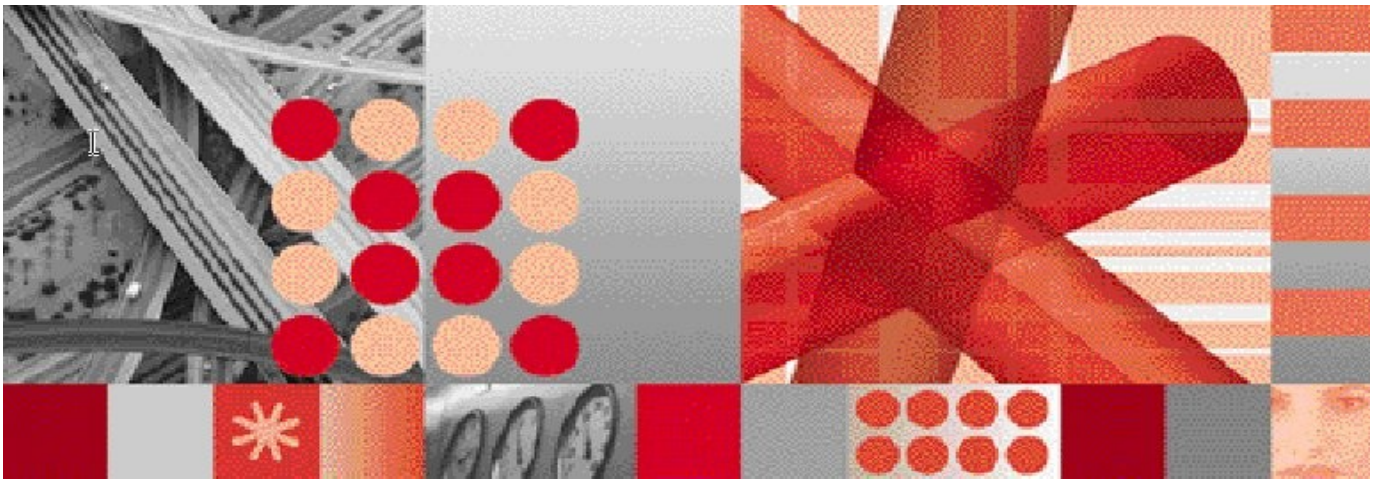
Netcool® Performance Manager for Wireless



UMTS_Huawei_UTRAN_V900R011 Functional Specification

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1 Change History

Issue	Date	Author	Comments
1.0	07 Mar 2011	IBM	Fixpack Released

2 Outstanding Issues

Number	Date	Description	Planned Resolution
N/A			

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3 Prerequisites

This section lists the Tech Pack modules that the current Tech Pack is dependent on, in alphabetical order.

- HUA GOMlet
- Neutral Core GOM
- Neutral GPRS/UMTS CN GOM
- Neutral GPRS BSS GOM
- Neutral GSM BSS/NSS GOM
- Neutral UMTS UTRAN Ext GOM
- Neutral UMTS UTRAN GOM
- VNL GOMlet

4 Network Model

This section describes the network objects (logical and physical) that are referenced in this technology pack module's data model.

4.1 AAL2PATH

AAL2PATH

Attribute Name	Description	Type	Related Object	Aggregat or
AAL2PATH_Id	AAL2PATH identifier	STRING		
AAL2PATH_Name	AAL2PATH name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Id	Unique identifier for Node	STRING		
Node_Name	User friendly name for Node	STRING		
Node_Type	Type of the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the AAL2PATH	STRING		

4.2 ATM_Logic_Port

ATM Logic Port

Attribute Name	Description	Type	Related	Aggregat

			Object	or
ATM_Logic_Port_Id	Unique identifier associated with ATM Logic Port	STRING		
ATM_Logic_Port_Name	User friendly name associated with ATM Logic Port	STRING		
Network_Id	Network associated with ATM Logic Port	STRING	Network	
Region_Id	Region associated with ATM Logic Port	STRING	Region	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the ATM Logic Port	STRING		

4.3 ATM_Node

ATM node

Attribute Name	Description	Type	Related Object	Aggregator
ATM_Node_Id	ATM node identifier	STRING		
ATM_Node_Name	ATM node name	STRING		
RNC_Id	RNC associated with this ATM node	STRING	RNC	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Version.	STRING		

4.4 ATM_Port

The logical interface used by Asynchronous Transmission Mode technology.

Attribute Name	Description	Type	Related Object	Aggregator
ATM_Port_Id	A unique identifier for the ATM Port.	STRING		
ATM_Port_Name	A user friendly name preferably unique for the ATM Port.	STRING		

Network_Id	Network associated with the ATM Port.	STRING	Network	
Region_Id	Region associated with the ATM Port.	STRING	Region	
ATM_Port_Type	Type of ATM Port.	STRING		
ATM_Port_Version	Hardware/Software version of the ATM Port.	STRING		
Node_Id	A unique identifier for the Node.	STRING		
Node_Name	A user friendly name peferably unique for the Node.	STRING		
Node_Type	Type of the Node.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.5 Cell

The Cell handles the radio interface to the mobile station. The Cell is the radio equipment (transceivers and antennas) needed to service each cell in the network. A group of Cells is controlled by a BSC.

Attribute Name	Description	Type	Related Object	Aggregator
Cell_Id	A unique identifier for the Cell.	STRING		
Cell_Name	A user friendly name preferably unique for the Cell.	STRING		
BSC_Id	A unique identifier for the BSC.	STRING	BSC	
BS_Id	A unique identifier for the BS at which the Cell is located. The BS at which the cell is located.	STRING	BS	
GPRS_Cell_Id	A unique identifier for the Cell.	STRING	Cell	
LAC_Id	The Location Area Code encompassing the Cell.	STRING	LAC	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
NSVC_Id	A unique identifier for the NSVC.	STRING	NSVC	

Network_Id	Network associated with the Cell.	STRING	Network	
PCU_Id	A unique identifier for the PCU.	STRING	PCU	
Region_Id	Region associated with the Cell.	STRING	Region	
Registration_Area_Id	A unique identifier for the Registration_Area.	STRING	Registratio n_Area	
Routing_Area_Id	A unique identifier for the Routing_Area.	STRING	Routing_A rea	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
UMTS_Cell_Id	A unique identifier for the Cell.	STRING	Cell	
BCH_Power	Broadcast channel power.	STRING		
BVC_Id	A unique identifier for the BVC.	STRING		
Cell_Description	Description of Cell.	STRING		
Cell_Type	Is the cell omni_directional, or a sector, or micro/pico/macro/umbrella cell, etc.	STRING		
Cell_Version	Hardware/Software version of the Cell.	STRING		
Dedicated_PDCH	Dedicated Packet Data Channel.	INTEGE R		
Defined_CCH	Number of defined CCH channels for the Cell.	INTEGE R		
Defined_PDCH	Designated Packet Data Channel.	INTEGE R		
Defined_TCH	Number of defined TCH channels of the Cell.	INTEGE R		
Defined_TRX	Number of defined TRX belonging to the cell.	INTEGE R		
Max_Power	The bs_tx_pwr_max configuration attribute.	FLOAT		
NSVC_CN_Id	A unique identifier for the NSVC CN.	STRING		
Primary_Common_Pil ot_Ch_Power	Primary CPICH channel power.	FLOAT		
Primary_Scrambling_ Code	Primary DL scrambling code.	STRING		
Primary_Sync_Ch_Po	Primary synchronisation channel power,	FLOAT		

wer	DL.			
Secondary_Sync_Ch_Power	Secondary synchronisation channel power, DL.	STRING		
Segment_Id	A unique identifier for the Segment.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
UTRAN_Absolute_Radio_Freq_DL	DL UTRAN absolute Radio Frequency Channel number.	STRING		
UTRAN_Absolute_Radio_Freq_UL	UL UTRAN absolute Radio Frequency Channel number.	STRING		

4.6 CNOPERATOR

When a RAN is shared by multiple operators, each license group corresponds to one operator.

Attribute Name	Description	Type	Related Object	Aggregator
CNOPERATOR_Id	Unique ID of the license group.	STRING		
CNOPERATOR_Name	User friendly name of the license group.	STRING		

4.7 E1T1_Link

E1T1 links error bit rate and other performance

Attribute Name	Description	Type	Related Object	Aggregator
E1T1_Link_Id	Unique identifier for E1T1_Link	STRING		
E1T1_Link_Name	User friendly name for E1T1_Link	STRING		
RNC_Id	The Node (RNC) that this E1T1_link is connected to (at this end).	STRING	RNC	
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Network associated with E1T1_Link	STRING	Network	

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Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the E1T1_Link	STRING		

4.8 ETH

ETH port for transmission link

Attribute Name	Description	Type	Related Object	Aggregator
ETH_Id	Unique identifier for the ETH	STRING		
ETH_Name	User friendly name for ETH	STRING		
Region_Id	Region associated with ETH	STRING	Region	
Network_Id	Network associated with ETH	STRING	Network	
Node_Id	Unique identifier for the Node	STRING		
Node_Name	User friendly name for the Node	STRING		
Node_Type	Type of the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the ETH.	STRING		

4.9 FIBER_Link

FIBER Link performance

Attribute Name	Description	Type	Related Object	Aggregator
FIBER_Link_Id	Unique identifier for the Fiber Link	STRING		
FIBER_Link_Name	User friendly name for FIBER_Link	STRING		
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Network associated with FIBER_Link	STRING	Network	
Node_Id	The Node (RNC) that this FIBER_Link is connected to (at this end).	STRING		
Node_Type	The type of the Node associated with the	STRING		

	FIBER_Link			
Version	Hardware/Software version of the FIBER_Link	STRING		

4.10 FlowControl

Flow control measurements in the boards (WOSEC and others)

Attribute Name	Description	Type	Related Object	Aggregator
FlowControl_Id	Unique identifier for FlowControl	STRING		
FlowControl_Name	User friendly name for FlowControl	STRING		
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Network associated with FlowControl	STRING	Network	
Node_Id	The Node (RNC) that this FlowControl belongs to (at this end).	STRING		
Node_Type	The type of the Node associated with the FlowControl	STRING		
Version	Hardware/Software Version of FlowControl	STRING		

4.11 FRAATM

FRA ATM Link

Attribute Name	Description	Type	Related Object	Aggregator
FRAATM_Id	FRAATM identifier	STRING		
FRAATM_Name	FRAATM name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

Version	Hardware/Software version of the FRAATM.	STRING		

4.12 FRAIMALNK

FRA IMA Link

Attribute Name	Description	Type	Related Object	Aggregator
FRAIMALNK_Id	FRAIMALNK identifier	STRING		
FRAIMALNK_Name	FRAIMALNK name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the FRAIMALNK	STRING		

4.13 FRAME

Measurement of FLUX between Frames

Attribute Name	Description	Type	Related Object	Aggregator
FRAME_Id	Unique identifier for FRAME	STRING		
FRAME_Name	User friendly name for FRAME	STRING		
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Network associated with FRAME	STRING	Network	
Node_Id	The Node (RNC) that this FRAME belongs to	STRING		
Node_Type	The type of the Node associated with the FRAME	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software Version of frame	STRING		

4.14 GPRS_Tunnel

The GPRS Tunnelling Protocol tunnels user data and signalling between GPRS Support Nodes in the GPRS backbone network. The GPRS Tunnelling Protocol encapsulates all PDP PDUs.

Attribute Name	Description	Type	Related Object	Aggregator
GTP_Id	A unique identifier for the GPRS Tunnel.	STRING		
GTP_Name	A user friendly name preferably unique for the GPRS Tunnel.	STRING		
GGSN_Id	A unique identifier for the GGSN.	STRING	GGSN	
Network_Id	Network associated with the GPRS Tunnel.	STRING	Network	
Region_Id	Region associated with the GPRS Tunnel.	STRING	Region	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
GTP_PDP_Capacity	Number of PDP sessions supported by the GPRS Tunnel.	INTEGER		
GTP_Role	GPRS Tunnel usage.	STRING		
GTP_Version	Hardware/Software version of the GPRS Tunnel.	STRING		
GTP_status	Status of the GPRS Tunnel.	STRING		
Technology	Technology of the network/element (e.g. GPRS, UMTS).	STRING		

4.15 IMA_Group

IMA Group

Attribute Name	Description	Type	Related Object	Aggregator
IMA_Group_Id	Primary Identifier of the IMA_Group	STRING		
IMA_Group_Name	User friendly name of IMA_Group	STRING		
Region_Id	Region associated with IMA_Group	STRING	Region	

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Network_Id	Network associated with IMA_Group	STRING	Network	
NodeB_Id	A unique identifier for the NodeB.	STRING	NodeB	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
Node_Id	Node identifier associated with this IMA_Group	STRING		
Node_Type	The type of the Node associated with the IMA_Group	STRING		
IMA_Group_Type	Type or Information about the IMA Group.	STRING		
Version	Version of the IMA Group or Node.	STRING		
Technology	Technology of the IMA Group / Node (e.g. UMTS).	STRING		

4.16 IMA_Link

IMA Link

Attribute Name	Description	Type	Related Object	Aggregator
IMA_Link_Id	Primary identifier of the IMA link	STRING		
IMA_Link_Name	User friendly name of IMA Link	STRING		
NodeB_Id	Identifier of the NodeB.	STRING	NodeB	
RNC_Id	Identifier of the BSC/RNC.	STRING	RNC	
Region_Id	Region associated with IMA Link	STRING	Region	
Network_Id	Network associated with IMA_Link	STRING	Network	
IMA_Group_Id	Identifier of the IMA Group.	STRING	IMA_Group	
Version	Hardware/Software version of the IMA_link or RNC.	STRING		
Technology	Technology of the IMA Link (e.g. UMTS).	STRING		

4.17 IPNODECONN

IP Node Connection

Attribute Name	Description	Type	Related Object	Aggregator
IPNODECONN_Id	IPNODECONN identifier	STRING		
IPNODECONN_Name	IPNODECONN name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Id	Unique identifier for the Node	STRING		
Node_Type	Type of the Node	STRING		
Node_Name	User friendly name for the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the IPNODECONN	STRING		

4.18 IPNODETRM

IP Node TRM

Attribute Name	Description	Type	Related Object	Aggregator
IPNODETRM_Id	IPNODETRM identifier	STRING		
IPNODETRM_Name	IPNODETRM name identifier	STRING		
Region_Id	Identifier of the network	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Id	Unique identifier for the Node	STRING		
Node_Name	User friendly name for the Node	STRING		
Node_Type	Type of the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

Version	Hardware/Software version of the IPNODETRM	STRING		

4.19 IPOA

IPOA

Attribute Name	Description	Type	Related Object	Aggregator
IPOA_Id	IPOA identifier	STRING		
IPOA_Name	IPOA name identifier	STRING		
RNC_Id	Identifier of the RNC	STRING	RNC	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the IPOA	STRING		

4.20 IPOAPVC

IPOA PVC

Attribute Name	Description	Type	Related Object	Aggregator
IPOAPVC_Id	IPOAPVC identifier	STRING		
IPOAPVC_Name	IPOAPVC name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Name	User friendly name for the Node	STRING		
Node_Type	Type of the Node	STRING		
Node_Id	Unique identifier for the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the IPOAPVC	STRING		

4.21 IPPATH

IP PATH

Attribute Name	Description	Type	Related Object	Aggregator
IPPATH_Id	IPPATH identifier	STRING		
IPPATH_Name	IPPATH name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Id	Unique identifier of the Node	STRING		
Node_Name	User friendly name for Node	STRING		
Node_Type	Type of the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the IPPATH	STRING		

4.22 IPPATHPING

IP PATH PING

Attribute Name	Description	Type	Related Object	Aggregator
IPPATHPING_Id	IPPATHPING identifier	STRING		
IPPATHPING_Name	IPPATHPING name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Node_Id	Unique identifier for the Node	STRING		
Node_Name	User friendly name for the Node	STRING		

Node_Type	Type of the Node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the IPPATHPING	STRING		

4.23 Iu

Iu Interface between RNC and CN

Attribute Name	Description	Type	Related Object	Aggregator
Iu_Id	Identifier of the Iu interface	STRING		
Iu_Name	Meaningful name of the Iu interface	STRING		
RNC_Id	RNC identifier	STRING	RNC	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
NodeB_Id	Identifier of the Node B	STRING		
Node_Id	Identifier of the Node	STRING		
Node_Name	Meaningful name of the Node	STRING		
Node_Type	Type of the Node	STRING		
Technology	Technology of the Network/Element	STRING		
Version	Version.	STRING		

4.24 Iur

Iur Interface between SRNC and DRNC

Attribute Name	Description	Type	Related Object	Aggregator
Iur_Id	Identifier of the Iur interface	STRING		
Iur_Name	Meaningful name of the Iur interface	STRING		
RNC_Id	Identifier for the serving (near end) RNC	STRING	RNC	
Region_Id	Identifier of the region	STRING	Region	

Network_Id	Identifier of the network	STRING	Network	
RNC_Target_Id	Identifier of the target RNC	STRING		
Technology	Technology of the network/element	STRING		
Version	Version identifier	STRING		

4.25 Local_Cell

Local cell to NodeB

Attribute Name	Description	Type	Related Object	Aggregator
Local_Cell_Id	Unique identifier for Local Cell	STRING		
Local_Cell_Name	User friendly name for Local Cell	STRING		
NodeB_Id	NodeB associated with the Local Cell	STRING	NodeB	
Network_Id	Network associated with the Local Cell	STRING	Network	
Region_Id	Region associated with the Local Cell	STRING	Region	
RNC_Id	RNC associated with the Local Cell	STRING	RNC	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the Local_Cell	STRING		

4.26 Logic_Port

Logic Port queue

Attribute Name	Description	Type	Related Object	Aggregator
Logic_Port_Id	Primary identifier of the Logic_Port	STRING		
Logic_Port_Name	User friendly name of Logic_Port	STRING		
Region_Id	Region associated with Logic_Port	STRING	Region	

Network_Id	Network associated with the Logic_Port	STRING	Network	
Node_Id	Node identifier associated with Logic_Port	STRING		
Node_Type	The type of the Node associated with the Logic_Port	STRING		
Version	Hardware/Software version	STRING		

4.27 M3UA_Dest

M3UA Dest

Attribute Name	Description	Type	Related Object	Aggregator
M3UA_Dest_Id	Primary identifier of the M3UA Destination Point Code (DPC)	STRING		
M3UA_Dest_Name	Meaningful name of the M3UA DPC	STRING		
BSC_Id	A unique identifier for the BSC.	STRING	BSC	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
Node_Id	Identifier of the node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the node (e.g. SGSN or MSC)	STRING		

4.28 M3UA_Link

M3UA (MTP3 User Adaption Layer Protocol) link

Attribute Name	Description	Type	Related Object	Aggregator
M3UA_Link_Id	Identifier of the M3UA link	STRING		
M3UA_Link_Name	User friendly name of M3UA link	STRING		

Region_Id	Region associated with M3UA link	STRING	Region	
Network_Id	Network associated with M3UA link	STRING	Network	
M3UA_LinkSet_Id	Identifier of the M3UA LinkSet.	STRING	M3UA_LinkSet	
Node_Id	Node identifier associated with this M3UA link	STRING		
Node_Type	The type of the Node associated with the M3UA Link	STRING		
Node_Name	The name of the Node associated with the M3UA Link	STRING		
Link_Number	LNKN for M3UA link	STRING		
Module_Number	Module identifier for M3UA link	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
M3UA_Dest_Id	Identifier of the M3UA Destination Point.	STRING		

4.29 M3UA_LinkSet

M3UA (MTP3 User Adaption Layer Protocol) linkSet

Attribute Name	Description	Type	Related Object	Aggregator
M3UA_LinkSet_Id	Unique identifier for M3UA linkset	STRING		
M3UA_LinkSet_Name	User friendly name for M3UA link	STRING		
BSC_Id	A unique identifier for the BSC.	STRING	BSC	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
M3UA_Dest_Id	Identifier of the M3UA Destination Point	STRING	M3UA_D	

			est	
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Network associated with M3UA link	STRING	Network	
Node_Id	The Node (MSC, MGW) that this M3UA LinkSet is connected to (at this end).	STRING		
Node_Type	The type of the Node associated with the M3UA Linkset	STRING		
Node_Name	The Name of the Node associated with the M3UA Linkset	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.30 MLPPP

MLPPP on transmission link.

Attribute Name	Description	Type	Related Object	Aggregator
MLPPP_Id	Unique identifier for MLPPP	STRING		
MLPPP_Name	User friendly name for MLPPP	STRING		
Network_Id	Network associated with MLPPP	STRING	Network	
Region_Id	Region associated with MLPPP	STRING	Region	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the MLPPP	STRING		

4.31 MTP3_Link

MTP3 Link

Attribute Name	Description	Type	Related Object	Aggregator
MTP3_Link_Id	Primary Identifier of the MTP3 link.	STRING		
MTP3_Link_Name	Meaningful name for the MTP3 Link	STRING		
MTP3_LinkPoint_Id	Identifier of the MTP3 DPC.	STRING	MTP3_LinkPoint	

Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
MTP3_LinkSet_Id	Identifier of the MTP3 LinkSet.	STRING	MTP3_LinkSet	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node (e.g. SGSN or MSC)	STRING		
Node_Name	The name of the Node associated with the MTP3 Link	STRING		
Link_Number	LNKN for MTP3 link	STRING		
Module_Number	Module identifier for MTP3 link	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.32 MTP3_LinkPoint

MTP3 LinkPoint

Attribute Name	Description	Type	Related Object	Aggregator
MTP3_LinkPoint_Id	Primary identifier of the MTP3 DPC.	STRING		
MTP3_LinkPoint_Name	Meaningful name of the MTP3 DPC	STRING		
BSC_Id	A unique identifier for the BSC.	STRING	BSC	
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	

Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node	STRING		

4.33 MTP3_LinkSet

MTP3 LinkSet

Attribute Name	Description	Type	Related Object	Aggregator
MTP3_LinkSet_Id	Primary identifier of the MTP3 LinkSet.	STRING		
MTP3_LinkSet_Name	Meaningful name of the MTP3 LinkSet.	STRING		
BSC_Id	A unique identifier for the BSC.	STRING	BSC	
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
MTP3_LinkPoint_Id	Identifier of the MTP3 DPC.	STRING	MTP3_LinkPoint	
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node	STRING		
Node_Name	The Name of the Node associated with the MTP3 Linkset	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.34 MTP3B_Link

MTP3B link

Attribute Name	Description	Type	Related Object	Aggregator

MTP3B_Link_Id	Primary identifier of the MTP3B link.	STRING		
MTP3B_Link_Name	Meaningful name of the MTP3B link	STRING		
MTP3B_LinkPoint	Identifier of the MTP3B Link Point.	STRING	MTP3B_Point	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
MTP3B_LinkSet_Id	Identifier of the MTP3B LinkSet.	STRING	MTP3B_LinkSet	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node (e.g. SGSN or MSC)	STRING		
Node_Name	The name of the Node associated with the MTP3B Link	STRING		
Link_Number	LNKN for MTP3B link	STRING		
Module_Number	Module identifier for MTP3B link	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.35 MTP3B_LinkSet

MTP3B LinkSet

Attribute Name	Description	Type	Related Object	Aggregator
MTP3B_LinkSet_Id	Primary identifier of the MTP3B Link Set.	STRING		
MTP3B_LinkSet_Name	Meaningful name for the MTP3B LinkSet	STRING		
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	

MSC_Id	A unique identifier for the MSC.	STRING	MSC	
MTP3B_LinkPoint_Id	Identifier of the MTP3B DPC.	STRING	MTP3B_Point	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node	STRING		
Node_Name	The Name of the Node associated with the MTP3B Linkset	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.36 MTP3B_Point

MTP3B Point

Attribute Name	Description	Type	Related Object	Aggregator
MTP3B_Point_Id	Primary Identifier of the MTP3B Point.	STRING		
MTP3B_Point_Name	Meaningful name for the MTP3B Point	STRING		
MGW_Id	A unique identifier for the MGW.	STRING	MGW	
RNC_Id	A unique identifier for the RNC.	STRING	RNC	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
Region_Id	Identifier of the Region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		
Node_Type	Type of the Node (e.g. SGSN or MSC)	STRING		

4.37 Neighbour

Represents a handover relationship between two cells that may perform handovers to each other.

Attribute Name	Description	Type	Related Object	Aggregator
Neighbour_Id	A unique identifier for the Neighbour.	STRING		
Neighbour_Name	A user friendly name preferably unique for the Neighbour.	STRING		
Source_Cell_Id	A unique identifier for the Cell_Id of the Cell that is handling calls.	STRING	Cell	
Source_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Source_Cell_Type	Type of Source Cell.	STRING		
Source_Cell_Vendor	Manufacturer of the Source Cell.	STRING		
Source_Cell_Version	Hardware/Software version of the Source Cell.	STRING		
Target_Cell_Id	A unique identifier for the Cell_Id of the Cell that is receiving handed-over calls.	STRING		
Target_Cell_Position	Position of Target Cell.	INTEGER		
Target_Cell_Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Target_Cell_Type	Type of Target Cell.	STRING		
Target_Cell_Vendor	Manufacturer of the Target Cell.	STRING		
Target_Cell_Version	Hardware/Software version of the Target Cell.	STRING		

4.38 Network

Network information.

Attribute Name	Description	Type	Related Object	Aggregator
Network_Id	A unique identifier for the Network.	STRING		
Network_Name	A user friendly name preferably unique	STRING		

	for the Network.			
Default_Link_Speed	The default speed of SS7 Signalling Links in this network.	FLOAT		
Network_Type	Type of Network (e.g. GSM-900, GSM-1800 or GSM-1900).	STRING		

4.39 NodeB

NodeB (BS in GSM, representing a cell site in UMTS) is mainly used as a link between Cell and RNC objects in the network hierarchy.

Attribute Name	Description	Type	Related Object	Aggregator
NodeB_Id	A unique identifier for the NodeB.	STRING		
NodeB_Name	A user friendly name preferably unique for the NodeB (site).	STRING		
MSC_Id	A unique identifier for the MSC.	STRING	MSC	
Network_Id	Network associated with the NodeB.	STRING	Network	
RNC_Id	The RNC that controls this NodeB.	STRING	RNC	
Region_Id	Region associated with the NodeB.	STRING	Region	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
NodeB_Version	Hardware/Software version of the NodeB.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.40 OAM_Link

OAM flow performance of OAM Link

Attribute Name	Description	Type	Related Object	Aggregator
OAM_Link_Id	Identifier of the OMA_Link	STRING		
OAM_Link_Name	User friendly name of OAM_Link	STRING		
Region_Id	Region associated with OAM_Link	STRING	Region	
Network_Id	Network associated with OMA_Link	STRING	Network	

Node_Id	Node identifier associated with this OAM_Link	STRING		
Node_Type	The type of the Node associated with the OAM_Link	STRING		

4.41 PPP

PPP on transmission link

Attribute Name	Description	Type	Related Object	Aggregator
PPP_Id	Unique identifier associated with PPP	STRING		
PPP_Name	User friendly name associated with PPP	STRING		
Network_Id	Network associated with PPP	STRING	Network	
Region_Id	Region associated with PPP	STRING	Region	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the PPP	STRING		

4.42 Processor

The Processor object represents a CPU inside another network element. Some elements have more than one Processor.

Attribute Name	Description	Type	Related Object	Aggregator
Processor_Id	A unique identifier for the Processor.	STRING		
Processor_Name	A user friendly name preferably unique for the Processor.	STRING		
Network_Id	Network associated with the Processor.	STRING	Network	
Region_Id	Region associated with the Processor.	STRING	Region	
Node_Id	This is the identifier for the network element containing the Processor.	STRING		

Node_Name	A user friendly name preferably unique for the Node.	STRING		
Node_Type	The type of the network element containing the Processor.	STRING		
Processor_Type	Type of Processor.	STRING		
Processor_Version	Hardware/Software version of the Processor.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.43 QosQueue

QosQueue on transmission link

Attribute Name	Description	Type	Related Object	Aggregator
QosQueue_Id	Unique identifier for QoSQueue	STRING		
QosQueue_Name	User friendly name for QosQueue	STRING		
Region_Id	Region associated with the QosQueue	STRING	Region	
Network_Id	Network associated with QosQueue	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the QosQueue	STRING		

4.44 Region

A user defined grouping of network elements.

Attribute Name	Description	Type	Related Object	Aggregator
Region_Id	Region associated with the network object.	STRING		
Region_Name	A user friendly name preferably unique for the Region.	STRING		
Network_Id	Network associated with the Region.	STRING	Network	

4.45 RNC

The Radio Network Controller provides all the control functions and physical links between the MSC (and/or SGSN) and Cell. It switches circuit/packet data & provides functions such as handover, cell configuration data & control of RF power levels in base transceiver stations.

This object is used for Data Availability tracking

Attribute Name	Description	Type	Related Object	Aggregator
RNC_Id	A unique identifier for the RNC.	STRING		
RNC_Name	A user friendly name preferably unique for the RNC.	STRING		
MSC_Id	The MSC to which this RNC is connected.	STRING	MSC	
Network_Id	Network associated with the RNC.	STRING	Network	
Region_Id	Region associated with the RNC.	STRING	Region	
SGSN_Id	A unique identifier for the SGSN.	STRING	SGSN	
RNC_Version	Hardware/Software version of the RNC.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.46 SAAL_Link

Signalling ATM adaptation layer (SAAL) Link between two entities e.g. MGW, MSCS, GGSN, MGCF etc.

Attribute Name	Description	Type	Related Object	Aggregator
SAAL_Link_Id	Primary Identifier of the SAAL Link	STRING		
SAAL_Link_Name	User friendly name of the SAAL Link	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Network associated with the SAAL Link.	STRING	Network	
Node_Id	Identifier of the Node (e.g. SGSN or MSC)	STRING		

Node_Type	Type of the Node (e.g. SGSN or MSC)	STRING		
Node_Name	The name of the Node associated with the MTP3 Link	STRING		
Link_Number	LNKN for SAAL_Link	STRING		
Module_Number	Module identifier for SAAL link	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
MSC_Id	The node id associated witht is element	STRING		

4.47 SCCP

Signalling Connection Control Point

Attribute Name	Description	Type	Related Object	Aggregator
SCCP_Id	SCCP Identifier	STRING		
SCCP_Name	SCCP name	STRING		
RNC_Id	Identifier of the associated RNC	STRING	RNC	
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of SCCP	STRING		

4.48 SCTPIP

Streaming Control Transport Protocol IP

Attribute Name	Description	Type	Related Object	Aggregator
SCTPIP_Id	SCTPIP identifier	STRING		
SCTPIP_Name	SCTPIP name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g.	STRING		

	GSM, GPRS, UMTS).			
SCTPIP_Version	Hardware/Software version of the SCTPIP	STRING		

4.49 SCTPLNK

Streaming Control Transport Protocol Link

Attribute Name	Description	Type	Related Object	Aggregator
SCTPLNK_Id	SCTPLNK identifier	STRING		
SCTPLNK_Name	SCTPLNK name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the SCTPLNK	STRING		

4.50 Signalling_LinkSet

A set of Signalling Links between two points.

Attribute Name	Description	Type	Related Object	Aggregator
SS7_LinkSet_Id	A unique identifier for the SS7 LinkSet.	STRING		
SS7_LinkSet_Name	A user friendly name preferably unique for the SS7 LinkSet.	STRING		
Network_Id	Network associated with the SS7 LinkSet.	STRING	Network	
Region_Id	Region associated with the SS7 LinkSet.	STRING	Region	
SS7_Point_Id	The SS7 Point to which this SS7 LinkSet is connected to (at this end).	STRING	Signalling _Point	
Adjacent_Node_Id	The Adjacent Node that this SS7 LinkSet	STRING		

	is connected from (at the other end).			
Data_Rate	The total of all the individual SS7 Link speeds (aggregated over all SS7 Links in the SS7 LinkSet) in bits per second (bit/s).	FLOAT		
Designed_Link_Failures	The number of SS7 Link failures permitted on the SS7 LinkSet while still keeping the SS7 LinkSet up to its designed capacity.	INTEGER		
Node_Id	The Node (MSC or HLR) that this SS7 LinkSet is connected to (at this end).	STRING		
Node_Name	Name of the node that this SS7 LinkSet is connected to (at this end).	STRING		
Node_Type	The type of the network element that the SS7 LinkSet is connected to (at this end).	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.51 Signalling_Link

The SS7 Signalling data link is a full-duplex, digital transmission channel, usually operating at 64 kbit/s.

Attribute Name	Description	Type	Related Object	Aggregator
SS7_Link_Id	A unique identifier for the SS7 Link.	STRING		
SS7_Link_Name	A user friendly name preferably unique for the SS7 Link.	STRING		
Network_Id	Network associated with the SS7 Link.	STRING	Network	
Region_Id	Region associated with the SS7 Link.	STRING	Region	
SS7_LinkSet_Id	The Node (MSC or HLR) that this SS7 Link is connected to (at this end).	STRING	Signalling_LinkSet	
SS7_Point_Id	A unique identifier for the SS7 Point.	STRING	Signalling_Point	
Adjacent_Node_Id	The Adjacent Node that this SS7 Link is connected from (at the other end).	STRING		
Data_Rate	The SS7 Link speed in bits per second (bit/s).	FLOAT		

Node_Id	The Node (MSC or HLR) that this SS7 Link is connected to (at this end).	STRING		
Node_Name	The name for the network element that the SS7 Link is connected to (at this end).	STRING		
Node_Type	The type of the network element that the SS7 Link is connected to at this end.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.52 Signalling_Point

Represents a signalling entity that is part of a Node.

Attribute Name	Description	Type	Related Object	Aggregat or
SS7_Point_Id	A unique identifier for the SS7 Point.	STRING		
SS7_Point_Name	A user friendly name preferably unique for the SS7 Point.	STRING		
Network_Id	Network associated with the SS7 Point.	STRING	Network	
Region_Id	Region associated with the SS7 Point. SS7_Point - the default value is derived via the Node.	STRING	Region	
Adjacent_Node_Id	A unique identifier for the Adjacent Node.	STRING		
Node_Id	A unique identifier for the Node.	STRING		
Node_Name	A user friendly name preferably unique for the Node.	STRING		
Node_Type	Type of Node.	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.53 UDSP

UDSP

Attribute Name	Description	Type	Related Object	Aggregator
UDSP_Id	Unique identifier associated with UDSP	STRING		
UDSP_Name	User friendly name associated with UDSP	STRING		
Network_Id	Network associated with UDSP	STRING	Network	
Region_Id	Region associated with UDSP	STRING	Region	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the UDSP	STRING		

4.54 UNILNK

UNI Link

Attribute Name	Description	Type	Related Object	Aggregator
UNILNK_Id	UNILNK identifier	STRING		
UNILNK_Name	UNILNK name identifier	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the network	STRING	Network	
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		
Version	Hardware/Software version of the UNILNK	STRING		

4.55 UOI_Board

UOI board.

Attribute Name	Description	Type	Related Object	Aggregator
UOI_Board_Id	Unique identifier for UOI board	STRING		
UOI_Board_Name	User friendlu name for the UOI Board	STRING		
RNC_Id	RNC associated with the UOI board	STRING	RNC	
Region_Id	Region associated with UOI board	STRING	Region	

Network_Id	Network associated with UOI board	STRING	Network	
Version	Hardware/software version for the UOI board	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

4.56 VC_ACROSS

VC Across

Attribute Name	Description	Type	Related Object	Aggregator
VC_CROSS_Id	Primary identifier of the VC_CROSS	STRING		
VC_CROSS_Name	Meaningful name of the VC_CROSS	STRING		
Region_Id	Identifier of the region	STRING	Region	
Network_Id	Identifier of the Network	STRING	Network	
Node_Id	Identifier of the node (e.g. RNC)	STRING		
Node_Type	Type of the node	STRING		
Technology	Technology of the network/element (e.g. GSM, GPRS, UMTS).	STRING		

5 Busy Hours

This section lists the busy hours that are defined in this technology pack, grouped by the network object to which they relate, as follows:

Each of the busy hours listed can be referenced within this document by way of a busy hour acronymn, which is included in the table below.

- Cell
- GPRS_Tunnel
- Local_Cell
- NodeB
- RNC

5.1 Cell Busy Hours

Busy Hour Name	Defining KPI	Acronym
Huawei_Cell_Traffic_Busy_Hour	Cell.Huawei.Traffic_PS.Cell_Traffic_busy_hour	huctbh
Huawei_Cell_ASE_Busy_Hour	Cell.Huawei.Throughput_PS_Inter_DL.Cell_ASE_busy_hour	hucasebh

5.2 GPRS_Tunnel Busy Hours

Busy Hour Name	Defining KPI	Acronym
Huawei_GPRS_Tunnel_Total_Packet_Busy_Hour	GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_Pkt	hugttpbh

5.3 Local_Cell Busy Hours

Busy Hour Name	Defining KPI	Acronym
Huawei_Local_Cell_Max_Data_Output_Busy_Hour	Local_Cell.Huawei.HSDPA_Data_Measurement.VS_DataOutput_Max	hulcmdbh

5.4 NodeB Busy Hours

Busy Hour Name	Defining KPI	Acronym
Huawei_NodeB_Max_UL_Credit_Used_Busy_Hour	NodeB.Huawei.Credit_Usage_aggregated_from_cell.VS_LC_ULCreditUsed_CELL_Max	hunulcbh
Huawei_NodeB_Max_DL_Credit_Used_Busy_Hour	NodeB.Huawei.Credit_Usage_aggregated_from_cell.VS_LC_DLCreditUsed_CELL_Max	hundlcbh
Huawei_NodeB_Traffic_Busy_Hour	NodeB.Huawei.Traffic_PS_aggregated_from_cell.Traffic_busy_hour	hunbtbh

5.5 RNC Busy Hours

Busy Hour Name	Defining KPI	Acronym
Huawei_RNC_CS_Load_Busy_Hour	RNC.Huawei.Traffic_Load.VS_CSLoad_Erlang_Equiv_RNC	hubcslbh
Huawei_RNC_PS_Load_Busy_Hour	RNC.Huawei.Traffic_Load.PSLoad_Thruput_RNC_busy_hour	hubpslbh
Huawei_RNC_HSDPA_Busy_Hour	RNC.Huawei.HSDPA_aggregated_from_cell.VS_HSDPA_MeanChThroughput_TotalBytes	hubhsdpabh
Huawei_RNC_R99PS_Load_Busy_Hour	RNC.Huawei.Traffic_R99_HSDPA_HSUPA_MBMS.R99PSLoad_Thruput_RNC	hub99pslbh

6 Performance Indicators

This section lists the performance indicators (both one-to-one counter mappings, and complex KPIs) that are defined in this technology pack module, grouped by the network object to which they relate, as follows:

- MTP3B_LinkSet
- MTP3B_Point
- Neighbour
- NodeB
- OAM_Link
- PPP
- Processor
- QosQueue
- RNC
- SAAL_Link
- SCCP
- SCTPIP
- SCTPLNK
- Signalling_Link
- Signalling_LinkSet
- Signalling_Point
- UDSP
- UNILNK
- UOI_Board
- VC_ACROSS

6.1 AAL2PATH Performance Indicators

- AAL2PATH.Huawei.UMTS.AAL2PATH_Connections
- AAL2PATH.Huawei.UMTS.AAL2PATH_PVCPLAYER
- AAL2PATH.Huawei.UMTS.AAL2PATH
- AAL2PATH.Huawei.UMTS.AAL2PATHPVC
- AAL2PATH.Huawei.UMTS.SCTP_IPLAYER

6.1.1 AAL2PATH.Huawei.UMTS.AAL2PATH_Connections

AAL2PATH Connections

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2PATH_Act_Con	hua_aal2pathconnect_tab.suihn4turp2ahrhr0035xvpkr0	FLOAT	#	Number of AAL2 path active	Average	Sum, Minimum,

				connections to an adjacent node		Maximum

6.1.2 AAL2PATH.Huawei.UMTS.AAL2PATH_PVCPLAYER

AAL2PATH PVC Player KPIs.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2PATH_PVCLAYER_DROPFORHEADCELLS	hua_aal2path_pvcplayer_tab.suihnddurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by AAL2PATH.PVCLAYER due to error headers	Sum	
VS_AAL2PATH_PVCLAYER_DROPFORRXOVERFLOWCELLS	hua_aal2path_pvcplayer_tab.suihndfurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by AAL2PATH.PVCLAYER due to overflow of receive buffer	Sum	
VS_AAL2PATH_PVCLAYER_DROPFORTXOVERFLOWCELLS	hua_aal2path_pvcplayer_tab.suihndhurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by AAL2PATH.PVCLAYER due to overflow of transmit buffer	Sum	
VS_AAL2PATH_PVCLAYER_PEAK_RXBYTES	hua_aal2path_pvcplayer_tab.suihncxurp2ahrhr0035xvpkr0	INTEGER	bytes	Peak Number of the bytes received by the AAL2PATH.PVCLAYER every five seconds in the specified measurement period.	Average	Sum, Minimum, Maximum
VS_AAL2PATH_PVCLAYER_PEAK_TXBYTES	hua_aal2path_pvcplayer_tab.suihnd4urp2ahrhr0035xvpkr0	INTEGER	bytes	Peak Number of the bytes sent by the AAL2PATH.PVCLAYER every	Average	Sum, Minimum, Maximum

				five seconds in the specified measurement period.		
VS_AAL2PATH_PVCLAYER_RXBYTES	hua_aal2path_pvcplayer_tab.suihncvurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of cells received by an AAL2path PVC link in a measurement period.	Sum	
VS_AAL2PATH_PVCLAYER_RXBYTESOFAAL2CPSPKTS	hua_aal2path_pvcplayer_tab.suihnd6urp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes of correct AAL2 CPS packets received by AAL2PATH.PVCLAYER	Sum	
VS_AAL2PATH_PVCLAYER_TXBYTES	hua_aal2path_pvcplayer_tab.suihnd2urp2ahrhr0035xvpkr0	INTEGER	bytes	Number of cells sent by an AAL2path PVC link in a measurement period.	Sum	
VS_AAL2PATH_PVCLAYER_TXBYTESOFAAL2CPSPKTS	hua_aal2path_pvcplayer_tab.suihndburp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes of correct AAL2 CPS packets transmitted by AAL2PATH.PVCLAYER	Sum	
VS_AAL2PATH_PVCLAYER_TXCORRECTCELLS	hua_aal2path_pvcplayer_tab.suihnd0urp2ahrhr0035xvpkr0	INTEGER	#	Number of correct cells transmitted by AAL2PATH.PVCLAYER	Sum	

6.1.3 AAL2PATH.Huawei.UMTS.AAL2PATH

AAL2 PATH data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2PATH_Act_Con	hua_aal2path_tab.xlsny4rlui2aidkrb02ofawjhk	FLOAT	#	This measurement counter provides the number of active AAL2 connections between the AAL2 path and an adjacent node in the specified measurement period.	Average	Average, Maximum, Minimum, Sum
VS_AAL2PATH_Bwd_Cong_Dur	hua_aal2path_tab.xlsny4plui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on the AAL2 path	Sum	Sum
VS_AAL2PATH_Bwd_Cong	hua_aal2path_tab.xlsny4nlui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on the AAL2 path	Sum	Sum
VS_AAL2PATH_Fwd_Cong_Dur	hua_aal2path_tab.xlsny4llui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on the AAL2 path	Sum	Sum
VS_AAL2PATH_Fwd_Cong	hua_aal2path_tab.xlsny4jlui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on the AAL2 path	Sum	Sum
VS_AAL2PATH_MeasKbps_Rx	hua_aal2path_tab.vu2u35ppa6b5nrs60otnl4eslo	FLOAT	kbps	Obsolete from UTRAN/V200R010:Average Receive Traffic of AAL2PATH.	Average	Sum, Minimum, Maximum
VS_AAL2PATH_MeasKbps_	hua_aal2path_tab.ysb0feydf0brfejb4nxxumgd44	FLOAT	kbps	Obsolete from UTRAN/V200	Average	Sum, Minimu

Tx				R010:Average Transmit Traffic of AAL2PATH.		m, Maximum

6.1.4 AAL2PATH.Huawei.UMTS.AAL2PATHPVC

AAL2PATH PVC data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2PATHPVC_Peak_RxCells	hua_aal2path_aal2ppvc_tab.ub2wgmtiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900 R011:Peak Number of Cells received by an AAL2PATH PVC link in a measurement period (5s).	Constant	Sum, Minimum, Maximum
VS_AAL2PATHPVC_Peak_TxCells	hua_aal2path_aal2ppvc_tab.ub2wgmviyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900 R011:Peak Number of Cells sent by an AAL2PATH PVC link in a measurement period (5s).	Constant	Sum, Minimum, Maximum
VS_AAL2PATHPVC_Rx_Cells	hua_aal2path_aal2ppvc_tab.ub2wgmxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of Cells received by an AAL2PATH PVC link in a measurement	Sum	

				period.		
VS_AAL2PATHPVC_Rx_MeanKbps	hua_aal2path_aal2ppvc_tab.ub2wgn0iyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V200R010:Mean Rx rate of a single AAL2PATHPVC link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_AAL2PATHPVC_Tx_Cells	hua_aal2path_aal2ppvc_tab.ub2wgn2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of Cells sent by an AAL2PATHPVC link in a measurement period.	Sum	
VS_AAL2PATHPVC_Tx_MeanKbps	hua_aal2path_aal2ppvc_tab.ub2wgn4iyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V200R010:Mean Tx rate of a single AAL2PATHPVC link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum

6.1.5 AAL2PATH.Huawei.UMTS.SCTP_IPLAYER

SCTP I PLAYER KPIs.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2PATH_PVCLAYER_RXCORRECTCELLS	hua_aal2path_sctp_iplyr_tab.suihncturp2ahrhr0035xvpkr0	INTEGER	#	Number of correct cells received by AAL2PATH.PVCLAYER	Sum	

6.2 ATM_Logic_Port Performance Indicators

- ATM_Logic_Port.Huawei.UMTS.ATM_Logic_Port

6.2.1 ATM_Logic_Port.Huawei.UMTS.ATM_Logic_Port

Measurement of ATM Logical Port Performance

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ATMLGCPRT_Alloced_Ave_Bwd	hua_atm_logic_port_tab.rpwvgx434h2aispab035y0hf3v	INT8	#	Backward Bandwidth assigned to the ATM Logical Port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Ave_Fwd	hua_atm_logic_port_tab.rpwvgx634h2aispab035y0hf3v	INT8	#	Forward Bandwidth assigned to the ATM Logical Port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Max_Bwd	hua_atm_logic_port_tab.rpwvgwt34h2aispab035y0hf3v	INT8	#	Maximum Backward Bandwidth assigned to the ATM Logical Port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Max_Fwd	hua_atm_logic_port_tab.rpwvgwr34h2aispab035y0hf3v	INT8	#	Maximum Forward Bandwidth assigned to the ATM Logical Port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Bwd_Cong_Dur	hua_atm_logic_port_tab.rpwvgx234h2aispab035y0hf3v	INT8	#	Duration of Backward Congestions on the ATM Logical Port	Sum	

VS_ATMLGCPRT_Bwd_Cong	hua_atm_logic_port_tab.rpwvgx034h2aispab035y0hf3v	INT8	#	Number of Backward Congestions on the ATM Logical Port	Sum	
VS_ATMLGCPRT_Fwd_Cong_Dur	hua_atm_logic_port_tab.rpwvgwx34h2aispab035y0hf3v	INT8	#	Duration of Forward Congestions on the ATM Logical Port	Sum	
VS_ATMLGCPRT_Fwd_Cong	hua_atm_logic_port_tab.rpwvgwv34h2aispab035y0hf3v	INT8	#	Number of Forward Congestions on the ATM Logical Port	Sum	

6.3 ATM_Node Performance Indicators

- ATM_Node.Huawei.UMTS.IPPART_Connections
- ATM_Node.Huawei.UMTS.IPPATH_Resources
- ATM_Node.Huawei.UMTS.QAAL2_Allocations
- ATM_Node.Huawei.UMTS.QAAL2_Connections
- ATM_Node.Huawei.UMTS.QAAL2

6.3.1 ATM_Node.Huawei.UMTS.IPPART_Connections

IP Part Connections

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPART_Node_Act_Con	hua_ip_connections_tab.suihn2purp2ahrhr0035xvpkr0	INT8	#	Number of active IP connections on dual stack adjacent node	Average	Sum, Minimum, Maximum
VS_IPPART_Node_Conn_Estab_Att	hua_ip_connections_tab.suihn2furp2ahrhr0035xvpkr0	INTEGER	#	Number of IP connection setup requests received on dual stack adjacent node	Sum	

VS_IPPART_Node_Conn_Estab_Succ	hua_ip_connections_tab.suihn2hurp2ahrhr0035xvpkr0	INTEGER	#	Number of successful IP connection setups on dual stack adjacent node	Sum	
VS_IPPART_Node_Conn_Modify_Att	hua_ip_connections_tab.suihn2jurp2ahrhr0035xvpkr0	INTEGER	#	Number of IP connection modifications on dual stack adjacent node	Sum	
VS_IPPART_Node_Conn_Modify_Succ	hua_ip_connections_tab.suihn2lurp2ahrhr0035xvpkr0	INTEGER	#	Number of successful IP connection modifications on dual stack adjacent node	Sum	
VS_IPPART_Node_Conn_Rel	hua_ip_connections_tab.suihn2nurp2ahrhr0035xvpkr0	INTEGER	#	Number of IP connection releases on dual stack adjacent node	Sum	

6.3.2 ATM_Node.Huawei.UMTS.IPPATH_Resources

IP Path Resources

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPART_AllocedBwd	hua_ippath_resources_tab.suihn2turp2ahrhr0035xvpkr0	FLOAT	bits	IP path backward bandwidth allocated to dual stack adjacent node	Average	Sum, Minimum, Maximum
VS_IPPART_AllocedFwd	hua_ippath_resources_tab.suihn2rurp2ahrhr0035xv	FLOAT	bits	IP path forward bandwidth	Average	Sum, Minimu

	pkr0			allocated to dual stack adjacent node		m, Maximum

6.3.3 ATM_Node.Huawei.UMTS.QAAL2_Allocations

QAAL2 Allocations

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_QAAL2_AllocedBwd_AAL2BitRate	hua_qaal2_allocations_tab.suihn2durp2ahrhr0035xvpkr0	FLOAT	bits	Average value of allocated average AAL2 bit rate in backward direction	Average	Sum, Minimum, Maximum
VS_QAAL2_AllocedFwd_AAL2BitRate	hua_qaal2_allocations_tab.suihn2burp2ahrhr0035xvpkr0	FLOAT	bits	Average value of allocated Average AAL2 bit rate in forward direction	Average	Sum, Minimum, Maximum
VS_QAAL2IP_AttResAlloc	hua_qaal2_allocations_tab.suihn2vurp2ahrhr0035xvpkr0	INTEGER	#	Number of requests for resource allocations on dual stack adjacent node	Sum	
VS_QAAL2IP_FailResAllocForBwLimit	hua_qaal2_allocations_tab.xlsny6vlui2aidkrb02ofawjhk	INTEGER	#	Number of Fail Resource Allocations for Reason of Bandwidth Limit on Dual Stack Adjacent Node	Sum	
VS_QAAL2IP_SuccResAlloc	hua_qaal2_allocations_tab.suihn2xurp2ahrhr0035x	INTEGER	#	Number of successful	Sum	

	vpkr0			resource allocations on dual stack adjacent node		
VS_QAAL2PART_AllocedBwd_AAL2BitRate	hua_qaal2_allocations_tab.suihn4rurp2ahrhr0035xvpkr0	FLOAT	bits	Average Q.AAL2 backward bandwidth allocated to iub adjacent node on dual stack adjacent node	Average	Sum, Minimum, Maximum
VS_QAAL2PART_AllocedFwd_AAL2BitRate	hua_qaal2_allocations_tab.suihn4purp2ahrhr0035xvpkr0	FLOAT	bits	Average Q.AAL2 forward bandwidth allocated to iub adjacent node on dual stack adjacent node	Average	Sum, Minimum, Maximum

6.3.4 ATM_Node.Huawei.UMTS.QAAL2_Connections

QAAL2 Connections

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_QAAL2PART_Act_Con	hua_qaal2_connections_tab.suihn4nurp2ahrhr0035xvpkr0	FLOAT	#	Average Number of Q.AAL2 connections on dual stack adjacent node	Average	Sum, Minimum, Maximum
VS_QAAL2PART_ERQ_Rx	hua_qaal2_connections_tab.suihn3turp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup requests	Sum	

				received by Q.AAL2 on dual stack adjacent node		
VS_QAAL2PART_ERQ_Tx	hua_qaal2_connections_tab.suihn3rurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup requests sent by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Est_ECF_Rx	hua_qaal2_connections_tab.suihn3xurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup confirmations received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Est_ECF_Tx	hua_qaal2_connections_tab.suihn40urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup confirmations sent by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Est_RLC_Cong_Rx	hua_qaal2_connections_tab.suihn3burp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to remote congestion	Sum	
VS_QAAL2PART_Est_RLC_Cong_Tx	hua_qaal2_connections_tab.suihn3nurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on	Sum	

				dual stack adjacent node due to switch equipment congestion		
VS_QAAL2PART_Est_RLC_Fail_Rx	hua_qaal2_connections_tab.suihn36urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to other causes (network failure, temporary failure or normal release of the far end)	Sum	
VS_QAAL2PART_Est_RLC_Fail_Tx	hua_qaal2_connections_tab.suihn3lurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on dual stack adjacent node due to other causes (network failure, temporary failure or normal release of the far end)	Sum	
VS_QAAL2PART_Est_RLC_NoBitRate_Tx	hua_qaal2_connections_tab.xlsnyb4lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of AAL2	Sum	

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				connection release confirmations sent by the Q.AAL2 because of No BitRate.		
VS_QAAL2PART_Est_RLC_NoCID_Rx	hua_qaal2_connections_tab.suihn34urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to no cid available	Sum	
VS_QAAL2PART_Est_RLC_NoCID_Tx	hua_qaal2_connections_tab.suihn3jurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on dual stack adjacent node due to no cid available	Sum	
VS_QAAL2PART_Est_RLC_NoPath_Rx	hua_qaal2_connections_tab.suihn32urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to no path configured	Sum	
VS_QAAL2PART_Est_RLC_NoPath_Tx	hua_qaal2_connections_tab.suihn3hurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on	Sum	

				dual stack adjacent node due to no path configured		
VS_QAAL2PART_Est_RLC_NoRoute_Rx	hua_qaal2_connections_tab.suihn30urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to no route	Sum	
VS_QAAL2PART_Est_RLC_NoRoute_Tx	hua_qaal2_connections_tab.suihn3furp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on dual stack adjacent node due to no route	Sum	
VS_QAAL2PART_Est_RLC_RecovOut_Rx	hua_qaal2_connections_tab.suihn3durp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node due to timeout	Sum	
VS_QAAL2PART_Est_RLC_RecovOut_Tx	hua_qaal2_connections_tab.suihn3purp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on dual stack adjacent node	Sum	

				due to timeout		
VS_QAAL2PART_Est_RLC_Rx	hua_qaal2_connections_tab.suihn3vurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup rejections received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Est_RLC_Tx	hua_qaal2_connections_tab.suihn42urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup rejections sent by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Rel_RLC_Rx	hua_qaal2_connections_tab.suihn4burp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Rel_RLC_Tx	hua_qaal2_connections_tab.suihn4durp2ahrhr0035xvpkr0	INTEGER	#	Number of connection release confirmations sent by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Rel_Rx	hua_qaal2_connections_tab.suihn46urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection releases received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_Rel_Tx	hua_qaal2_connections_tab.suihn44urp2ahrhr0035xvpkr0	INTEGER	#	Number of connection releases sent by Q.AAL2 on	Sum	

				dual stack adjacent node		
VS_QAAL2PART_RxMod	hua_qaal2_connections_tab.suihn4lurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection modification requests received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_RxModRej	hua_qaal2_connections_tab.suihn4furp2ahrhr0035xvpkr0	INTEGER	#	Number of connection modification rejections received by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_TxMod	hua_qaal2_connections_tab.suihn4jurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection modification requests sent by Q.AAL2 on dual stack adjacent node	Sum	
VS_QAAL2PART_TxModRej	hua_qaal2_connections_tab.suihn4hurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection modification rejections sent by Q.AAL2 on dual stack adjacent node	Sum	

6.3.5 ATM_Node.Huawei.UMTS.QAAL2

Q.AAL2 ATM Adaption Layer 2 data.

KPI Name	Expression	Data Type	Units	Description	Default Aggrega	Other Aggrega

					tor	tors
VS_AAL2_CAC_Att	hua_atm_node_qaal2_tab.w1r06yfv2dcqvusoy0ojhv1ngm	INTEGER	#	Number of PATH and CID allocation requests by Q.AAL2 upon reception of AAL2 connection setup requests from the upper layer	Sum	
VS_AAL2_CAC_Succ	hua_atm_node_qaal2_tab.tv5mak1fyxcngs3nvc5wmhm3ij	INTEGER	#	Number of successful PATH and CID allocations by Q.AAL2 upon reception of AAL2 connection setup requests from the upper layer.	Sum	
VS_QAAL2_Act_Con	hua_atm_node_qaal2_tab.rdcwumpajncv4dl12lfnj2u0is	FLOAT	#	Average number of active AAL2 connections to a Q.AAL2 adjacent node at all sampling points in a measurement period.	Average	Sum, Minimum, Maximum
VS_QAAL2_AllocedAveBwd_AAL2BitRate	hua_atm_node_qaal2_tab.u51dbgqcgxco1ujd5d0h6djnio	FLOAT	bits	Obsolete from UTRAN/V900R011:Average value of allocated average AAL2 bit rate in backward direction to a	Average	Sum, Minimum, Maximum

				Iub Interface Q.AAL2 adjacent node at all sampling points in a measurement period.		
VS_QAAL2_AllocedAveFwd_AAL2BitRate	hua_atm_node_qaal2_tab.w36lwwfu50cn6cjhc4dss3q4pq	FLOAT	bits	Obsolete from UTRAN/V900 R011:Average value of allocated average AAL2 bit rate in forward direction to a Iub Interface Q.AAL2 adjacent node at all sampling points in a measurement period.	Average	Sum, Minimum, Maximum
VS_QAAL2_AllocedBwd_AAL2BitRate	hua_atm_node_qaal2_tab.tgnkus6sen2ahrhqj035xvpkr0	FLOAT	bits/s	Average value of allocated average AAL2 bit rate in backward direction to a Iub Interface Q.AAL2 adjacent node at all sampling points in a measurement period.	Average	Sum, Minimum, Maximum
VS_QAAL2_AllocedFwd_AAL2BitRate	hua_atm_node_qaal2_tab.tgnkusbsen2ahrhqj035xvpkr0	FLOAT	bits/s	Average value of allocated average AAL2 bit rate in	Average	Sum, Minimum, Maximu

				forward direction to a Iub Interface Q.AAL2 adjacent node at all sampling points in a measurement period.		m
VS_QAAL2_AllocMaxBwd_AAL2BR_v	hua_atm_node_qaal2_tab.uh2kkpfiyy2ahdha0035xkcuc6	FLOAT	bits	Maximum Value of AAL2 Path Backward Bandwidth Allocated to an Adjacent Node	Constant	Sum, Minimum, Maximum
VS_QAAL2_AllocMaxFwd_AAL2BR_v	hua_atm_node_qaal2_tab.uh2kkphiyy2ahdha0035xkcuc6	FLOAT	bits	Maximum Value of AAL2 Path Forward Bandwidth Allocated to an Adjacent Node	Constant	Sum, Minimum, Maximum
VS_QAAL2_ERQ_Rx	hua_atm_node_qaal2_tab.uvmleqfmdncp0b46fcy05g3uvi	INTEGER	#	Number of AAL2 connection establishment requests received by the Q.AAL2 from an adjacent node.	Sum	
VS_QAAL2_ERQ_Tx	hua_atm_node_qaal2_tab.wq1pf1ymo4cmgerr22lfks2oe5	INTEGER	#	Number of AAL2 connection establishment requests sent to an adjacent node by QAAL2.	Sum	
VS_QAAL2_Est_ECF_Rx	hua_atm_node_qaal2_tab.t05wtegeeqbn0di3jfqm56tw65	INTEGER	#	Number of AAL2 connection	Sum	

				establishment confirmations received by Q.AAL2 from an adjacent node.		
VS_QAAL2_Est_ECF_Tx	hua_atm_node_qaal2_tab.vxvxhnp02lcnwb1hsl5aragvot	INTEGER	#	Number of AAL2 connection establishment confirmations sent by Q.AAL2 to an adjacent node.	Sum	
VS_QAAL2_Est_RLC_Cong_Rx	hua_atm_node_qaal2_tab.ugstqqkhpwcl4b3nudyt62xvks	INTEGER	#	Number of AAL2 connection release confirms received by Q.AAL2 due to remote switch equipment congestion.	Sum	
VS_QAAL2_Est_RLC_Cong_Tx	hua_atm_node_qaal2_tab.um550wneljc6fbn265ohe3vhlp	INTEGER	#	Number of AAL2 connection release confirms sent by Q.AAL2 due to switch equipment congestion.	Sum	
VS_QAAL2_Est_RLC_Fail_Rx	hua_atm_node_qaal2_tab.tirmwodqlqcsrujcabkhntjrd4	INTEGER	#	Number of AAL2 connection release confirms	Sum	

				received by Q.AAL2 due to remote network fault, temporary failure, or normal release.		
VS_QAAL2_Est_RLC_Fail_Tx	hua_atm_node_qaal2_tab.ryrnunwilcbhfshwvoqj45lh0e	INTEGER	#	Number of AAL2 connection release confirms sent by Q.AAL2 due to network fault, unknown case, or temporary failure	Sum	
VS_QAAL2_Est_RLC_NoBitRate_Tx	hua_atm_node_qaal2_tab.xlsny1flui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of AAL2 connection release confirmations sent by the Q.AAL2 because of No BitRate.	Sum	
VS_QAAL2_Est_RLC_NoCID_Rx	hua_atm_node_qaal2_tab.xkno5oiol2b1arm1ec13p52o4d	INTEGER	#	Number of AAL2 connection release confirms received by Q.AAL2 due to no resource, circuit, or channel available at remote ends.	Sum	
VS_QAAL2_Est	hua_atm_node_qaal2_tab.	INTEG	#	Number of	Sum	

_RLC_NoCID_Tx	wobqe0wpvdbc1c5nf3h11mytk2	ER		AAL2 connection release confirms sent by Q.AAL2 due to no CID or resource available.		
VS_QAAL2_Est_RLC_NoPath_Rx	hua_atm_node_qaal2_tab.tbstn42fewbestcn2xchbksx3h	INTEGER	#	Number of AAL2 connection release confirms received by Q.AAL2 due to no PATH configured.	Sum	
VS_QAAL2_Est_RLC_NoPath_Tx	hua_atm_node_qaal2_tab.vrvwf3rdgucpgb5ptrkyf0ugk6	INTEGER	#	Number of AAL2 connection release confirms sent by Q.AAL2 due to no PATH configured at the local end.	Sum	
VS_QAAL2_Est_RLC_NoRoute_Rx	hua_atm_node_qaal2_tab.simpywje2pbp0e5b033w3m0n63	INTEGER	#	Number of AAL2 connection release confirms received by Q.AAL2 due to no route to DSP.	Sum	
VS_QAAL2_Est_RLC_NoRoute_Tx	hua_atm_node_qaal2_tab.uqyacydfnfbkfbw1ld0rpcxm4g	INTEGER	#	Number of AAL2 connection	Sum	

				release confirms sent by Q.AAL2 due to no route to adjacent node		
VS_QAAL2_Est_RLC_RecovOut_Rx	hua_atm_node_qaal2_tab.rr4f2ficspcl1tfaf2vjddsskc	INTEGER	#	Number of AAL2 connection release confirms received by Q.AAL2 due to timeout.	Sum	
VS_QAAL2_Est_RLC_RecovOut_Tx	hua_atm_node_qaal2_tab.xnwqe0tnyocavebapyratf4wgn	INTEGER	#	Number of AAL2 connection release confirms sent by Q.AAL2 due to timeout.	Sum	
VS_QAAL2_Est_RLC_Rx	hua_atm_node_qaal2_tab.usue030ef3bh0rixaijlvlsf06	INTEGER	#	Number of AAL2 connection establishment rejects received by Q.AAL2 from an adjacent node.	Sum	
VS_QAAL2_Est_RLC_Tx	hua_atm_node_qaal2_tab.u51lt4orgybeyeocy01pl11h36	INTEGER	#	Number of AAL2 connection establishment rejects sent by Q.AAL2.	Sum	
VS_QAAL2_Rel_RLC_Rx	hua_atm_node_qaal2_tab.twaph3tui4co2bpejtqiftha03	INTEGER	#	Number of AAL2 connection release confirmations received by Q.AAL2 from	Sum	

				an adjacent node after Q.AAL2 initiates these releases.		
VS_QAAL2_Rel_RLC_Tx	hua_atm_node_qaal2_tab.wj5bsmlnelb3es4g0eivgnjxlp	INTEGER	#	Number of AAL2 connection release confirmations responded by Q.AAL2 to an adjacent node initiating the AAL2 connection release.	Sum	
VS_QAAL2_Rel_Rx	hua_atm_node_qaal2_tab.wk34klhegsc0od4oypba1hs3ot	INTEGER	#	Number of AAL2 connection releases initiated by an adjacent node.	Sum	
VS_QAAL2_Rel_Tx	hua_atm_node_qaal2_tab.wxpdh4oo42clsc0wl65v4fbego	INTEGER	#	Number of AAL2 connection releases sent by Q.AAL2 to an adjacent node.	Sum	
VS_QAAL2_RxMod	hua_atm_node_qaal2_tab.wt1y6ko00vb5ce5f2geasobhde	INTEGER	#	Number of AAL2 connection modification request received by Q.AAL2 from adjacent nodes.	Sum	

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VS_QAAL2_RxModRej	hua_atm_node_qaal2_tab.vg05sx0rfkc3ac5p16civra03h	INTEGER	#	Number of AAL2 connection modification rejects received by Q.AAL2 from adjacent nodes.	Sum	
VS_QAAL2_TxMod	hua_atm_node_qaal2_tab.yjtje1mvccc5prffd4lkig2xe0	INTEGER	#	Number of AAL2 connection modification request Sent to adjacent nodes by Q.AAL2.	Sum	
VS_QAAL2_TxModRej	hua_atm_node_qaal2_tab.tygf0iodlwb1asavvwjps43wuj	INTEGER	#	Number of AAL2 connection modification rejects sent by Q.AAL2 to adjacent nodes.	Sum	

6.4 ATM_Port Performance Indicators

- ATM_Port.Huawei.UMTS.ATM_PORT_UTRAN

6.4.1 ATM_Port.Huawei.UMTS.ATM_PORT_UTRAN

ATM Port data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ATMPORT_MaxKbps_Rx	hua_atm_port_atm_port_tab.y3mvnsk32dcw0e2u33sjftxykv	FLOAT	kbps	Obsolete from UTRAN/V200R010:Maximum receive Traffic of ATMPORT.	Constant	Sum, Minimum, Maximum

VS_ATMPORT_MaxKbps_Tx	hua_atm_port_atm_port_tab.xccnanl3incjwda2xnfskg6fkt	FLOAT	kbps	Obsolete from UTRAN/V200R010:Maximum transmit traffic of ATMPORT.	Constant	Sum, Minimum, Maximum
VS_ATMPORT_MeanKbps_Rx	hua_atm_port_atm_port_tab.v1hkbmeqmrcljexx6ho5qosyvb	FLOAT	kbps	Obsolete from UTRAN/V200R010:Average receive traffic of ATMPORT.	Average	Sum, Minimum, Maximum
VS_ATMPORT_MeanKbps_Tx	hua_atm_port_atm_port_tab.tiaakvcoqnc64co0k6uax1hmhs	FLOAT	kbps	Obsolete from UTRAN/V200R010:Average transmit traffic of ATMPORT.	Average	Sum, Minimum, Maximum

6.5 Cell Performance Indicators

- Cell.Huawei.UMTS.BLER_UL_CS
- Cell.Huawei.UMTS.BLER_UL_PS_NRT
- Cell.Huawei.UMTS.BLER_UL_PS_RT
- Cell.Huawei.UMTS.CE_Resource_Adjustment
- Cell.Huawei.UMTS.CE_Resources
- Cell.Huawei.UMTS.Cell_Availability
- Cell.Huawei.UMTS.Cell_Breathing
- Cell.Huawei.UMTS.Cell_Broadcast_Services
- Cell.Huawei.UMTS.Cell_Load_Change
- Cell.Huawei.UMTS.Cell_Update
- Cell.Huawei.UMTS.Channel_Switching
- Cell.Huawei.UMTS.CMB_Channels
- Cell.Huawei.UMTS.Compressed_Mode_Activation
- Cell.Huawei.UMTS.Credit_Usage
- Cell.Huawei.UMTS.DSAC
- Cell.Huawei.UMTS.Establishment
- Cell.Huawei.UMTS.Hard_HO_Global
- Cell.Huawei.UMTS.Hard_HO_Inter_RNCCN
- Cell.Huawei.UMTS.Hard_HO_InterFreq
- Cell.Huawei.UMTS.Hard_HO_InterNB_IntraRNC
- Cell.Huawei.UMTS.Hard_HO_Intra_NodeB

- Cell.Huawei.UMTS.Hard_HO_IntraFreq
- Cell.Huawei.UMTS.Hard_HO_Iur
- Cell.Huawei.UMTS.Hard_HO_MultiBand
- Cell.Huawei.UMTS.Hardware_Resources_Usage
- Cell.Huawei.UMTS.HSDPA_Mobility
- Cell.Huawei.UMTS.HSDPA_Throughput
- Cell.Huawei.UMTS.HSDPA_UE_Ratio
- Cell.Huawei.UMTS.HSDPA
- Cell.Huawei.UMTS.HSUPA_Mobility
- Cell.Huawei.UMTS.HSUPA_Ratio
- Cell.Huawei.UMTS.HSUPA_Throughput
- Cell.Huawei.UMTS.HSUPA
- Cell.Huawei.UMTS.InterRAT_HO_Incoming_CS
- Cell.Huawei.UMTS.InterRAT_HO_Incoming_PS
- Cell.Huawei.UMTS.InterRAT_HO_Outgoing_CS
- Cell.Huawei.UMTS.InterRAT_HO_Outgoing_PS
- Cell.Huawei.UMTS.InterRAT_HO_PS
- Cell.Huawei.UMTS.Load_Congestion_Control_LDR
- Cell.Huawei.UMTS.Load_Congestion_Control_OLC
- Cell.Huawei.UMTS.Load_Congestion_Control
- Cell.Huawei.UMTS.Location_Cell_Services
- Cell.Huawei.UMTS.MBMS_Cell
- Cell.Huawei.UMTS.MBMS_Channel
- Cell.Huawei.UMTS.MBMS_PTP_PTM
- Cell.Huawei.UMTS.Measurement_Reports_UMTS
- Cell.Huawei.UMTS.MultiRab
- Cell.Huawei.UMTS.NBAP_Statistics
- Cell.Huawei.UMTS.Paging
- Cell.Huawei.UMTS.RAB_Abnorm_Release_CS
- Cell.Huawei.UMTS.RAB_Abnorm_Release_HSDPA
- Cell.Huawei.UMTS.RAB_Abnorm_Release_HSUPA
- Cell.Huawei.UMTS.RAB_Abnorm_Release_PS
- Cell.Huawei.UMTS.RAB_Abnorm_Release
- Cell.Huawei.UMTS.RAB_Blocking_PS
- Cell.Huawei.UMTS.RAB_CSQueueTime_Cell
- Cell.Huawei.UMTS.RAB_DCH_to_EDCH_Switch
- Cell.Huawei.UMTS.RAB_Establish_Failure_CS
- Cell.Huawei.UMTS.RAB_Establish_Failure_PS
- Cell.Huawei.UMTS.RAB_Establishment_AMR_WB
- Cell.Huawei.UMTS.RAB_Establishment_AMR
- Cell.Huawei.UMTS.RAB_Establishment_CCH
- Cell.Huawei.UMTS.RAB_Establishment_CS_Conv
- Cell.Huawei.UMTS.RAB_Establishment_CS_Stream
- Cell.Huawei.UMTS.RAB_Establishment_CS
- Cell.Huawei.UMTS.RAB_Establishment_DCH
- Cell.Huawei.UMTS.RAB_Establishment_PS_Bkg

- Cell.Huawei.UMTS.RAB_Establishment_PS_Conv
- Cell.Huawei.UMTS.RAB_Establishment_PS_DCH
- Cell.Huawei.UMTS.RAB_Establishment_PS_Global
- Cell.Huawei.UMTS.RAB_Establishment_PS_Inter
- Cell.Huawei.UMTS.RAB_Establishment_PS_Stream
- Cell.Huawei.UMTS.RAB_Modify_CS
- Cell.Huawei.UMTS.RAB_Modify_PS
- Cell.Huawei.UMTS.RAB_Release_CMB
- Cell.Huawei.UMTS.RAB_Release_CS
- Cell.Huawei.UMTS.RAB_Release_PS
- Cell.Huawei.UMTS.RAC_Failures_due_to_Congestion
- Cell.Huawei.UMTS.RAC_Failures_NewCallRequest
- Cell.Huawei.UMTS.Radio_Admission_Control
- Cell.Huawei.UMTS.Radio_Bearer_Usage_AMR_WB
- Cell.Huawei.UMTS.Radio_Bearer_Usage_AMR
- Cell.Huawei.UMTS.Radio_Bearer_Usage_CS
- Cell.Huawei.UMTS.Radio_Bearer_Usage_DRD_IFFreq
- Cell.Huawei.UMTS.Radio_Bearer_Usage_DRD
- Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Bkg
- Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Conv
- Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Inter
- Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Stream
- Cell.Huawei.UMTS.Radio_Bearer
- Cell.Huawei.UMTS.RLC_HSDPA
- Cell.Huawei.UMTS.RLC_R99
- Cell.Huawei.UMTS.RLC_Statistics
- Cell.Huawei.UMTS.RRC_Connection_Global
- Cell.Huawei.UMTS.RRC_Connection_Reject
- Cell.Huawei.UMTS.RRC_Connection_Release
- Cell.Huawei.UMTS.RRC_Connection_Request_per_cause
- Cell.Huawei.UMTS.RRC_Connection_Setup_per_cause
- Cell.Huawei.UMTS.RRC_Connection_Times
- Cell.Huawei.UMTS.Rx_and_Tx_Power
- Cell.Huawei.UMTS.SIR_Target_CS
- Cell.Huawei.UMTS.SIR_Target_PS_NRT
- Cell.Huawei.UMTS.SIR_Target_PS_RT
- Cell.Huawei.UMTS.Soft_Handover
- Cell.Huawei.UMTS.Softer_Handover
- Cell.Huawei.UMTS.Throughput_AMR
- Cell.Huawei.UMTS.Throughput_CS_Conv
- Cell.Huawei.UMTS.Throughput_CS_Stream
- Cell.Huawei.UMTS.Throughput_MBMS

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- Cell.Huawei.UMTS.Throughput_PS_Bkg_DL
- Cell.Huawei.UMTS.Throughput_PS_Bkg_UL
- Cell.Huawei.UMTS.Throughput_PS_Conv
- Cell.Huawei.UMTS.Throughput_PS_Inter_DL
- Cell.Huawei.UMTS.Throughput_PS_Inter_UL
- Cell.Huawei.UMTS.Throughput_PS_Stream
- Cell.Huawei.UMTS.Throughput_PS
- Cell.Huawei.UMTS.Throughput_SRB
- Cell.Huawei.UMTS.Throughput_VP
- Cell.Huawei.UMTS.Traffic_CS
- Cell.Huawei.UMTS.Traffic_Global
- Cell.Huawei.UMTS.Traffic_PS
- Cell.Huawei.UMTS.UL_Speech_Quality
- Cell.Huawei.UMTS.URA_Updating

6.5.1 Cell.Huawei.UMTS.BLER_UL_CS

Block Error Rate Uplink CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
UL_BLER_Out_CSAMR_OutTime	hua_cell_bler_ul_cs_tab.yqj0snetfbc1mrrf65byxnudku	INTEGER	#	No description.	Sum	hucasebh, huctbh
UL_BLER_Out_CSAMR_TotalTime	hua_cell_bler_ul_cs_tab.sd5f1vsvm2cvlc2nc3bevjl52w	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
ULBLER_CS_14_4_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.xnyg45jg6uchwtbmht2rgo3q1l	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_14_4_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.t3wlstwosnbfwc6li6vpbcrkvk	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_28_8_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.s52q3ijcu5cctupmp6i14153f5	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_28_8_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.wf0k3dkncublqbeyu230bqbe2m	INTEGER	#	No description.	Sum	hucasebh, huctbh

ULBLER_CS_56_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.wesi4rdx5gbf1r0eaklhatbsgi	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_56_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.wnqrr3rqkdcxgexd4qmj31wl2c	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_57_6_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.w0tinvjog1clbukncsustbhvrh	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_57_6_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.xq4nq4idtlbpyroeptlbe4bb3i	INTEGER	#	No description.	Sum	hucasebh, huctbh
ULBLER_CS_64_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.vc2k1acdlub0ibybs2p6urtbgi	INTEGER	#	Number of TBs with UL CRCI Error Received by CS 64 kbit/s Services for Cell	Sum	hucasebh, huctbh
ULBLER_CS_64_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.tgafitbtercq5ehmy5jybvyln0	INTEGER	#	Number of BLER Samplings for CS 64 kbit/s Services for Cell	Sum	hucasebh, huctbh
ULBLER_CS_AMR_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.rywc6w3a1bcuts2kcdhhysoivp	INTEGER	#	Number of TBs with UL CRCI Error Received by CS AMR Speech Services for Cell	Sum	hucasebh, huctbh
ULBLER_CS_AMR_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.yoh0ybhcvoctxu3e5m5veapnqq	INTEGER	#	Number of BLER Samplings for CS AMR	Sum	hucasebh, huctbh

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				Speech Services for Cell		
ULBLER_PS NRT_128K_E RR_TB_NUM	hua_cell_bler_ul_cs_tab.rjmwhviau1be6bpwvsx6ckpcnt	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 128 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_128K_S AMPLE_TIMES	hua_cell_bler_ul_cs_tab.tjm5nsaajmb3gd45onh4wi1tmy	INTEGER	#	Number of BLER Samplings for PS 128 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_144K_E RR_TB_NUM	hua_cell_bler_ul_cs_tab.trl1e5epwbbo2uo3o10vg4236b	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 144 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_144K_S AMPLE_TIMES	hua_cell_bler_ul_cs_tab.wpoj4jchhnbbbtsxpi2ny4kgkw	INTEGER	#	Number of BLER Samplings for PS 144 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_16K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.rux4x64sfpceprmq53mibwuxlv	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 16 kbit/s Non-Real-	Sum	hucasebh, huctbh

				Time Services for Cell		
ULBLER_PS NRT_16K_SA MPLE_TIMES	hua_cell_bler_ul_cs_tab.ugwk1k12ulbvwt1103m46tvnxg	INTEGER	#	Number of BLER Samplings for PS 16 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_256K_E RR_TB_NUM	hua_cell_bler_ul_cs_tab.thmrhg2hwqbdptcuh42wdvy3fv	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 256 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_256K_S AMPLE_TIM ES	hua_cell_bler_ul_cs_tab.r4eldgykeycu0uydptkuxo1tly	INTEGER	#	Number of BLER Samplings for PS 256 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_32K_ER R_TB_NUM	hua_cell_bler_ul_cs_tab.v5qmv6p6d4cxhbivt25nkhjiwh	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 32 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS	hua_cell_bler_ul_cs_tab.vjj	INTEG	#	Number of	Sum	hucasebh

NRT_32K_SAMPLE_TIMES	e6f03fochmrodh0nwiap4ro	ER		BLER Samplings for PS 32 kbit/s Non-Real-Time Services for Cell		, huctbh
ULBLER_PS NRT_384K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.r6kvy2236jb13tvvdljeiqpycq	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 384 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_384K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.ruhaofwukxciuts6qypak2idgd	INTEGER	#	Number of BLER Samplings for PS 384 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_64K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.taefnul65bbagcf3w1tlxmf3nv	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 64 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_64K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.ssevumtld6bvtd6lnhu12hytai	INTEGER	#	Number of BLER Samplings for PS 64 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PS NRT_8K_ERR	hua_cell_bler_ul_cs_tab.rskq3shtspcntd63hc530aovo	INTEGER	#	Number of TBs with UL	Sum	hucasebh, huctbh

_TB_NUM	m			CRCI Error Received by PS 8 kbit/s Non-Real-Time Services for Cell		
ULBLER_PSNRT_8K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.ykxbaxrd2vcpgto2haugsfiqjq	INTEGER	#	Number of BLER Samplings for PS 8 kbit/s Non-Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_16K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.v1a5fpt1i3b3jtqkju6b5ahjpk	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 16 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_16K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.rurq3vlocebk0s0ady65ak6wux	INTEGER	#	Number of BLER Samplings for PS 16 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_32K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.rl1a31v0cqctvdgx3mmhq0sp4k	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 32 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh

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ULBLER_PSRT_32K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.u3hrx16pdscgtcq5lqad2t1iqd	INTEGER	#	Number of BLER Samplings for PS 32 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_64K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.tkprqptljtbojdvtadrayxofmu	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 64 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_64K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.xcxnn6xi13bexsgidrr1culupu	INTEGER	#	Number of BLER Samplings for PS 64 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_8K_ERR_TB_NUM	hua_cell_bler_ul_cs_tab.y4fqg40lmpbx1uxk21wfdfr3nn	INTEGER	#	Number of TBs with UL CRCI Error Received by PS 8 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
ULBLER_PSRT_8K_SAMPLE_TIMES	hua_cell_bler_ul_cs_tab.u4d6rirmxabtqcdkahmwtpkcmf	INTEGER	#	Number of BLER Samplings for PS 8 kbit/s Real-Time Services for Cell	Sum	hucasebh, huctbh
VS_UL_BLer_Out_CSAMR	hua_cell_bler_ul_cs_tab.uuo23ixilk2ahdh6b035xkcuc6	FLOAT	%	Time Occupancy of Max DCH UL BLER Carrying AMR Speech	Constant	hucasebh, huctbh, Sum, Minimum, Maximu

				Service (Cell)		m
VS_ULBler_Out_CSRT_14_4_OutTime	hua_cell_bler_ul_cs_tab.ruky32vok4byeu4la60ml1ffjn	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_14_4_TotalTime	hua_cell_bler_ul_cs_tab.tjr0cvcqfrcyfsjsvddsprtfty	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_14_4	hua_cell_bler_ul_cs_tab.r5mc5gajplcfnstts4u0kvgl53	FLOAT	%	This item provides the ratio of the time taken by CS 14.4K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_CSRT_28_8_OutTime	hua_cell_bler_ul_cs_tab.xgee6nl151bueui6hhh1bgt6xd	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_28_8_TotalTime	hua_cell_bler_ul_cs_tab.y1ekroei4wbe2bh5monwiktbln	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_28_8	hua_cell_bler_ul_cs_tab.xj5mdf325cbgmu636js5qxlqa6	FLOAT	%	This item provides the ratio of the time taken by CS 28.8K real-time service to	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				reach the maximum DCH UL BLER to that by the whole power control in a cell.		
VS_ULBler_Out_CSRT_56_OutTime	hua_cell_bler_ul_cs_tab.vfl3tnl5sjbpoeehfvg0abacny	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_56_TotalTime	hua_cell_bler_ul_cs_tab.s4gxqjhtgic20sc3bxg4u6h5ac	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_56	hua_cell_bler_ul_cs_tab.wskcnrm05ab1pcig3esx2jk5tq	FLOAT	%	This item provides the ratio of the time taken by CS 56K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_CSRT_57_6_OutTime	hua_cell_bler_ul_cs_tab.tr6gnw0ilvcykrxiapi4qb0pj4	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_57_6_TotalTime	hua_cell_bler_ul_cs_tab.t4f00rgoc6b5adpfqntqg0sxnl	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_57_6	hua_cell_bler_ul_cs_tab.x2ub6ackiicwhdyw6f5cwm4xmm	FLOAT	%	This item provides the ratio of the time taken by CS 57.6K real-time	Average	hucasebh, huctbh, Sum, Minimum, Maximu

				service to reach the maximum DCH UL BLER to that by the whole power control in a cell.		m
VS_ULBler_Out_CSRT_64_OutTime	hua_cell_bler_ul_cs_tab.swfaeoeip0bugr6uh34w5we2m5	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_64_TotalTime	hua_cell_bler_ul_cs_tab.vygfo0vfffc0it0roc50nvgskq	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_CSRT_64	hua_cell_bler_ul_cs_tab.xfslq0ohyac00dnoflpnp1hyxl	FLOAT	%	This item provides the ratio of the time taken by CS 64K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerAMR	hua_cell_bler_ul_cs_tab.sjsgt46w5pbfpecdx5k43b1l1f	FLOAT	%	UL BLER on the dedicated transport channel carrying AMR speech services in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerCS	hua_cell_bler_ul_cs_tab.rtv	FLOAT	%	UL BLER on	Average	hucasebh

RT_14_4	ybp0eixbklsgcglnkpcdkeh			the dedicated transport channel when carrying the CS 14.4 K real-time service in a cell.		, huctbh, Sum, Minimum, Maximum
VS_ULBlerCSRT_28_8	hua_cell_bler_ul_cs_tab.wx6ie4iinkcansm4nf5cxeo1ay	FLOAT	%	UL BLER on the dedicated transport channel when carrying the CS 28.8 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerCSRT_56	hua_cell_bler_ul_cs_tab.w0ndehhfohc5jc0ob5bqvryuhk	FLOAT	%	UL BLER on the dedicated transport channel when carrying the CS 56 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerCSRT_57_6	hua_cell_bler_ul_cs_tab.vt3vntj4t6bvabynl0wjpou3o1	FLOAT	%	UL BLER on the dedicated transport channel when carrying the CS 57.6 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerCSRT_64	hua_cell_bler_ul_cs_tab.xsxhal41drb0tckhgmbf640gtm	FLOAT	%	UL BLER on the dedicated transport channel when carrying the CS 64 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.2 Cell.Huawei.UMTS.BLER_UL_PS_NRT

Block Error Rate Uplink PS NRT data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ULBler_Out_PSNrt_DCH_128_OutTime	hua_cell_bler_ul_ps_nrt_tab.xkdeeht20ubpeb5n2d2vbuqvhi	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_128_TotalTime	hua_cell_bler_ul_ps_nrt_tab.ymhw61rs0cb33bwssik6xn2ung	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_128	hua_cell_bler_ul_ps_nrt_tab.u41ikotiukb33s436bwk1ciuyf	FLOAT	%	This item provides the ratio of the time taken by PS 128K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSNrt_DCH_144_OutTime	hua_cell_bler_ul_ps_nrt_tab.s0yjuu0ik1cokui6lovdty0af6	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_144_TotalTime	hua_cell_bler_ul_ps_nrt_tab.t6bqubskh3cn3umwdect2k4orp	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh

VS_ULBler_Out_PSNrt_DCH_144	hua_cell_bler_ul_ps_nrt_tab.xpqpss1rmdcsceeeb0caq3dlcg	FLOAT	%	This item provides the ratio of the time taken by PS 144K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSNrt_DCH_16_OutTime	hua_cell_bler_ul_ps_nrt_tab.rgrelx53g6c1mckqko6djduh4b	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_16_TotalTime	hua_cell_bler_ul_ps_nrt_tab.rnoolc4qo1cdhslk2styumvhkl	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_16	hua_cell_bler_ul_ps_nrt_tab.rgdhy5wip6bt1exuslkcdevnjd	FLOAT	%	This item provides the ratio of the time taken by PS 16K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSNrt_DCH_256_OutTime	hua_cell_bler_ul_ps_nrt_tab.yqkbsdnrrtbtnsadm5ovexd3xe	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

VS_ULBler_Out_PSNrt_DCH_256_TotalTime	hua_cell_bler_ul_ps_nrt_tab.skyhusxcqlb5pbuvj3ldedhpvv	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_256	hua_cell_bler_ul_ps_nrt_tab.wrvhoa4avtc5qsad10ijxgn26c	FLOAT	%	This item provides the ratio of the time taken by PS 256K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSNrt_DCH_32_OutTime	hua_cell_bler_ul_ps_nrt_tab.uc154g2k42c0nt3trsmsndano5	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_32_TotalTime	hua_cell_bler_ul_ps_nrt_tab.uxddxfd11lc5isqd3bj4lxlm3l	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_32	hua_cell_bler_ul_ps_nrt_tab.x6vabjlijobqdeudk0w1xhhiqv	FLOAT	%	This item provides the ratio of the time taken by PS 32K non-real-time service to reach the maximum DCH UL	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				BLER to that by the whole power control in a cell.		
VS_ULBler_Out_PSNrt_DCH_384_OutTime	hua_cell_bler_ul_ps_nrt_tab.u3eii0cje0bxoteoo6rgwom6vu	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_384_TotalTime	hua_cell_bler_ul_ps_nrt_tab.swkiwhq24ebg3cgqrbwi1mqjda	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_384	hua_cell_bler_ul_ps_nrt_tab.s2jowmkmnobyddr25qjh5shypm	FLOAT	%	This item provides the ratio of the time taken by PS 384K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSNrt_DCH_64_OutTime	hua_cell_bler_ul_ps_nrt_tab.wnete6qyqbci4btsa015eqc5h2	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_64_TotalTime	hua_cell_bler_ul_ps_nrt_tab.wpfhtvgatxb1qsbmtd3dccw11k	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_64	hua_cell_bler_ul_ps_nrt_tab.umholxsfvicpwb65tbl6x20hrd	FLOAT	%	This item provides the ratio of the time taken	Average	hucasebh, huctbh, Sum, Minimu

				by PS 64K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell		m, Maximum
VS_ULBler_Out_PSNrt_DCH_8_OutTime	hua_cell_bler_ul_ps_nrt_tab.t2dmbhweqxcy1uj1ycxj50nqih	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_8_TotalTime	hua_cell_bler_ul_ps_nrt_tab.rmywsso6fucdgs5pdjdhuqvbb2	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSNrt_DCH_8	hua_cell_bler_ul_ps_nrt_tab.xaectc13eeb4sdhl5bmv06hc0v	FLOAT	%	This item provides the ratio of the time taken by PS 8K non-real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBLER_PSNRT_RACH8_ERR_TB_NUM	hua_cell_bler_ul_ps_nrt_tab.xd5gma2ahk26sdgmb00hw05bpa	INTEGER	#	No description.	Sum	hucasebh, huctbh

VS_ULBLER_PSNRT_RACH8_SAMPLE_TIMES	hua_cell_bler_ul_ps_nrt_tab.xda15s6ahk26sdgmb00hw05bpa	INTEGER	#	No description.	Sum	hucasebh, huctbh
VS_ULBler_PSNrt_Rach8	hua_cell_bler_ul_ps_nrt_tab.xlysedsfn1co0uh0ymo4ssqaqs	FLOAT	%	This item provides the ratio of the time taken by PS 8K non-real-time service to reach the maximum RACH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_128	hua_cell_bler_ul_ps_nrt_tab.yllu4whwa2bs1cmfauahc33goy	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 128 K non-real-time service in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_144	hua_cell_bler_ul_ps_nrt_tab.ylct0w3urgbb2sxd1uieglscu1	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 144 K non-real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsN	hua_cell_bler_ul_ps_nrt_ta	FLOA	%	UL BLER	Average	hucasebh

RTDch_16	b.v2kxg6w2xscejtlonxv4c5rtlb	T		on the dedicated transport channel when carrying the PS 16 K non-real-time service in a cell.		, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_256	hua_cell_bler_ul_ps_nrt_tab.wfrf1k4j4abp1dd4bwcbkqwsnm	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 256 K non-real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_32	hua_cell_bler_ul_ps_nrt_tab.yaygh230lscn0dibl4o2f3dio6	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 32 K non-real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_384	hua_cell_bler_ul_ps_nrt_tab.sa1sdl6jcycp2d3aaerevd5r44	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 384 K	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				non-real-time service in a cell.		
VS_ULBlerPsNRTDch_64	hua_cell_bler_ul_ps_nrt_tab.vkpjd62ilhbugtllsg3wxag10q	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 64 K non-real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPsNRTDch_8	hua_cell_bler_ul_ps_nrt_tab.yjfsvmawenbowdyeafhxaey60j	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 8 K non-real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.3 Cell.Huawei.UMTS.BLER_UL_PS_RT

Block Error Rate Uplink PS RT data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ULBler_Out_PSRT_144_OutTime	hua_cell_bler_ul_ps_rt_tab.r3x0ljwlmgbavtdmtq53pq464i	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_144_TotalTime	hua_cell_bler_ul_ps_rt_tab.yuwtnkq3feb3qtm0ch0n46v3gd	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_144	hua_cell_bler_ul_ps_rt_tab.ssgwxmaag6bwrri26ke3gcp5yi	FLOAT	%	This item provides the ratio of the	Average	hucasebh, huctbh, Sum,

				time taken by PS 144K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.		Minimum, Maximum
VS_ULBler_Out_PSRT_16_OutTime	hua_cell_bler_ul_ps_rt_tab.xppq1n3ihkbxluw5l3nsoxubbl	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_16_TotalTime	hua_cell_bler_ul_ps_rt_tab.t6arjuxklhbn2uxarhsyg646a0	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_16	hua_cell_bler_ul_ps_rt_tab.vtv3e11un0cbfbykjqpl3uvufm	FLOAT	%	This item provides the ratio of the time taken by PS 16K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSRT_32_OutTime	hua_cell_bler_ul_ps_rt_tab.yo323hl2m3b3nbeiss6ltodxht	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_32_TotalTime	hua_cell_bler_ul_ps_rt_tab.ucs3ecl31cb64bbn0lo3jlnlvv	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_O	hua_cell_bler_ul_ps_rt_ta	FLOAT	%	This item	Average	hucasebh

ut_PSRT_32	b.v5ynkotwpvbuddkn0dt3i42uwi			provides the ratio of the time taken by PS 32K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.		, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSRT_64_OutTime	hua_cell_bler_ul_ps_rt_tab.rrgaqnloxpb23r2tg3nnts4qp1	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_64_TotalTime	hua_cell_bler_ul_ps_rt_tab.v4emwo34a2cj5u4nn2hxtf345d	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_64	hua_cell_bler_ul_ps_rt_tab.u1v6bcv3vbbotumuxwjrofi3kj	FLOAT	%	This item provides the ratio of the time taken by PS 64K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBler_Out_PSRT_8_OutTime	hua_cell_bler_ul_ps_rt_tab.vx03cjxbrqb4teslyble2i5yau	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_8_TotalTime	hua_cell_bler_ul_ps_rt_tab.w4upj2nq0fb2uekkjshv2ygfo3	INTEGER	milliseconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_ULBler_Out_PSRT_8	hua_cell_bler_ul_ps_rt_tab.wi3io2phkackrd4vfsmi64jdhu	FLOAT	%	This item provides the ratio of the	Average	hucasebh, huctbh, Sum,

				time taken by PS 8K real-time service to reach the maximum DCH UL BLER to that by the whole power control in a cell.		Minimum, Maximum
VS_ULBlerPSRT_16	hua_cell_bler_ul_ps_rt_tab.rqhqitkgp4c4bdnubn40rcejoy	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 16 K real-time service in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPSRT_32	hua_cell_bler_ul_ps_rt_tab.xxuchdwtgqbh3dhi4qqlhbulso	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 32 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPSRT_64	hua_cell_bler_ul_ps_rt_tab.x13u6sqdddcgosv3fcrewid4vt	FLOAT	%	UL BLER on the dedicated transport channel when carrying the PS 64 K real-time service in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULBlerPSRT_8	hua_cell_bler_ul_ps_rt_tab.rmhwi1xiljbkltqwwf0tmwu2cx	FLOAT	%	UL BLER on the dedicated transport channel when carrying the	Average	hucasebh, huctbh, Sum, Minimum,

				PS 8 K real-time service in a cell.		Maximum

6.5.4 Cell.Huawei.UMTS.CE_Resource_Adjustment

CE Resource Adjustment

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DCCC_DL_CongDownsizing_Att	hua_ceresourceadjust_tab.yearpupupw2ahrhr0035xvpkr0	INTEGER	#	Number of congestion-based rate downsizing attempts for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_CongDownsizing_Succ	hua_ceresourceadjust_tab.yearpurupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of congestion-based rate downsizing for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_CovDownsizing_Att	hua_ceresourceadjust_tab.yearpulupw2ahrhr0035xvpkr0	INTEGER	#	Number of coverage-based rate downsizing attempts for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_CovDownsizing_Succ	hua_ceresourceadjust_tab.yearpunupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of coverage-based rate downsizing for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_	hua_ceresourceadjust_tab.	INTEG	#	Number of	Sum	hucasebh

ThrDownsizing_Att	yearpuhupw2ahrhr0035xvpkr0	ER		traffic-volume-based rate downsizing attempts for DCCC on DCH in DL		, huctbh
VS_DCCC_DL_ThrDownsizing_Succ	hua_ceresourceadjust_tab.yearpujupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of traffic-volume-based rate downsizing for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_Upsizing_Att	hua_ceresourceadjust_tab.yearpudupw2ahrhr0035xvpkr0	INTEGER	#	Number of rate upsizing attempts for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_DL_Upsizing_Succ	hua_ceresourceadjust_tab.yearpufupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of rate upsizing for DCCC on DCH in DL	Sum	hucasebh, huctbh
VS_DCCC_E2E_ReqRateDown_UE	hua_ceresourceadjust_tab.xlsnxqhlui2aidkrb02ofawjhk	INTEGER	#	Number of attempts to downsize the rate for EDCH to EDCH DCCC based on traffic volume (RLC BO) or throughput in the uplink.	Sum	hucasebh, huctbh
VS_DCCC_E2E_ReqRateUp_UE	hua_ceresourceadjust_tab.xlsnxqflui2aidkrb02ofawj	INTEGER	#	Obsolete from UTRAN/V900	Sum	hucasebh, huctbh

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	hk			R011:Number of attempts to upsize the rate for EDCH to EDCH DCCC based on traffic volume (RLC BO) or throughput in the uplink.		
VS_DCCC_E2E_SuccRateDown_UE	hua_ceresourceadjust_tab.xlsnxqllui2aidkrb02ofawjhk	INTEGER	#	Number of sucessful operations to downsize the rate for EDCH to EDCH DCCC based on traffic volume (RLC BO) or throughput in the uplink.	Sum	hucasebh, huctbh
VS_DCCC_E2E_SuccRateUp_UE	hua_ceresourceadjust_tab.xlsnxqjlui2aidkrb02ofawjhk	INTEGER	#	Number of sucessful operations to upsize the rate for EDCH to EDCH DCCC based on traffic volume (RLC BO) or throughput in the uplink.	Sum	hucasebh, huctbh
VS_DCCC_UL_CongDownsizing_Att	hua_ceresourceadjust_tab.xlsnxq0lui2aidkrb02ofawjhk	INTEGER	#	Number of attempts to downsize the rate for DCCC based on Congestion on DCH in the uplink in the best cell.	Sum	hucasebh, huctbh
VS_DCCC_UL_	hua_ceresourceadjust_tab.	INTEG	#	Number of	Sum	hucasebh

CongDownsizing_Succ	xlsnxq2lui2aidkrb02ofawjhk	ER		Successful Operations to downsize the rate for DCCC based on Congestion on DCH in the uplink in the best cell.		, huctbh
VS_DCCC_UL_CovDownsizing_Att	hua_ceresourceadjust_tab.xlsnxpvlui2aidkrb02ofawjhk	INTEGER	#	Number of attempts to downsize the rate for DCCC based on Coverage on DCH in the uplink in the best cell.	Sum	hucasebh, huctbh
VS_DCCC_UL_CovDownsizing_Succ	hua_ceresourceadjust_tab.xlsnxpxlui2aidkrb02ofawjhk	INTEGER	#	Number of Successful Operations to downsize the rate for DCCC based on Coverage on DCH in the uplink in the best cell.	Sum	hucasebh, huctbh
VS_DCCC_UL_Downsizing_Att	hua_ceresourceadjust_tab.yearpuxupw2ahrhr0035xvpkr0	INTEGER	#	Number of rate downsizing attempts for DCCC on DCH in UL	Sum	hucasebh, huctbh
VS_DCCC_UL_Downsizing_Succ	hua_ceresourceadjust_tab.yearpv0upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of rate downsizing for DCCC on	Sum	hucasebh, huctbh

				DCH in UL		
VS_DCCC_UL_Upsizing_Att	hua_ceresourceadjust_tab.yearputupw2ahrhr0035xvpkr0	INTEGER	#	Number of rate upsizing attempts for DCCC on DCH in UL	Sum	hucasebh, huctbh
VS_DCCC_UL_Upsizing_Succ	hua_ceresourceadjust_tab.yearpuvupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of rate upsizing for DCCC on DCH in UL	Sum	hucasebh, huctbh

6.5.5 Cell.Huawei.UMTS.CE_Resources

CE resources data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAC_DCCC_Fail_DLCE_Cong	hua_cell_ce_res_tab.uh2kkrdiyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request DL CE resources in the DCCC procedure	Sum	hucasebh, huctbh
VS_RAC_DCCC_Fail_ULCE_Cong	hua_cell_ce_res_tab.uh2kkrfiyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request UL CE resources in the DCCC procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_DLCE_Cong	hua_cell_ce_res_tab.uh2kkrhiyy2ahdha0035xkcuc6	INTEGER	#	Number of unsuccessfully applying for DL CE resources in each failed cell in HHO Procedure.	Sum	hucasebh, huctbh
VS_RAC_HH	hua_cell_ce_res_tab.uh2k	INTEG	#	Number of	Sum	hucasebh

O_Fail_ULCE_Cong	krjiyy2ahdha0035xkcuc6	ER		unsuccessfully applying for UL CE resources in each failed cell in HHO Procedure.		, huctbh
VS_RAC_NewReq_Fail_DLCE_Cong	hua_cell_ce_res_tab.uh2kkrliyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request DL CE resources in the RRC/RAB SETUP procedure	Sum	hucasebh, huctbh
VS_RAC_NewReq_Fail_ULCE_Cong	hua_cell_ce_res_tab.uh2kkrniyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request UL CE resources in the RRC/RAB SETUP procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_DLCE_Cong	hua_cell_ce_res_tab.uh2kkrpiyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request DL CE resources in the SHO procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_ULCE_Cong	hua_cell_ce_res_tab.uh2kkrriyy2ahdha0035xkcuc6	INTEGER	#	Number of failures in each cell to request UL CE resources in the SHO procedure	Sum	hucasebh, huctbh

6.5.6 Cell.Huawei.UMTS.Cell_Availability

Cell Availability data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Cell_Ratio_UnavailTime_OM	hua_cell_cell_avail_tab.ub2wgr6iyy2ahdha0035xkcuc6	FLOAT	#	This measurement item takes statistics of the unavailability ratio of a cell in the RNC, that is, the out-of-service ratio of a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_Cell_UnavailTime_OM	hua_cell_cell_avail_tab.x5uc5vomancd2b2g6vencpo4ik	INTEGER	seconds	Unavailability duration (in seconds) of a cell in the RNC.	Sum	hucasebh, huctbh
VS_Cell_UnavailTime_Sys	hua_cell_cell_avail_tab.xlsnxq4lui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the unavailability duration of a cell caused by system fault in the RNC.	Sum	hucasebh, huctbh
VS_Eul_UnavailTime	hua_cell_cell_avail_tab.xlsnxqblui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the Hsupa service unavailability duration of a cell caused by system fault in the RNC.	Sum	hucasebh, huctbh
VS_Hsdpa_UnavailTime	hua_cell_cell_avail_tab.xlsnxq6lui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the Hsdpa service unavailability	Sum	hucasebh, huctbh

				duration of a cell caused by system fault in the RNC.		

6.5.7 Cell.Huawei.UMTS.Cell_Breathing

Cell Breathing data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CellBreath_CPICHDown	hua_cell_cell_breath_tab.yxmmrgx3lpcbtelnlff4yblb6e	INTEGER	#	Number of CPICH power decreases due to cell breathing in a cell	Sum	hucasebh, huctbh
VS_CellBreath_CPICHMax_Time	hua_cell_cell_breath_tab.v0bi36xa1bctmr5pugocmyjj3k	INTEGER	seconds	Duration of the maximum value of CPICH power due to cell breathing in a cell	Sum	hucasebh, huctbh
VS_CellBreath_CPICHMin_Time	hua_cell_cell_breath_tab.vtipi1jj3qblhuoudjsocit1ws	INTEGER	seconds	Duration of the minimum value of CPICH power due to cell breathing in a cell	Sum	hucasebh, huctbh
VS_CellBreath_CPICHUp	hua_cell_cell_breath_tab.v1tog0gr46bcjutkskdy5u3og2	INTEGER	#	Number of CPICH power increases due to cell breathing in a cell	Sum	hucasebh, huctbh

VS_CellBreath_TCPOver_Time	hua_cell_cell_breath_tab.sj0hr3knvec4ieo2h4frv1bgqw	INTEGER	seconds	Duration for which TCP is greater than the higher threshold configured for cell breathing in a cell	Sum	hucasebh, huctbh
VS_CellBreath_TCPUnder_Time	hua_cell_cell_breath_tab.xko4rvek4bcbnd5fthbrf1a4tv	INTEGER	seconds	Duration for which TCP is smaller than the lower threshold configured for cell breathing in a cell	Sum	hucasebh, huctbh
VS_DLTxPwrAMR_WB	hua_cell_cell_breath_tab.ub2wgrfiyy2ahdha0035xkcuc6	FLOAT	dBm	This measurement item takes statistics of the average downlink code transmit power for AMR WB connection in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_DLTxPwrAMR	hua_cell_cell_breath_tab.s05ebrioymbvmrhun6q1d3p6oo	FLOAT	dBm	Average downlink transmit power for AMR connection in the best cell. Unit: dBm	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.8 Cell.Huawei.UMTS.Cell_Broadcast_Services

Cell Broadcast Services data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CBS_MaxNumStored	hua_cell_bcast_serv_tab.u2egyjvy0lbo5bomgfttt0wu	INTEGER	#	The RNC periodically	Constant	hucasebh, huctbh,

	qq			samples the number of CBS messages stored by the BMC and saves the maximum number.		Sum, Minimum, Maximum
VS_CBS_MeanNumStored_Deno	hua_cell_bcast_serv_tab.tdegqt44khbbysu3h666jtmjy5	FLOAT	#	Average number of CBS messages stored by the BMC in a cell in a measurement period. Number of samples	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CBS_MeanNumStored	hua_cell_bcast_serv_tab.w0ea6e5r1hckmtevlkpd1qn6yk	FLOAT	#	Average number of CBS messages stored by the BMC in a cell in a measurement period	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CBS_MinNumStored	hua_cell_bcast_serv_tab.ys2gtglkv6bvtbulovkhuag65t	INTEGER	#	The RNC periodically samples the number of CBS messages stored by the BMC and saves the minimum number.	Sum	hucasebh, huctbh
VS_CBS_NumBMCCongIND	hua_cell_bcast_serv_tab.tbstt5ogjdbwyrkenbrctv5k4v	INTEGER	#	Number of CONGESTION INDICATION messages sent by BMC in a	Sum	hucasebh, huctbh

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				cell.		
VS_CBS_NumRX	hua_cell_bcast_serv_tab.vdeqwpy6lrbj3dhqcx2kn3kpff	INTEGER	#	Number of CBS messages received by the BMC in a cell.	Sum	hucasebh, huctbh
VS_CBS_NumStored_Num	hua_cell_bcast_serv_tab.tp1cpkotsbbygs3vw5qrqeq2yy	INTEGER	#	No description.	Sum	hucasebh, huctbh
VS_CBS_NumTXUE	hua_cell_bcast_serv_tab.ux1fsktie1bg3exjsfardwvbuu	INTEGER	#	Number of CBS messages (excluding the CBS scheduling message) sent to a UE from the BMC.	Sum	hucasebh, huctbh

6.5.9 Cell.Huawei.UMTS.Cell_Load_Change

Cell Load Change data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PUC_High_IntSrch_Updt	hua_cell_load_chg_tab.wwbt5anxbickwrflckb6rcyo55	INTEGER	#	Number of Sintersearch Updates due to Cell Load Change (Cell). The load of cell becomes heavy.	Sum	hucasebh, huctbh
VS_PUC_High_Offset_Updt	hua_cell_load_chg_tab.spxedxr0ejc3otib6wcrmuntti	INTEGER	#	Numbers of Qoffset updates when the load of the serving cell becomes heavy.	Sum	hucasebh, huctbh
VS_PUC_Light_IntSrch_Updt	hua_cell_load_chg_tab.wh2dqs0jgicg1thkus1ibqr2cj	INTEGER	#	Number of Sintersearch Updates due to Cell Load Change (Cell).	Sum	hucasebh, huctbh

				The load of cell becomes light.		
VS_PUC_Light_Offset_Updt	hua_cell_load_chg_tab.rh0lpt1gbobnhrb60rnmw40oah	INTEGER	#	Numbers of Qoffset updates when the load of the serving cell becomes light.	Sum	hucasebh, huctbh
VS_PUC_Norm_IntSrch_Updt	hua_cell_load_chg_tab.trxys5apx2ceqrb1fkehv4vvgc	INTEGER	#	Number of Sintersearch Updates due to Cell Load Change (Cell). The load of cell becomes normal.	Sum	hucasebh, huctbh
VS_PUC_Norm_Offset_Updt	hua_cell_load_chg_tab.t24f6evql0bwhsye25152gaeci	INTEGER	#	Numbers of Qoffset updates when the load of the serving cell becomes normal.	Sum	hucasebh, huctbh

6.5.10 Cell.Huawei.UMTS.Cell_Update

Cell update data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_AttConnReEstab_RFLoss	hua_cell_upd_tab.xgdaban6cic0vrae52elb5dtdg	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,radio link failure	Sum	hucasebh, huctbh
RRC_FailConn	hua_cell_upd_tab.xmdo6r	INTEG	#	Number of no	Sum	hucasebh

ReEstab_NoReply	3h6iciwsfmsgh4aiulsk	ER		receipt of PHYSICAL CHANNEL RECONFIGURATION COMPLETE messages in a certain period upon sending CELL UPDATE CONFIRM messages. Where, the reason of cell update is RL failure.		, huctbh
RRC_SuccConnReEstab	hua_cell_upd_tab.s6v1quplbicvucbf0jsjfctj2o	INTEGER	#	Numbers of successful cell updates due to different causes,Radio link failure	Sum	hucasebh, huctbh
VS_CellUpdt_AttConf	hua_cell_upd_tab.yw0e02jx0vcottwncyleraxxsk	INTEGER	#	Number of CELL UPDATE CONFIRM messages sent from the SRNC to a UE in a cell on receipt of a CELL UPDATE message	Sum	hucasebh, huctbh
VS_CellUpdt_AttErrRLC	hua_cell_upd_tab.xdd6syv560bcodajvf4jrl3456	INTEGER	#	Obsolete in release Vn00R010. Numbers of CELL UPDATE messages received by the RNC in a cell,RLC unrecoverable error	Sum	hucasebh, huctbh
VS_CellUpdt_AttErrSRLC	hua_cell_upd_tab.yearpqvupw2ahrhr0035xvpkr0	INTEGER	#	Number of cell update attempts in	Sum	hucasebh, huctbh

				a cell with the cell update cause of "SRB RLC unrecoverable error"		
VS_CellUpdt_AttErrTRLC	hua_cell_upd_tab.yearpqxupw2ahrhr0035xvpkr0	INTEGER	#	Number of cell update attempts in a cell with the cell update cause of "TRB RLC unrecoverable error"	Sum	hucasebh, huctbh
VS_CellUpdt_AttMbmsRecv	hua_cell_upd_tab.yearpr2upw2ahrhr0035xvpkr0	INTEGER	#	Number of cell update attempts in a cell with the cell update cause of "MBMS reception"	Sum	hucasebh, huctbh
VS_CellUpdt_AttPage	hua_cell_upd_tab.y4b3yoro55cb4ry3q3pn2ti6l0	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,Paging Response	Sum	hucasebh, huctbh
VS_CellUpdt_AttPrd	hua_cell_upd_tab.v4xnldyhkmc2temhkukylsl3oc	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,Periodic Cell update	Sum	hucasebh, huctbh
VS_CellUpdt_AttPtpRbReq	hua_cell_upd_tab.yearpr6upw2ahrhr0035xvpkr0	INTEGER	#	Number of cell update attempts in a cell with the cell update cause of "MBMS PTP RB request"	Sum	hucasebh, huctbh

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VS_CellUpdt_AttResel_CMB	hua_cell_upd_tab.uuo23hxilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of Cell Updates for Different Causes (Cell). Cause Cell reselection due to CMB.	Sum	hucasebh, huctbh
VS_CellUpdt_AttResel	hua_cell_upd_tab.rgst1jn6rvc1pdillngel3rq0u	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,Cell Reselection	Sum	hucasebh, huctbh
VS_CellUpdt_AttRsa	hua_cell_upd_tab.utt4xhbpatcgvroinxtd02bdix	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,Reentering Service Area	Sum	hucasebh, huctbh
VS_CellUpdt_AttULDatTrsf	hua_cell_upd_tab.sk0mb34x3pbgytkw12iydewjdk	INTEGER	#	Numbers of CELL UPDATE messages received by the RNC in a cell,Uplink Data Transfer	Sum	hucasebh, huctbh
VS_CellUpdt_AttUpd_Msg	hua_cell_upd_tab.yearpqtupw2ahrhr0035xvpkr0	INTEGER	#	Number of cell update attempts in a cell with the cell update cause of "periodic cell update"	Sum	hucasebh, huctbh
VS_CellUpdt_RLFAIL_Max_Time	hua_cell_upd_tab.votl2mfhulcjxuhfbltjqlrj0y	INTEGER	#	Maximum Signalling Delay of Cell Updates due to RL Failure (Cell)	Sum	hucasebh, huctbh
VS_CellUpdt_R	hua_cell_upd_tab.wngev	FLOA	#	Mean Signalling	Average	hucasebh

LFAIL_Mean_Time	masebb4re2e60oj5yfnpd	T		Delay of Cell Updates due to RL Failure (Cell)		, huctbh, Sum, Minimum, Maximum
VS_CellUpdt_RLFail_TCum	hua_cell_upd_tab.wlrq5jh0tfcxlelxlu5qksrw5b	INTEGER	#	No description.	Sum	hucasebh, huctbh
VS_CellUpdt_RLFail_TSample	hua_cell_upd_tab.veu0atsxhqcmrthi13oh6sescu	INTEGER	#	No description.	Sum	hucasebh, huctbh
VS_CellUpdt_SuccErrRLC	hua_cell_upd_tab.vy05k60ogbcvjt6jlsj5pmecvh	INTEGER	#	Obsolete in release Vn00R010. Numbers of successful cell updates due to different causes, RLC Error	Sum	hucasebh, huctbh
VS_CellUpdt_SuccErrTRLC	hua_cell_upd_tab.yearpr0upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful cell updates in a cell with the cell update cause of "TRB RLC unrecoverable error"	Sum	hucasebh, huctbh
VS_CellUpdt_SuccMbmsPtpRbReq	hua_cell_upd_tab.yearprbupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful cell updates in a cell with the cell update cause of "MBMS PTP RB request"	Sum	hucasebh, huctbh
VS_CellUpdt_SuccMbmsRecv	hua_cell_upd_tab.yearpr4upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful cell updates in a cell with the cell update cause of	Sum	hucasebh, huctbh

				"MBMS reception"		
VS_CellUpdt_SuccPage	hua_cell_upd_tab.uwrsyt3i1kc1rshmlsj4i1tlp1	INTEGER	#	Numbers of successful cell updates due to different causes,Paging Response	Sum	hucasebh, huctbh
VS_CellUpdt_SuccPrd	hua_cell_upd_tab.wdgbyd2n5bbv3e0pee5f0rvdvv	INTEGER	#	Numbers of successful cell updates due to different causes,Periodic Cell update	Sum	hucasebh, huctbh
VS_CellUpdt_SuccResel_CMB	hua_cell_upd_tab.uuo23i0ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of Successful Cell Updates for Different Causes (Cell). Cause Cell reselection due to CMB	Sum	hucasebh, huctbh
VS_CellUpdt_SuccResel	hua_cell_upd_tab.wftfpqncxsc5tdnnsv2qjujqnu	INTEGER	#	Numbers of successful cell updates due to different causes,Cell Reselection	Sum	hucasebh, huctbh
VS_CellUpdt_SuccRRCRel	hua_cell_upd_tab.yfsig5gl14bnpdujnllm4ovofr	INTEGER	#	Number of RRC connection releases due to cell update failure in the SRNC. If the CELL UPDATE message indicates that there is an unrecoverable AM RLC error over the RB2, RB3, or RB4, the SRNC sends an	Sum	hucasebh, huctbh

				RRC CONNECTION RELEASE message to the UE		
VS_CellUpdt_SuccRsa	hua_cell_upd_tab.ydwqjxtuaucarbonl2wfhwtsc6	INTEGER	#	Numbers of successful cell updates due to different causes,Reentering Service Area	Sum	hucasebh, huctbh
VS_CellUpdt_SuccULDatTrsf	hua_cell_upd_tab.uni2yw3ajabjeufddtyhwcjkil	INTEGER	#	Numbers of successful cell updates due to different causes,Uplink Data Transfer	Sum	hucasebh, huctbh
VS_CellUpdt_SuccUpd	hua_cell_upd_tab.wsl2s4sa56cjlt56vjh2whl0bk	INTEGER	#	Numbers of successful cell updates due to different causes,Successful update	Sum	hucasebh, huctbh

6.5.11 Cell.Huawei.UMTS.Channel_Switching

Channel Switching data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AMR_DLRateReconfDown	hua_cell_chan_switch_tab.vbbfx4bqn1cmybpx4la5krvjks	INTEGER	#	Number of decrease of the DL bit rate for the AMR speech service in a cell.	Sum	hucasebh, huctbh

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VS_AMR_DLRate ReconfUp	hua_cell_chan_switch_tab .yyh2i2gt13crbdnprvbnk0 uuk1	INTEG ER	#	Number of rises of the DL bit rate for the AMR speech service in a cell.	Sum	hucasebh , huctbh
VS_AMR_ULRate ReconfDown	hua_cell_chan_switch_tab .tsmlx32c5ub0ysqnjkftsat 422	INTEG ER	#	Number of decreases of the DL bit rate for the AMR speech service in a cell.	Sum	hucasebh , huctbh
VS_AMR_ULRate ReconfUp	hua_cell_chan_switch_tab .slhukvf5nybs4ebv36ej0h vqyw	INTEG ER	#	Number of increase of the UL bit rate for the AMR speech service in a cell.	Sum	hucasebh , huctbh
VS_AMR_WB_DL RateReconfDown	hua_cell_chan_switch_tab .ub2wgp2iyy2ahdha0035x kcuc6	INTEG ER	#	Number of decreases of the DL bit rate for the AMR WB speech service in a cell.	Sum	hucasebh , huctbh
VS_AMR_WB_DL RateReconfUp	hua_cell_chan_switch_tab .ub2wgp4iyy2ahdha0035x kcuc6	INTEG ER	#	Number of increases of the DL bit rate for the AMR WB speech service in a cell.	Sum	hucasebh , huctbh
VS_AMR_WB_UL RateReconfDown	hua_cell_chan_switch_tab .ub2wgqdiyy2ahdha0035x kcuc6	INTEG ER	#	Number of decreases of the DL bit rate for the AMR WB speech	Sum	hucasebh , huctbh

				service in a cell.		
VS_AMR_WB_UL RateReconfUp	hua_cell_chan_switch_tab .ub2wgqfiyy2ahdha0035x kcuc6	INTEG ER	#	Number of increases of the UL bit rate for the AMR WB speech service in a cell.	Sum	hucasebh , huctbh
VS_Cell_Dynamic ShutDownTime_O M	hua_cell_chan_switch_tab .yearqcrupw2ahrhr0035xv pkr0	FLOA T	secon ds	Duration of dynamic shutdown of cell	Sum	hucasebh , huctbh
VS_DCCC_C2D_ Att	hua_cell_chan_switch_tab .v0kviol4t5be5rrfjw0t4e2s se	INTEG ER	#	Number of handover attempts from FACH to DCH in a cell	Sum	hucasebh , huctbh
VS_DCCC_C2D_S ucc	hua_cell_chan_switch_tab .ypiqcd0avebnebo2we25a aduhu	INTEG ER	#	Number of dynamic channel configuration s for CCH to DCH handover in a cell	Sum	hucasebh , huctbh
VS_DCCC_D2C_ Att	hua_cell_chan_switch_tab .x35dtsm0hmbvhc3k5pld oakijp	INTEG ER	#	Number of handover attempts from DCH to FACH in a cell	Sum	hucasebh , huctbh
VS_DCCC_D2C_S ucc	hua_cell_chan_switch_tab .sajbhkon4pcsrbmd0da5x el0df	INTEG ER	#	Number of successful dynamic configuration	Sum	hucasebh , huctbh

				s for DCH to CCH handover in a cell.		
VS_DCCC_D2D_SuccRateDown_UE	hua_cell_chan_switch_tab.shc4pvb4e5bdes1pfnq26t66am	INTEGER	#	Number of successful dynamic configurations to lower the DL bit rate of the PS BE service. The channel handover here refers to a handover between DCHs. An RNC can initiate a dynamic channel configuration procedure through an RB reconfiguration procedure or transport channel reconfiguration procedure.	Sum	hucasebh, huctbh
VS_DCCC_D2D_SuccRateUp_UE	hua_cell_chan_switch_tab.ua0oi414f2cagbq5aplq4hhf1n	INTEGER	#	Number of successful dynamic configurations to raise the DL bit rate of the PS BE service. The channel handover here refers to the handover between	Sum	hucasebh, huctbh

				DCHs. An RNC can initiate a dynamic channel configuration procedure through an RB reconfiguration procedure or transport channel reconfiguration procedure.		
VS_DCCC_FtoP_Att	hua_cell_chan_switch_tab.yearpu6upw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to switch from FACH to PCH	Sum	hucasebh, huctbh
VS_DCCC_FtoP_Succ	hua_cell_chan_switch_tab.yearpubupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful operations of switching from FACH to PCH	Sum	hucasebh, huctbh

6.5.12 Cell.Huawei.UMTS.CMB_Channels

CMB Channel data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RRC_SuccConnEstab_CMB_Cell	100 * {VS_RRC_SuccConnEstab_CMB_Cell}/ {VS_RRC_AttConnEstab_CMB_Cell}	FLOAT	%	Obsolete from UTRAN/V200R010:Percentage CMB RRC CONNECTIO	Average	hucasebh, huctbh

				N SETUP COMPLETE messages from UEs to the RNC in a cell through.		
VS_CellCmbCh1 UEs	hua_cell_cmb_chan_tab.y03fxy4ijbcyotxqluaigrxfqr	FLOAT	#	Obsolete from UTRAN/V200R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 1	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh1 UsedTime	hua_cell_cmb_chan_tab.ylxnplieq0btysf6gwtwrgpksn	FLOAT	#	Obsolete from UTRAN/V200R010:Mean time to watch each CMB channel in a cell, Mean time to watch CMB channel 1	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh2 UEs	hua_cell_cmb_chan_tab.urjrutd1xscpeeh60wbj4mwjid	FLOAT	#	Obsolete from UTRAN/V200R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 2	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh2 UsedTime	hua_cell_cmb_chan_tab.txllw346f5bq0uby6jrsb63vuy	FLOAT	#	Obsolete from UTRAN/V200R010:Mean time to watch each CMB channel in a	Average	hucasebh, huctbh, Sum, Minimum, Maximu

				cell, Mean time to watch CMB channel 2		m
VS_CellCmbCh3 UEs	hua_cell_cmb_chan_tab.xricuxwkdcbbpd3xvtelifdi4c	FLOAT	#	Obsolete from UTRAN/V200 R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 3	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh3 UsedTime	hua_cell_cmb_chan_tab.x6lef4u0y3b6ebxwjw4v3ajyjv	FLOAT	#	Obsolete from UTRAN/V200 R010:Mean time to watch each CMB channel in a cell, Mean time to watch CMB channel 3	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh4 UEs	hua_cell_cmb_chan_tab.wmbr2sctjubfkrigdjhvhslcnn	FLOAT	#	Obsolete from UTRAN/V200 R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 4	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh4 UsedTime	hua_cell_cmb_chan_tab.rc56ranalicjtexwgf3i1qptho	FLOAT	#	Obsolete from UTRAN/V200 R010:Mean time to watch each CMB	Average	hucasebh, huctbh, Sum, Minimum,

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				channel in a cell, Mean time to watch CMB channel 4		Maximum
VS_CellCmbCh5UEs	hua_cell_cmb_chan_tab.s4ncig23trb3utdglvcxsln2cn	FLOAT	#	Obsolete from UTRAN/V200R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 5	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh5UsedTime	hua_cell_cmb_chan_tab.ydo066xjsjb6nck1qyucsu6yvg	FLOAT	#	Obsolete from UTRAN/V200R010:Mean time to watch each CMB channel in a cell, Mean time to watch CMB channel 5	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh6UEs	hua_cell_cmb_chan_tab.t1lf3lf0vgbucexslvp4ief30x	FLOAT	#	Obsolete from UTRAN/V200R010:Mean numbers of UEs receiving specified CMBCHs in a cell, Mean number of UEs receiving CMBCH 6	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellCmbCh6UsedTime	hua_cell_cmb_chan_tab.vdtg14i4p4b4vchk5k32qok02v	FLOAT	#	Obsolete from UTRAN/V200R010:Mean time to watch each CMB channel in a cell, Mean time to watch CMB	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				channel 6		
VS_CellCmbUsedTime	hua_cell_cmb_chan_tab.tqp1knf64nccbtdnr035ty21wn	FLOAT	#	Obsolete from UTRAN/V200R010:Mean time to watch at least one CMB channel in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RRC_AttConnEstab_CMB_Cell	hua_cell_cmb_chan_tab.yj2kbb5akpctju1frodxlelgdx	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of CMB RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through.	Sum	hucasebh, huctbh
VS_RRC_SuccConnEstab_CMB_Cell	hua_cell_cmb_chan_tab.ri6t0vmnyrcq1r6wajjnaxm6h2	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of CMB RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell through.	Sum	hucasebh, huctbh

6.5.13 Cell.Huawei.UMTS.Compressed_Mode_Activation

Compressed Mode Activations

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_CM_DLHLS_Act_Att	hua_compressedmodeact_tab.yearpyrupw2ahrhr0035xvpkr0	INTEGER	#	Number of down link HLS compressed mode activation attempts	Sum	hucasebh, huctbh
VS_CM_DLHLS_Act_Fail	hua_compressedmodeact_tab.yearpyvupw2ahrhr0035xvpkr0	INTEGER	#	Number of down link HLS compressed mode activation fails	Sum	hucasebh, huctbh
VS_CM_DLSF2_Act_Att	hua_compressedmodeact_tab.yearpypupw2ahrhr0035xvpkr0	INTEGER	#	Number of down link SF-2 compressed mode activation attempts	Sum	hucasebh, huctbh
VS_CM_DLSF2_Act_Fail	hua_compressedmodeact_tab.yearpytupw2ahrhr0035xvpkr0	INTEGER	#	Number of down link SF-2 compressed mode activation fails	Sum	hucasebh, huctbh
VS_CM_ULHLS_Act_Att	hua_compressedmodeact_tab.yearpyjupw2ahrhr0035xvpkr0	INTEGER	#	Number of up link HLS compressed mode activation attempts	Sum	hucasebh, huctbh
VS_CM_ULHLS_Act_Fail	hua_compressedmodeact_tab.yearpynupw2ahrhr0035xvpkr0	INTEGER	#	Number of up link HLS compressed mode activation fails	Sum	hucasebh, huctbh
VS_CM_ULSF2_Act_Att	hua_compressedmodeact_tab.yearpyhupw2ahrhr0035xvpkr0	INTEGER	#	Number of up link SF-2 compressed mode activation attempts	Sum	hucasebh, huctbh
VS_CM_ULSF2_Act_Fail	hua_compressedmodeact_tab.yearpylupw2ahrhr0035xvpkr0	INTEGER	#	Number of up link SF-2 compressed mode activation fails	Sum	hucasebh, huctbh

6.5.14 Cell.Huawei.UMTS.Credit_Usage

Credit Usage data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LC_DLCreditUsed_CELL_Max	hua_cell_credit_usage_tab.v6napgymgdcf3bygfibbnnlxbl	INTEGER	#	Max DL Credit Usage (Cell)	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_LC_DLCreditUsed_CELL_Min	hua_cell_credit_usage_tab.ytpcxhf0hfb6ddsdp5xqcnm2h4	INTEGER	#	Min DL Credit Usage (Cell)	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_LC_DLCreditUsed_CELL	hua_cell_credit_usage_tab.xo5akj0kk0beou6vxgac5lxmqv	FLOAT	#	Average DL Credit Usage (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_LC_ULCreditUsed_CELL_Max	hua_cell_credit_usage_tab.rjm22eclukb6dbdnwate4xkrhn	INTEGER	#	Max UL Credit Usage (Cell)	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_LC_ULCreditUsed_CELL_Min	hua_cell_credit_usage_tab.r2xbtnk5vvbw2rnqgqjjgnr5nn	INTEGER	#	Min UL Credit Usage (Cell)	Minimum	hucasebh, huctbh, Sum, Minimum,

						Maximum
VS_LC_ULCreditUsed_CELL	hua_cell_credit_usage_tab.vayuaoiweab4heqpn2kmvm6ay3	FLOAT	#	Average UL Credit Usage (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.15 Cell.Huawei.UMTS.DSAC

DSAC data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRC_AutoDsac_Num	hua_cell_dsac_tab.xlsnxkflui2aidkrb02ofawjhk	INTEGER	#	The measurement counter provides the times the automatic domain-based access function is triggered in a cell.	Sum	hucasebh, huctbh
VS_RRC_AutoDsac_Time	hua_cell_dsac_tab.xlsnxl2lui2aidkrb02ofawjhk	FLOAT	seconds	Obsolete from UTRAN/V900R011:VS RRC AutoDsac Time	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RRC_ManualDsac_Num	hua_cell_dsac_tab.xlsnxkdlui2aidkrb02ofawjhk	INTEGER	#	The measurement counter provides the times the manual domain-based access function is activated in a	Sum	hucasebh, huctbh

				cell.		
VS_RRC_ManualDsac_Time	hua_cell_dsac_tab.xlsnxl0lui2aidkrb02ofawjhk	FLOAT	seconds	Obsolete from UTRAN/V900R011:VS RRC ManualDsac Time	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.16 Cell.Huawei.UMTS.Establishment

Cell HSPA, AMR and R99 establishment measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
AMR_Estab_Cum	hua_cell_estab_tab.xlsnxtvlui2aidkrb02ofawjhk	INTEGER	ms	VS AMR Estab Cum	Sum	hucasebh, huctbh
AMR_Estab_MaxTime	hua_cell_estab_tab.xlsnxtrlui2aidkrb02ofawjhk	FLOAT	ms	Maximum delay of successful AMR service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
AMR_Estab_MinTime	hua_cell_estab_tab.xlsnxttlui2aidkrb02ofawjhk	FLOAT	ms	Minimum delay of successful AMR service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
AMR_Estab_Sample	hua_cell_estab_tab.xlsnxtxlui2aidkrb02ofawjhk	INTEGER	#	VS AMR Estab Sample	Sum	hucasebh, huctbh
CS64_Estab_Cum	hua_cell_estab_tab.xlsnxu4lui2aidkrb02ofawjhk	INTEGER	ms	VS CS64 Estab Cum	Sum	hucasebh, huctbh
CS64_Estab_M	hua_cell_estab_tab.xlsnx	FLOAT	ms	Maximum delay	Average	hucasebh

axTime	u0lui2aidkrb02ofawjhk			of successful 64 Kbit/s CS service establishment in the best cell.		, huctbh, Sum, Minimum, Maximum
CS64_Estab_MinTime	hua_cell_estab_tab.xlsnxu2lui2aidkrb02ofawjhk	FLOAT	ms	Minimum delay of successful 64 Kbit/s CS service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
CS64_Estab_Sample	hua_cell_estab_tab.xlsnxu6lui2aidkrb02ofawjhk	INTEGER	#	VS CS64 Estab Sample	Sum	hucasebh, huctbh
HSDPA_Estab_Cum	hua_cell_estab_tab.xlsnxunlui2aidkrb02ofawjhk	INTEGER	ms	VS HSDPA Estab Cum	Sum	hucasebh, huctbh
HSDPA_Estab_MaxTime	hua_cell_estab_tab.xlsnxujlui2aidkrb02ofawjhk	FLOAT	ms	Maximum delay of successful HSDPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSDPA_Estab_MinTime	hua_cell_estab_tab.xlsnxullui2aidkrb02ofawjhk	FLOAT	ms	Minimum delay of successful HSDPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSDPA_Estab_Sample	hua_cell_estab_tab.xlsnxuplui2aidkrb02ofawjhk	INTEGER	#	VS HSDPA Estab Sample	Sum	hucasebh, huctbh
HSUPA_Estab_Cum	hua_cell_estab_tab.xlsnxuvlui2aidkrb02ofawjhk	INTEGER	ms	VS HSUPA Estab Cum	Sum	hucasebh, huctbh
HSUPA_Estab_MaxTime	hua_cell_estab_tab.xlsnxurlui2aidkrb02ofawjhk	FLOAT	ms	Maximum delay of successful HSUPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximu

						m
HSUPA_Estab_MinTime	hua_cell_estab_tab.xlsnxutlui2aidkrb02ofawjhk	FLOAT	ms	Minimum delay of successful HSUPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSUPA_Estab_Sample	hua_cell_estab_tab.xlsnxuxlui2aidkrb02ofawjhk	INTEGER	#	VS HSUPA Estab Sample	Sum	hucasebh, huctbh
PSR99_Estab_Cum	hua_cell_estab_tab.xlsnxuflui2aidkrb02ofawjhk	INTEGER	ms	VS PSR99 Estab Cum	Sum	hucasebh, huctbh
PSR99_Estab_MaxTime	hua_cell_estab_tab.xlsnxublui2aidkrb02ofawjhk	FLOAT	ms	Maximum delay of successful PSR99 service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PSR99_Estab_MinTime	hua_cell_estab_tab.xlsnxudlui2aidkrb02ofawjhk	FLOAT	ms	Minimum delay of successful PSR99 service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PSR99_Estab_Sample	hua_cell_estab_tab.xlsnxuhlui2aidkrb02ofawjhk	INTEGER	#	VS PSR99 Estab Sample	Sum	hucasebh, huctbh
VS_AMR_Estab_MeanTime	hua_cell_estab_tab.xlsny0plui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of successful AMR service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CS64_Esta	hua_cell_estab_tab.xlsny	FLOAT	ms	Mean delay of	Average	hucasebh

b_MeanTime	0rlui2aidkrb02ofawjhk			successful 64 Kbit/s CS service establishment in the best cell.		, huctbh, Sum, Minimum, Maximum
VS_HSDPA_Estab_MeanTime	hua_cell_estab_tab.xlsny0vlui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of successful HSDPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_Estab_MeanTime	hua_cell_estab_tab.xlsny0xlui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of successful HSUPA service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSR99_Estab_MeanTime	hua_cell_estab_tab.xlsny0tlui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of successful PS R99 service establishment in the best cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.17 Cell.Huawei.UMTS.Hard_HO_Global

Global Hard Handover data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_Succ_In	100 * {VS_HHO_Succ_In}/ {VS_HHO_Att_In}	FLOAT	%	Percentage incoming successful hard handover decisions for a cell.	Average	hucasebh, huctbh
_	100 *	FLOAT	%	Percentage of	Average	hucasebh

%_VS_HHO_SuccInterCell_LB	{VS_HHO_SuccInterCell_LB}/ {VS_HHO_AttInterCell_LB}			successful outgoing inter-frequency hard handovers initiated by RNC due to load balance		, huctbh
VS_HHO_Att_In	hua_cell_hho_global_tab.uu3ykdyqkrcekcwksiu44yvtog	INTEGER	#	Number of incoming hard handover decisions for a cell.	Sum	hucasebh, huctbh
VS_HHO_AttBlindHO	hua_cell_hho_global_tab.uuo23i6ilk2ahdh6b035xkcuc6	INTEGER	#	Number of Blind Handover Attempts (Cell)	Sum	hucasebh, huctbh
VS_HHO_AttIFrqCM_DLQoS_In	hua_cell_hho_global_tab.xlwojk5fwjcn1bw1m13dlk3wfq	INTEGER	#	Obsolete in release Vn00R010. Number of decisions of incoming inter-frequency hard handovers due to DL QoS in compressed mode.	Sum	hucasebh, huctbh
VS_HHO_AttIFrqCM_DLQoS_Out	hua_cell_hho_global_tab.sfhwhu6wgnbmxr0ne6xs5ppkvx	INTEGER	#	Number of decisions of outgoing inter-frequency hard handovers due to DL QoS in compressed mode.	Sum	hucasebh, huctbh
VS_HHO_AttInterCell_LB	hua_cell_hho_global_tab.vgh1mcnmmwcmsckfk1asrqf1wo	INTEGER	#	Number of outgoing inter-frequency hard	Sum	hucasebh, huctbh

				handover requests initiated by RNC due to load balance		
VS_HHO_EvalIFrq_In_CM	hua_cell_hho_global_tab.ssofm2b0lybxgs4dbnstonurxy	INTEGER	#	Number of incoming inter-frequency hard handover decisions triggered by inter-frequency measurement in compressed mode.	Sum	hucasebh, huctbh
VS_HHO_EvalIFrq_Out_CM	hua_cell_hho_global_tab.u34gobbug3bx5bhf6lpsl0me2f	INTEGER	#	Number of outgoing inter-frequency hard handover decisions triggered by inter-frequency measurement in compressed mode.	Sum	hucasebh, huctbh
VS_HHO_EvalIn	hua_cell_hho_global_tab.rlrvldoqbbcdkd1xr2j5pettge	INTEGER	#	Number of incoming hard handover decisions for a cell.	Sum	hucasebh, huctbh
VS_HHO_EvalOut	hua_cell_hho_global_tab.roykwbs2gtb40e324oil1l3rs3	INTEGER	#	Number of outgoing hard handover decisions for a cell.	Sum	hucasebh, huctbh
VS_HHO_Fail_CellUpd_In	hua_cell_hho_global_tab.ruoeqodnn1c1gs1dphclmtqjep	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers due to different	Sum	hucasebh, huctbh

				causes,cell update occurred		
VS_HHO_Fail_CfgUnsup_In	hua_cell_hho_global_tab.vb3wcspoonbwxsbwsskp110op6	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers due to different causes,Configuration unsupported	Sum	hucasebh, huctbh
VS_HHO_Fail_InvCfg_In	hua_cell_hho_global_tab.tbo63ylbatcclby6ytsq3oe4tc	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers due to different causes,invalid configuration	Sum	hucasebh, huctbh
VS_HHO_Fail_Isr_In	hua_cell_hho_global_tab.rxli14o0ctcficsc5uunekixrw	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers due to different causes,incompatible simultaneous reconfiguration	Sum	hucasebh, huctbh
VS_HHO_Fail_PhyChFail_In	hua_cell_hho_global_tab.wgcpa0iuoccf5ct04vt62m5mwr	INTEGER	#	Obsolete in release Vn00R010.	Sum	hucasebh, huctbh

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				Numbers of unsuccessful incoming hard handovers due to different causes,physical channel failure		
VS_HHO_Fail_RACDenyDL_Out	hua_cell_hho_global_tab.vyhutc00dibuebmmtnsnalhf43	INTEGER	#	Numbers of unsuccessful outgoing hard handovers in a cell,DL admission reject	Sum	hucasebh, huctbh
VS_HHO_Fail_RACDenyUL_Out	hua_cell_hho_global_tab.toqtohuctfcanriowtfkbomlv5	INTEGER	#	Numbers of unsuccessful outgoing hard handovers in a cell, UL admission reject	Sum	hucasebh, huctbh
VS_HHO_Fail_RLAddFail_In	hua_cell_hho_global_tab.utg13qhwchbn0tdf0egppnybt5	INTEGER	#	Obsolete in release Vn00R010. Number of incoming hard handover failures due to RL addition failure in a cell.	Sum	hucasebh, huctbh
VS_HHO_Fail_RLAddFail_Out	hua_cell_hho_global_tab.sshiqm05egc6jcsoe6ue6luyi5	INTEGER	#	Numbers of unsuccessful outgoing hard handovers in a cell,RL addition failure	Sum	hucasebh, huctbh
VS_HHO_FailInterCell_NRly_LB	hua_cell_hho_global_tab.shp0iadjnuc50baj4orvwednka	INTEGER	#	Number of unsuccessful outgoing inter-frequency hard handovers due to load balance with the failure	Sum	hucasebh, huctbh

				cause of no response.		
VS_HHO_PrepIn_RLSetupFail	hua_cell_hho_global_tab.uqdsoakrmxcdet4nookh4y6xxb	INTEGER	#	Obsolete in release Vn00R010. Number of hard handover preparation failures due to different causes upon initiation of the RNC.	Sum	hucasebh, huctbh
VS_HHO_ReqRelocPrep_RF	hua_cell_hho_global_tab.vdwr150ydjcsjd1ukymnmcuwbm	INTEGER	#	Number of preparations for outgoing hard handovers due to RL signal quality in a cell.	Sum	hucasebh, huctbh
VS_HHO_Succ_In	hua_cell_hho_global_tab.theygsx32vbcxew4ee4bw2badr	INTEGER	#	Number of incoming successful hard handover decisions for a cell.	Sum	hucasebh, huctbh
VS_HHO_SuccBlindHO	hua_cell_hho_global_tab.uuo23ibilk2ahdh6b035xkcuc6	INTEGER	#	Number of Successful Blind Inter-Frequency Hard Handovers (Cell)	Sum	hucasebh, huctbh
VS_HHO_SuccIFrqCM_DLQoS_In	hua_cell_hho_global_tab.xcuin2xgvxbcie4thaqijoxomg	INTEGER	#	Obsolete in release Vn00R010. Number of successful incoming inter-	Sum	hucasebh, huctbh

				frequency hard handovers due to DL QoS in compressed mode.		
VS_HHO_SuccIFrqCM_DLQoS_Out	hua_cell_hho_global_tab.rvfi65mjkwbv1rlipo5cxvn0nc	INTEGER	#	Number of decisions of successful outgoing inter-frequency hard handovers due to DL QoS in compressed mode.	Sum	hucasebh, huctbh
VS_HHO_SuccInterCell_LB	hua_cell_hho_global_tab.yy2ycymhqqb1ktvbplreyasu4a	INTEGER	#	Number of successful outgoing inter-frequency hard handovers initiated by RNC due to load balance	Sum	hucasebh, huctbh

6.5.18 Cell.Huawei.UMTS.Hard_HO_Inter_RNCCN

Inter RNCCN Hard Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_HHO_SuccAttRelocPrepOutInterRNCCN	100 * {HHO_SuccAttRelocPrepOutInterRNCCN}/ {HHO_AttRelocPrepOutInterRNCCN}	FLOAT	%	Obsolete in release Vn00R010. Percentage successful preparations for relocations with outgoing hard handovers in a cell.	Average	hucasebh, huctbh

HHO_AttRelocPrepOutInterRNCCN	hua_cell_hho_interrnccn_tab.rt5avt01o4ci5bp30660dprqfh	INTEGER	#	Obsolete in release Vn00R010. Number of requests for relocation preparations with outgoing hard handovers in a cell. Where, the source cell and the target cell belong to different CNs.	Sum	hucasebh, huctbh
HHO_FailRelocPrepOutInterRNCCN_NoResAvail	hua_cell_hho_interrnccn_tab.sfbllf2vp0cwpcm6e3021td5uu	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell,No radio resources available in target cell	Sum	hucasebh, huctbh
HHO_FailRelocPrepOutInterRNCCN_OM	hua_cell_hho_interrnccn_tab.vvk5diaddgbqhejqdxj0i	INTEGER	#	Numbers of	Sum	hucasebh, huctbh

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	ll2rs			unsuccessful preparations for relocations with outgoing hard handovers in a cell,OM Intervention		
HHO_FailRelocPrepOutInterRNCCN_RelocTgtNotAllo	hua_cell_hho_interrnccn_tab.r6dovhcmg5br1rjod3fns5uh1m	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell,Relocation Target not allowed	Sum	hucasebh, huctbh
HHO_FailRelocPrepOutInterRNCCN_ResUnavail	hua_cell_hho_interrnccn_tab.v56imo0ithbejrty4efaebskys	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell,No Resource Available	Sum	hucasebh, huctbh

HHO_FailRelocPrepOutInterRNCCN_RNSp	hua_cell_hho_interrnccn_tab.udohi65x2ybbhbwenvsxu2j462	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell,Relocation not supported in Target RNC or Target system	Sum	hucasebh, huctbh
HHO_FailRelocPrepOutInterRNCCN_TExp	hua_cell_hho_interrnccn_tab.smog3chidvb1gd3tmqdlewjlee	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell,TRELOCalloc Expiry	Sum	hucasebh, huctbh
HHO_FailRelocPrepOutInterRNCCN_TgtF	hua_cell_hho_interrnccn_tab.vnbt5gcum4ckkesnair5uwe46y	INTEGER	#	Numbers of unsuccessful preparations for	Sum	hucasebh, huctbh

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				relocations with outgoing hard handovers in a cell,Relocation Failure in Target CN/RNC or Target System		
HHO_FailRelocPrepOutInterRNCCN_UnspFail	hua_cell_hho_interrnccn_tab.xlxxe0rrlpcinebm66qjdkw6dg	INTEGER	#	Numbers of unsuccessful preparations for relocations with outgoing hard handovers in a cell, Unspecified Failure	Sum	hucasebh, huctbh
HHO_SuccAttRelocPrepOutInterRNCCN	hua_cell_hho_interrnccn_tab.t3wimqgd5qb3ucdgjvttnrchbp	INTEGER	#	Obsolete in release Vn00R010. Number of successful preparations for relocations with outgoing hard handovers in a cell.	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCCN_CfgUnsup	hua_cell_hho_interrnccn_tab.w0u64mtk4w2ahdhb0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010	Sum	hucasebh, huctbh

				. Number of Unsuccessful Relocations with Outgoing Hard Handovers for Different Causes (Cell). Cause Configuration unsupported.		
VS_HHO_FailOutInterRNCCN_IncompCfg	hua_cell_hho_interrnccn_tab.w0u64n0k4w2ahdhb0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Relocations with Outgoing Hard Handovers for Different Causes (Cell). Cause Configuration Incomplete.	Sum	hucasebh, huctbh
VS_HHO_FailOutInterR	hua_cell_hho_interrnccn_t	INTE	#	Obsolete	Sum	hucasebh

NCCN_InvCfg	ab.ub2wgtliyy2ahdha0035xkcuc6	GER		in release Vn00R010. Number of Unsuccessful Relocations with Outgoing Hard Handovers for Different Causes (Cell). Cause Invalid Configuration.		, huctbh
VS_HHO_FailOutInterRNCCN_ISR	hua_cell_hho_interrnccn_tab.w0u64mxk4w2ahdhb0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Relocations with Outgoing Hard Handovers for Different Causes (Cell). Cause Incompatible simultaneous reconfiguration.	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCCN_PhyChFail	hua_cell_hho_interrnccn_tab.w0u64mvk4w2ahdhb0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010	Sum	hucasebh, huctbh

				. Number of Unsuccessful Relocations with Outgoing Hard Handovers for Different Causes (Cell). Cause Physical channel failure.		

6.5.19 Cell.Huawei.UMTS.Hard_HO_InterFreq

Inter Frequency Hard Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_InterFreq_SuccOut	100 * {VS_HHO_InterFreq_SuccOut}/ {VS_HHO_InterFreq_AttOut}	FLOAT	%	Percentage successful outgoing inter-frequency hard handovers initiated by RNC.	Average	hucasebh, huctbh
_%_VS_HHO_InterFreqIn_Succ	100 * {VS_HHO_InterFreqIn_Succ}/ {VS_HHO_InterFreqIn_Att}	FLOAT	%	Percentage successful incoming inter-frequency hard	Average	hucasebh, huctbh

				handovers initiated by RNC.		
HHO_InterFreq_CS_Out_TrigEcIo	hua_cell_hho_interfreq_tab.xlsnxnnlui2aidkrb02ofawjhk	INTEGER	#	The number of hard handover trigged by EcN0 in the CS domain.	Sum	hucasebh, huctbh
HHO_InterFreq_CS_Out_TrigRscp	hua_cell_hho_interfreq_tab.xlsnxnllui2aidkrb02ofawjhk	INTEGER	#	The number of hard handover trigged by RSCP in the CS domain.	Sum	hucasebh, huctbh
HHO_InterFreq_PS_Out_TrigEcIo	hua_cell_hho_interfreq_tab.xlsnxnrlui2aidkrb02ofawjhk	INTEGER	#	The number of hard handover trigged by EcN0 in the PS domain.	Sum	hucasebh, huctbh
HHO_InterFreq_PS_Out_TrigRscp	hua_cell_hho_interfreq_tab.xlsnxnplui2aidkrb02ofawjhk	INTEGER	#	The number of hard handover trigged by RSCP in the PS domain.	Sum	hucasebh, huctbh
HHO_InterFreqOutCS_MeasTimeOut	hua_cell_hho_interfreq_tab.xlsnxnhlui2aidkrb02ofawjhk	INTEGER	#	The number of inter-frequency measurement expiry in the CS domain.	Sum	hucasebh, huctbh
HHO_InterFreqOutPS_MeasTimeOut	hua_cell_hho_interfreq_tab.xlsnxnjlui2aidkrb02ofawjhk	INTEGER	#	The number of inter-frequency measurement expiry in the PS domain.	Sum	hucasebh, huctbh
Total_HHO_InterFreq_Drops	{VS_HHO_InterFreq_In_Drop} +	INTEGER	#	Obsolete in release	Sum	hucasebh,

	{VS_HHO_InterFreq_Out_Drop}			Vn00R010. Total call drops due to unsuccessful incoming and outgoing inter-frequency hard handovers.		huctbh
VS_HHO_AttInterCell_LB_MultiRL	hua_cell_hho_interfreq_tab.yearpovupw2ahrhr0035xvpkr0	INTEGER	#	Number of outgoing inter-frequency hard handover requests due to load balance; there are more than one cell before handover.	Sum	hucasebh, huctbh
VS_HHO_AttOutInterNodeBIntraRNCInterFreq	hua_cell_hho_interfreq_tab.yvt4kejaurcuis1p11tyjjppif	INTEGER	#	Number of requests for outgoing Inter-Freq hard handovers between different NodeBs of the same RNC in a cell. Where, the source cell and the target cell belong to the	Sum	hucasebh, huctbh

				same RNC but different NodeB		
VS_HHO_AttOutInterRNCInterFreqCN	hua_cell_hho_interfreq_tab.rqvsfalkg1cbberbimg3j35iw6	INTEGER	#	Number of reconfigurations for relocations with outgoing Inter-Freq hard handovers in a cell	Sum	hucasebh, huctbh
VS_HHO_AttOutInterRNCInterFreqIur	hua_cell_hho_interfreq_tab.v102tirhkabgdudil5m2jjbgd1	INTEGER	#	Number of requests for outgoing Inter-Freq hard handovers between RNCs in a cell. Where, the source cell and the target cell belong to different RNCs, and the Inter-Freq hard handover is performed through the Iur interface.	Sum	hucasebh, huctbh
VS_HHO_AttOutIntraNodeBInterFreq	hua_cell_hho_interfreq_tab.xu2lbfg5tfcdlrt5xryyc14wcx	INTEGER	#	Number of requests for outgoing Inter-Freq hard handovers in NodeB in a cell. Outgoing Intra-Freq	Sum	hucasebh, huctbh

				hard handovers in NodeB refers to such an Inter-Freq hard handover where the source cell and the target cell belong to the same NodeB.		
VS_HHO_FailOutInterRNCInterFreqCN_CfgUnsup	hua_cell_hho_interfreq_tab.sn0mcl2oq6cjlblsaqiad11cjj	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Inter-Freq hard handover during SRNC reconfigurations due to Configuration Unsupported	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCInterFreqCN_IncompCfg	hua_cell_hho_interfreq_tab.su6dupo5b4b3guohiokrpehucm	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Inter-Freq hard handover during SRNC	Sum	hucasebh, huctbh

				reconfigurations due to Configuration Incomplete		
VS_HHO_FailOutInterRNCInterFreqCN_InvCfg	hua_cell_hho_interfreq_tab.sm6qebnhe2b26dd6u5mkivbwgg	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Inter-Freq hard handover during SRNC reconfigurations due to Invalid Configuration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCInterFreqCN_ISR	hua_cell_hho_interfreq_tab.wb5h4octructpc3r5ylvc1p4lf	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Inter-Freq hard handover during SRNC reconfigurations due to Incompatible simultaneous reconfiguration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCInterFreqCN_PhyChFail	hua_cell_hho_interfreq_tab.uc2jxwaso3b1vrukp2cvwj5pcv	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations	Sum	hucasebh, huctbh

				with Inter-Freq hard handover during SRNC reconfigurations due to Physical Channel Failure		
VS_HHO_InterFreq_AttOut	hua_cell_hho_interfreq_tab.u1s5up00sgbwlupwbl4ppj4ep2	INTEGER	#	Number of requested outgoing inter-frequency hard handovers initiated by RNC	Sum	hucasebh, huctbh
VS_HHO_InterFreq_In_Drop	hua_cell_hho_interfreq_tab.wg5woqk1xpck3t35ahralwursv	INTEGER	#	Obsolete in release Vn00R010. Number of call drops due to unsuccessful incoming inter-frequency hard handovers.	Sum	hucasebh, huctbh
VS_HHO_InterFreq_Out_Drop	hua_cell_hho_interfreq_tab.ynuy2w2esmbvvbagvvstdsh15o	INTEGER	#	Number of call drops due to unsuccessful outgoing inter-frequency hard handovers.	Sum	hucasebh, huctbh

VS_HHO_InterFreq_SuccOut	hua_cell_hho_interfreq_tab.sbyj45ye05crweexi4e3prj1pk	INTEGER	#	Number of successful outgoing inter-frequency hard handovers initiated by RNC.	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_Att	hua_cell_hho_interfreq_tab.vukkkbwmqub1helkgiormovhco	INTEGER	#	Number of requested incoming inter-frequency hard handovers initiated by RNC.	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_CellUpdt	hua_cell_hho_interfreq_tab.uh2fxcfs1obl3dwaqs2jsre1pe	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming inter-frequency hard handovers due to different causes	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_CfgInvalid	hua_cell_hho_interfreq_tab.xvccoa1n6dbittdl4p40afd1gu	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming inter-frequency hard handovers due to different causes	Sum	hucasebh, huctbh

VS_HHO_InterFreqIn_CfgUnsupp	hua_cell_hho_interfreq_tab.teoycqkwcdc0et1fk1g60stuj3	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming inter-frequency hard handovers due to different causes	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_DLAdmsnDeny	hua_cell_hho_interfreq_tab.yciam4enlvcb2dala4nc1emjke	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers initiated by the RNC due to resource congestion.	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_DLCodeRej	hua_cell_hho_interfreq_tab.y60ksogrc3cyedvmkaanhltva6	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers initiated by the RNC due to resource congestion.	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_FailUSR	hua_cell_hho_interfreq_tab.ymx2q1yxpkbq5uwmud521ibryy	INTEGER	#	Obsolete in release Vn00R010.	Sum	hucasebh, huctbh

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				Numbers of unsuccessful incoming inter-frequency hard handovers due to different causes		
VS_HHO_InterFreqIn_NoReply	hua_cell_hho_interfreq_tab.umnjietxuebfidfwcm6pvvjbx4	INTEGER	#	Obsolete in release Vn00R010. Number of unsuccessful incoming inter-frequency hard handovers due to no response from the UE upon initiation of hard handover by the RNC in a cell.	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_PyhChFail	hua_cell_hho_interfreq_tab.v2osnaej31bfltqtogbg6uw2qm	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming inter-frequency hard handovers due to different causes	Sum	hucasebh, huctbh
VS_HHO_InterFreqIn_Succ	hua_cell_hho_interfreq_tab.wr55f1i1rdb2defier5c	INTEGER	#	Number of successful	Sum	hucasebh,

	lxpbmy			incoming inter-frequency hard handovers initiated by RNC.		huctbh
VS_HHO_InterFreqIn_ULAdmsnDeny	hua_cell_hho_interfreq_tab.ykjelpi1axbmouj1vljbp4me5d	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful incoming hard handovers initiated by the RNC due to resource congestion.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_CellUpdt	hua_cell_hho_interfreq_tab.v2phxo2a66c5qbfjwam5qutvhr	INTEGER	#	Numbers of unsuccessful outgoing inter-frequency hard handovers due to different causes.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_CfgInvalid	hua_cell_hho_interfreq_tab.uyac33vjsoccac0v64g5aivu31	INTEGER	#	Numbers of unsuccessful outgoing inter-frequency hard handovers due to different causes.	Sum	hucasebh, huctbh

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VS_HHO_InterFreqOut_CfgUnsupp	hua_cell_hho_interfreq_tab.w03pryowwuclws0cd0q2nx02xt	INTEGER	#	Numbers of unsuccessful outgoing inter-frequency hard handovers due to different causes.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_DLAdmsnDeny	hua_cell_hho_interfreq_tab.ylwlj4hd1ycgodvimeefckawk6	INTEGER	#	Numbers of unsuccessful outgoing hard handovers initiated by the RNC due to resource congestion.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_DLCodeRej	hua_cell_hho_interfreq_tab.v3dic1f1tob1vbosqpr3cxjxvn	INTEGER	#	Numbers of unsuccessful outgoing hard handovers initiated by the RNC due to resource congestion.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_FailPrep	hua_cell_hho_interfreq_tab.yearpo4upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to prepare for outgoing inter-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_FailUSR	hua_cell_hho_interfreq_tab.xdo5ipewb0bbtecooq000gr2sy	INTEGER	#	Numbers of unsuccessful outgoing inter-frequency hard handovers	Sum	hucasebh, huctbh

				due to different causes.Incompatible simultaneous reconfiguration		
VS_HHO_InterFreqOut_NoReply	hua_cell_hho_interfreq_tab.vh3gu4bqw6btue2tsu4owd3t36	INTEGER	#	Number of unsuccessful outgoing hard handovers due to no response from the UE upon initiation of hard handover by the RNC in a cell.	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_PyhChFail	hua_cell_hho_interfreq_tab.yehyepkdwkcrwug2srlh1p0ny5	INTEGER	#	Numbers of unsuccessful outgoing inter-frequency hard handovers due to different causes.physical channel failure	Sum	hucasebh, huctbh
VS_HHO_InterFreqOut_RLAddFail	hua_cell_hho_interfreq_tab.yearpobupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to prepare for outgoing inter-frequency hard	Sum	hucasebh, huctbh

				handovers due to RL addition failure		
VS_HHO_InterFreqOut_ULAdmsnDeny	hua_cell_hho_interfreq_tab.uxfle63p1icrfc3aonoct3necs	INTEGER	#	Numbers of unsuccessful outgoing hard handovers initiated by the RNC due to resource congestion.UL admission rejected	Sum	hucasebh, huctbh
VS_HHO_InterFreqRelocPrep_Att	hua_cell_hho_interfreq_tab.yearpnvupw2ahrhr0035xvpkr0	INTEGER	#	Number of requests for relocation preparations with outgoing inter-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_InterFreqRelocPrep_Succ	hua_cell_hho_interfreq_tab.yearpnxupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful relocation preparations with outgoing inter-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_IntraFreqOut_CellUpdt	hua_cell_hho_interfreq_tab.yearpojupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to perform outgoing intra-frequency hard handovers in	Sum	hucasebh, huctbh

				a cell with the failure cause of "cell update occurred"		
VS_HHO_IntraFreqOut_PyhChFail	hua_cell_hho_interfreq_tab.yearpofupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to perform outgoing intra-frequency hard handovers in a cell with the failure cause of "physical channel failure"	Sum	hucasebh, huctbh
VS_HHO_SuccInterCell_LB_MultiRL	hua_cell_hho_interfreq_tab.yearpoxupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful outgoing inter-frequency hard handovers due to load balance	Sum	hucasebh, huctbh
VS_HHO_SuccOutInterNodeBIntraRNCInterFreq	hua_cell_hho_interfreq_tab.tlgtyytxfwbuceskanekjyc2dn	INTEGER	#	Number of successful outgoing Inter-Freq hard handovers between different NodeBs of the same RNC in a cell.	Sum	hucasebh, huctbh

VS_HHO_SuccOutInterRNCInterFreqCN	hua_cell_hho_interfreq_tab.rg6hq6u4bcb3adoomq6rf34psf	INTEGER	#	Number of successful relocations with outgoing Inter-Freq hard handovers in a cell.	Sum	hucasebh, huctbh
VS_HHO_SuccOutInterRNCInterFreqIur	hua_cell_hho_interfreq_tab.x4b3lltfofb46rw03ltc64w0o4	INTEGER	#	Number of successful outgoing Inter-Freq hard handovers between RNCs in a cell.	Sum	hucasebh, huctbh
VS_HHO_SuccOutIntraNodeBInterFreq	hua_cell_hho_interfreq_tab.u3u6tjhkjdcj4t6te5deusxb0q	INTEGER	#	Number of successful outgoing Inter-Freq hard handovers in NodeB in a cell.	Sum	hucasebh, huctbh

6.5.20 Cell.Huawei.UMTS.Hard_HO_InterNB_IntraRNC

Hard handover inter NodeB Intra RNC measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
HHO_FailOInteNBIntrRN_CfgUnsup	hua_cell_hho_nbrnc_tab.ub2wgtbiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers Between Different NodeBs of	Sum	hucasebh, huctbh

				RNC for Different Causes (Cell). Cause Configuration unsupported.		
HHO_FailOInteNBIntrRN_IncoCfg	hua_cell_hho_nbrnc_tab.ub2wgtdiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers Between Different NodeBs of RNC for Different Causes (Cell). Cause Configuration Incomplete.	Sum	hucasebh, huctbh
HHO_FailOInteNBIntrRN_InvCfg	hua_cell_hho_nbrnc_tab.ub2wgtfiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers Between Different NodeBs of RNC for Different Causes (Cell). Cause Invalid Configuration.	Sum	hucasebh, huctbh
HHO_FailOInteNBIntrRN_ISR	hua_cell_hho_nbrnc_tab.ub2wgthiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010.	Sum	hucasebh, huctbh

				Number of Unsuccessful Outgoing Hard Handovers Between Different NodeBs of RNC for Different Causes (Cell). Cause Incompatible simultaneous reconfiguration.		
HHO_FailOInteNBIntrRN_PhChFail	hua_cell_hho_nbrnc_tab.ub2wgtjiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers Between Different NodeBs of RNC for Different Causes (Cell). Cause Physical channel failure.	Sum	hucasebh, huctbh

6.5.21 Cell.Huawei.UMTS.Hard_HO_Intra_NodeB

Hard handover intra NodeB

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HHO_FailOutIntraNB_CfgUnsup	hua_cell_hho_intranb_tab.ub2wgtxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard	Sum	hucasebh, huctbh

				Handovers in NodeB for Different Causes (Cell). Cause Configuration unsupported.		
VS_HHO_FailOutIntraNB_IncoCfg	hua_cell_hho_intranb_tab.ub2wgu0iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers in NodeB for Different Causes (Cell). Cause Configuration Incomplete.	Sum	hucasebh, huctbh
VS_HHO_FailOutIntraNB_InvCfg	hua_cell_hho_intranb_tab.ub2wgu2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers in NodeB for Different Causes (Cell). Cause Invalid Configuration.	Sum	hucasebh, huctbh
VS_HHO_FailOutIntraNB_ISR	hua_cell_hho_intranb_tab.ub2wgu4iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers in NodeB for	Sum	hucasebh, huctbh

				Different Causes (Cell). Cause Incompatible simultaneous reconfiguration.		
VS_HHO_FailOutIntraNB_PhChFail	hua_cell_hho_intranb_tab.ub2wgu6iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of Unsuccessful Outgoing Hard Handovers in NodeB for Different Causes (Cell). Cause Physical channel failure.	Sum	hucasebh, huctbh

6.5.22 Cell.Huawei.UMTS.Hard_HO_IntraFreq

Intra Frequency Hard Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_SuccOutInterNodeBIntraRNCIntraFreq	100 * {VS_HHO_SuccOutInterNodeBIntraRNCIntraFreq}/ {VS_HHO_AttOutInterNodeBIntraRNCIntraFreq}	FLOAT	%	Percentage successful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell	Average	hucasebh, huctbh
_%_VS_HHO_SuccOutInterRNCIntraFreqCN	100 * {VS_HHO_SuccOutInterRNCIntraFreqCN}/ {VS_HHO_AttOutInterRNCIntraFreqCN}	FLOAT	%	Percentage successful relocations with outgoing Intra-Freq hard handovers in a cell.	Average	hucasebh, huctbh

_%_VS_HHO_SuccOutIntraNodeBIntraFreq	100 * {VS_HHO_SuccOutIntraNodeBIntraFreq}/ {VS_HHO_AttOutIntraNodeBIntraFreq}	FLOAT	%	Percentage successful outgoing Intra-Freq hard handovers in NodeB in a cell.	Average	hucasebh, huctbh
FailOutInterNodeBIntraRNCIntraFreq_IncompCfg	hua_cell_hho_intrafreq_tab.ycamrgpp2tcvorcmc4xgw2dvyy	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell due to Configuration Incomplete	Sum	hucasebh, huctbh
FailOutInterNodeBIntraRNCIntraFreq_PhyChFail	hua_cell_hho_intrafreq_tab.tfrvdriykdcqqd22lgafqba5sb	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell due to Physical channel failure	Sum	hucasebh, huctbh
VS_HHO_AttOutInterNodeBIntraRNCIntraFreq	hua_cell_hho_intrafreq_tab.tcwacpq5i3b6osilf0qegisdfk	INTEGER	#	Number of requests for outgoing Intra-	Sum	hucasebh, huctbh

				Freq hard handovers between different NodeBs of the same RNC in a cell. Where, the source cell and the target cell belong to the same RNC but different NodeB.		
VS_HHO_AttOutInterRNCIntraFreqCN	hua_cell_hho_intrafreq_tab.xxlnejryo6crhdvlr00tnmtdwt	INTEGER	#	Number of reconfigurations for relocations with outgoing Intra-Freq hard handovers in a cell. After successful preparation for relocation with Intra-Freq hard handover, the SRNC originates a reconfiguration procedure to UE. The reconfiguration procedure involves the following messages: RADIO BEARER SETUP RADIO BEARER RECONFIGURATION RADIO BEARER	Sum	hucasebh, huctbh

				RELEASE TRANSPORT CHANNEL RECONFIGURATION PHYSICAL CHANNEL RECONFIGURATION Where, the source cell and the target cell belong to different CNs.		
VS_HHO_AttOutIntraNodeBIntraFreq	hua_cell_hho_intrafreq_tab.woxf0k3bc0b3rsbvsg1k2w20tm	INTEGER	#	Number of requests for outgoing Intra-Freq hard handovers in NodeB in a cell. Outgoing Intra-Freq hard handovers in NodeB refers to such an Intra-Freq hard handover where the source cell and the target cell belong to the same NodeB	Sum	hucasebh, huctbh
VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_CfgUnsup	hua_cell_hho_intrafreq_tab.sxn6pcvmpdcorcrnde22wgtppy	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers	Sum	hucasebh, huctbh

				between different NodeBs of the same RNC in a cell due to Configuration unsupported		
VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_InvCfg	hua_cell_hho_intrafreq_tab.twq2ttd05kcedblsg54r411gln	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell due to Invalid Configuration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_ISR	hua_cell_hho_intrafreq_tab.uii02ce2mmbuodh1alsfa5x6by	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell due to Incompatible simultaneous reconfiguration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqCN_CfgUnsup	hua_cell_hho_intrafreq_tab.x4t6bspscyb64dt1gc4uamjde0	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful	Sum	hucasebh, huctbh

				SRNC relocations with Intra-Freq hard handover during SRNC reconfigurations due to different causes in a cell, Configuration Unsupported		
VS_HHO_FailOutInterRNCIntraFreqCN_IncompCfg	hua_cell_hho_intrafreq_tab.s042qwkyvgbnidhqk0rd326jos	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Intra-Freq hard handover during SRNC reconfigurations due to different causes in a cell, Configuration Incomplete	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqCN_InvCfg	hua_cell_hho_intrafreq_tab.xfw5buth5qb6munur1lmwtieyb	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Intra-Freq hard handover during SRNC reconfiguratio	Sum	hucasebh, huctbh

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				ns due to different causes in a cell, Invalid Configuration		
VS_HHO_FailOutInterRNCIntraFreqCN_ISR	hua_cell_hho_intrafreq_tab.xyhppv2hcdbbbtcq1ng2s2bxdb	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Intra-Freq hard handover during SRNC reconfigurations due to different causes in a cell, Incompatible simultaneous reconfiguration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqCN_PhyChFail	hua_cell_hho_intrafreq_tab.y5m1pv3lbbc3eccpnvx1t5lim3	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful SRNC relocations with Intra-Freq hard handover during SRNC reconfigurations due to different causes in a cell, Physical Channel Failure	Sum	hucasebh, huctbh
VS_HHO_FailOutIntraNodeBIntraFreq_CfgUnsup	hua_cell_hho_intrafreq_tab.tk13rhat2yb25ehsgccfejeqaj	INTEGER	#	Obsolete in release Vn00R010.	Sum	hucasebh, huctbh

				Numbers of unsuccessful outgoing Intra-Freq hard handovers in NodeB in a cell due to different causes, configuration unsupported		
VS_HHO_FailOutIntraNodeBIntraFreq_IncompCfg	hua_cell_hho_intrafreq_tab.wjwl0q5kl1c5dtsonphyhiotfi	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers in NodeB in a cell due to different causes, Configuration Incomplete	Sum	hucasebh, huctbh
VS_HHO_FailOutIntraNodeBIntraFreq_InvCfg	hua_cell_hho_intrafreq_tab.tex4yfxfs3b3kew43ufhcgpwnn	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers in NodeB in a cell due to different causes, Invalid Configuration	Sum	hucasebh, huctbh
VS_HHO_FailOutIntraNodeBIntraFreq_ISR	hua_cell_hho_intrafreq_tab.wkt3ckuwu4cyuen63slj	INTEGER	#	Obsolete in release	Sum	hucasebh,

	s4qgs6			Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers in NodeB in a cell due to different causes, Incompatible simultaneous reconfiguratio n		huctbh
VS_HHO_FailOutIntraNodeBIntraFreq_PhyChFail	hua_cell_hho_intrafreq_tab.urrk6n5e3rcece64ghml54fgky	INTEGER	#	Obsolete in release Vn00R010. Numbers of unsuccessful outgoing Intra-Freq hard handovers in NodeB in a cell due to different causes, physical channel failure	Sum	hucasebh, huctbh
VS_HHO_IntraFreq_In_Drop	hua_cell_hho_intrafreq_tab.ugem2hxyykcyvr4ay2opdkrvgc	INTEGER	#	Obsolete from UTRAN/V900R011:Number of call drops due to unsuccessful intra-frequency hard handovers to the target	Sum	hucasebh, huctbh
VS_HHO_IntraFreq_Out_Drop	hua_cell_hho_intrafreq_tab.rssc4o5xjdbgabxknb0bdkkdwq	INTEGER	#	Number of call drops due to unsuccessful intra-frequency hard handovers	Sum	hucasebh, huctbh

				from a cell		
VS_HHO_IntraFreqOut_CfgInvalid	hua_cell_hho_intrafreq_tab.yearpotupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to perform outgoing intra-frequency hard handovers in a cell with the failure cause of "invalid configuration"	Sum	hucasebh, huctbh
VS_HHO_IntraFreqOut_CfgUnsupp	hua_cell_hho_intrafreq_tab.yearpodupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to perform outgoing intra-frequency hard handovers in a cell with the failure cause of "configuration unsupported"	Sum	hucasebh, huctbh
VS_HHO_IntraFreqOut_FailPrep	hua_cell_hho_intrafreq_tab.yearpo2upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to prepare for outgoing intra-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_IntraFreqOut_FailUSR	hua_cell_hho_intrafreq_tab.yearpohupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to perform outgoing intra-frequency hard handovers in a cell with the failure cause of "incompatible simultaneous	Sum	hucasebh, huctbh

				reconfiguration"		
VS_HHO_IntraFreqOut_NoReply	hua_cell_hho_intrafreq_tab.yearpo0upw2ahrhr0035xvpkr0	INTEGER	#	Number of outgoing intra-frequency hard handover failures due to no response	Sum	hucasebh, huctbh
VS_HHO_IntraFreqOut_RLAddFail	hua_cell_hho_intrafreq_tab.yearpo6upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to prepare for outgoing intra-frequency hard handovers due to RL addition failure	Sum	hucasebh, huctbh
VS_HHO_IntraFreqRelocPrep_Att	hua_cell_hho_intrafreq_tab.yearpnrupw2ahrhr0035xvpkr0	INTEGER	#	Number of requests for relocation preparations with outgoing intra-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_IntraFreqRelocPrep_Succ	hua_cell_hho_intrafreq_tab.yearpntupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful relocation preparations with outgoing intra-frequency hard handovers	Sum	hucasebh, huctbh
VS_HHO_SuccOutInterNodeBIntraRNCIntraFreq	hua_cell_hho_intrafreq_tab.w3m0j6godvbrqbqin6qvcl4nqm	INTEGER	#	Number of successful outgoing Intra-Freq hard handovers between different NodeBs of the same RNC in a cell	Sum	hucasebh, huctbh

VS_HHO_SuccOutInterRNCIntraFreqCN	hua_cell_hho_intrafreq_tab.vjj1s4qtnqcbutwnpgw1yn4qoc	INTEGER	#	Number of successful relocations with outgoing Intra-Freq hard handovers in a cell.	Sum	hucasebh, huctbh
VS_HHO_SuccOutIntraNodeBIntraFreq	hua_cell_hho_intrafreq_tab.xryu6ga6s0b6btg3ih45gibg0q	INTEGER	#	Number of successful outgoing Intra-Freq hard handovers in NodeB in a cell.	Sum	hucasebh, huctbh

6.5.23 Cell.Huawei.UMTS.Hard_HO_Iur

Iur Hard Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_SuccOutInterRNCIntraFreqIur	100 * {VS_HHO_SuccOutInterRNCIntraFreqIur}/ {VS_HHO_AttOutInterRNCIntraFreqIur}	FLOAT	%	Percentage successful outgoing Intra-Freq hard handovers between RNCs in a cell.	Average	hucasebh, huctbh
VS_HHO_AttOutInterRNCIntraFreqIur	hua_cell_hard_ho_iur_tab.t15emitqjub4itpuo2iniv2qg4	INTEGER	#	Number of requests for outgoing Intra-Freq hard handovers between RNCs in a	Sum	hucasebh, huctbh

				cell. Where, the source cell and the target cell belong to different RNCs, and the Intra-Freq hard handover is performed through the Iur interface		
VS_HHO_FailOInteRNIur_CfgUnsup	hua_cell_hard_ho_iur_tab.ub2wgtniyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Outgoing Hard Handovers Between RNCs (Cell). Cause Configuration unsupported.	Sum	hucasebh, huctbh
VS_HHO_FailOInteRNIur_IncoCfg	hua_cell_hard_ho_iur_tab.ub2wgtpiyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Outgoing Hard Handovers Between RNCs (Cell). Cause Configuration Incomplete.	Sum	hucasebh, huctbh
VS_HHO_FailOInteRNIur_InvCfg	hua_cell_hard_ho_iur_tab.ub2wgtriyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Outgoing Hard Handovers Between RNCs (Cell). Cause Invalid	Sum	hucasebh, huctbh

				Configuration.		
VS_HHO_FailOInteRNIur_ISR	hua_cell_hard_ho_iur_tab.ub2wgttiyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Outgoing Hard Handovers Between RNCs (Cell). Cause Incompatible simultaneous reconfiguration.	Sum	hucasebh, huctbh
VS_HHO_FailOInteRNIur_PhChFail	hua_cell_hard_ho_iur_tab.ub2wgtviyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Outgoing Hard Handovers Between RNCs (Cell). Cause Physical channel failure.	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqIur_CfgUnsup	hua_cell_hard_ho_iur_tab.r45vhb5kvnct4ur5yj6erngaow	INTEGER	#	Numbers of unsuccessful outgoing Intra-Freq hard handovers between RNCs in a cell due to different causes, Configuration unsupported	Sum	hucasebh, huctbh

VS_HHO_FailOutInterRNCIntraFreqIur_IncompCfg	hua_cell_hard_ho_iur_tab.s5mhrn2tc6c4frvymlmlddlp4d	INTEGER	#	Numbers of unsuccessful outgoing Intra-Freq hard handovers between RNCs in a cell due to different causes, Configuration Incomplete	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqIur_InvCfg	hua_cell_hard_ho_iur_tab.uxqx5wqjuab55t3je5kcr5w2sy	INTEGER	#	Numbers of unsuccessful outgoing Intra-Freq hard handovers between RNCs in a cell due to different causes, Invalid Configuration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqIur_ISR	hua_cell_hard_ho_iur_tab.x3jsnwd6webjmbf45t3ydx3lro	INTEGER	#	Numbers of unsuccessful outgoing Intra-Freq hard handovers between RNCs in a cell due to different causes, Incompatible simultaneous reconfiguration	Sum	hucasebh, huctbh
VS_HHO_FailOutInterRNCIntraFreqIur_Ph	hua_cell_hard_ho_iur_tab.x3o6jvv5wkc4gef4h1miy	INTEGER	#	Numbers of unsuccessful	Sum	hucasebh, huctbh

yChFail	xn6pp			outgoing Intra-Freq hard handovers between RNCs in a cell due to different causes, Physical channel failure		
VS_HHO_SuccOutInterRNCIntraFreqIur	hua_cell_hard_ho_iur_tab.vodtv63br0cb6tcsofq4dtqism	INTEGER	#	Number of successful outgoing Intra-Freq hard handovers between RNCs in a cell.	Sum	hucasebh, huctbh

6.5.24 Cell.Huawei.UMTS.Hard_HO_MultiBand

Hard inter-band handovers

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MBand_HO_AttOutCS	hua_hard_ho_multiband_tab.yearpolupw2ahrhr0035xvpkr0	INTEGER	#	Number of requests for outgoing inter-band hard handovers of CS services	Sum	hucasebh, huctbh
VS_MBand_HO_AttOutPS	hua_hard_ho_multiband_tab.yearpopupw2ahrhr0035xvpkr0	INTEGER	#	Number of requests for outgoing inter-band hard	Sum	hucasebh, huctbh

				handovers of PS services		
VS_MBand_HO_SuccOutCS	hua_hard_ho_multiband_tab.yearponupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful outgoing inter-band hard handovers for CS services	Sum	hucasebh, huctbh
VS_MBand_HO_SuccOutPS	hua_hard_ho_multiband_tab.yearporupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful outgoing inter-band hard handovers for PS services	Sum	hucasebh, huctbh

6.5.25 Cell.Huawei.UMTS.Hardware_Resources_Usage

Hardware Resource Usage data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRIUB_NonEmerCall_DL_Rej	hua_cell_hdware_res_usg_tab.uuo23ijilk2ahdh6b035xkcuc6	INTEGER	#	Number of rejections of downlink Iub resource requests for non-emergency calls in a cell.	Sum	hucasebh, huctbh
VS_RRIUB_NonEmerCall_Rej	hua_cell_hdware_res_usg_tab.y32nyg62wkcyms2mthgt0k2ubg	INTEGER	#	Number of rejects of Iub Resource requests for non-emergency calls in a cell.	Sum	hucasebh, huctbh
VS_RRIUB_NonEmerCall_Req	hua_cell_hdware_res_usg_tab.tqteonrtsvb43djebyvau3fhfk	INTEGER	#	Number of Iub transmission requests for non-emergency calls in a cell.	Sum	hucasebh, huctbh
VS_RRIUB_NonEmerCall_UL	hua_cell_hdware_res_usg_tab.uuo23ihilk2ahdh6b035	INTEGER	#	Number of rejections of	Sum	hucasebh, huctbh

_Rej	xkcuc6			uplink Iub resource requests for non-emergency calls in a cell.		
VS_RRNBCred_NonEmerCall_DL_Rej	hua_cell_hdware_res_usg_tab.uuo23irilk2ahdh6b035xkcuc6	INTEGER	#	Number of rejections of downlink CE resource requests for non-emergency calls in a cell	Sum	hucasebh, huctbh
VS_RRNBCred_NonEmerCall_Rej	hua_cell_hdware_res_usg_tab.uh63q12airbr2upmqpfj2daqgq	INTEGER	#	Number of rejects of CE resource requests for non-emergency calls.	Sum	hucasebh, huctbh
VS_RRNBCred_NonEmerCall_Req	hua_cell_hdware_res_usg_tab.vhwgcghodbbykr6s0xr65h1fyn	INTEGER	#	Number of CE resource requests for UEs upon common call initiation.	Sum	hucasebh, huctbh
VS_RRNBCred_NonEmerCall_UL_Rej	hua_cell_hdware_res_usg_tab.uuo23ipilk2ahdh6b035xkcuc6	INTEGER	#	Number of rejections of uplink CE resource requests for non-emergency calls in a cell	Sum	hucasebh, huctbh

6.5.26 Cell.Huawei.UMTS.HSDPA_Mobility

High Speed Data Packet Access Mobility data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

_%_VS_HSDPA_ChR_DCHtoHSDSCH_MultRLs_Succ	100 * {VS_HSDPA_ChR_DCHtoHSDSCH_MultRLs_Succ}/ {VS_HSDPA_ChR_DCHtoHSDSCH_MultRLs_Att}	FLOAT	%	Obsolete in release Vn00R010. Percentage successful handovers from DCH to HS-DSCH in the case of multiple RLs in a cell	Average	hucasebh, huctbh
_%_VS_HSDPA_ChR_DCHtoHSDSCH	100 * {VS_HSDPA_ChR_DCHtoHSDSCH}/ {VS_HSDPA_ChR_DCHtoHSDSCH_Att}	FLOAT	%	Percentage successful handovers from DCH to HSDSCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Average	hucasebh, huctbh
_%_VS_HSDPA_ChR_FACHtoHSDSCH	100 * {VS_HSDPA_ChR_FACHtoHSDSCH}/ {VS_HSDPA_ChR_FACHtoHSDSCH_Att}	FLOAT	%	Percentage successful handovers from FACH to HSDSCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Average	hucasebh, huctbh
_%_VS_HSDPA_ChR_HSDSCHtoDCH_MultRLs_Succ	100 * {VS_HSDPA_ChR_HSDSCHtoDCH_MultRLs_Succ}/ {VS_HSDPA_ChR_HSDSCHtoDCH_MultRLs_Att}	FLOAT	%	Obsolete in release Vn00R010. Percentage successful handovers from HS-DSCH to DCH in the case of	Average	hucasebh, huctbh

				multiple RLs in a cell		
_%_VS_HSDPA_ChR_HSDSCHtoDCH	100 * {VS_HSDPA_ChR_HSDSCHtoDCH}/ {VS_HSDPA_ChR_HSDSCHtoDCH_Att}	FLOAT	%	Percentage successful handovers from HSDSCH to DCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included	Average	hucasebh, huctbh
_%_VS_HSDPA_ChR_HSDSCHtoFACH	100 * {VS_HSDPA_ChR_HSDSCHtoFACH}/ {VS_HSDPA_ChR_HSDSCHtoFACH_Att}	FLOAT	%	Percentage successful handovers from HSDSCH to FACH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Average	hucasebh, huctbh
_%_VS_HSDPA_HHO_H2D_SuccOutInterFreq	100 * {VS_HSDPA_HHO_H2D_SuccOutInterFreq}/ {VS_HSDPA_HHO_H2D_AttOutInterFreq}	FLOAT	%	Percentage successful inter-frequency hard handovers from HS-DSCH to DCH in a cell.	Average	hucasebh, huctbh
_%_VS_HSDPA_HHO_H2D_SuccOutIntraFreq	100 * {VS_HSDPA_HHO_H2D_SuccOutIntraFreq}/ {VS_HSDPA_HHO_H2D_AttOutIntraFreq}	FLOAT	%	Percentage successful intra-frequency hard handovers from HS-DSCH to DCH in a cell.	Average	hucasebh, huctbh

_%_VS_HSDPA_HHO_SuccOutInterFreq	100 * {VS_HSDPA_HHO_SuccOutInterFreq}/ {VS_HSDPA_HHO_AttOutInterFreq}	FLOAT	%	Percentage successful inter-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Average	hucasebh, huctbh
_%_VS_HSDPA_HHO_SuccOutIntraFreq	100 * {VS_HSDPA_HHO_SuccOutIntraFreq}/ {VS_HSDPA_HHO_AttOutIntraFreq}	FLOAT	%	Percentage successful intra-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Average	hucasebh, huctbh
VS_HSDPA_CellChg_AttOutIur	hua_cell_hsdpa_mobility_tab.yearprtupw2ahrhr0035xvpkr0	INTEGER	#	Number of inter-RNC HS-DSCH serving cell change attempts	Sum	hucasebh, huctbh
VS_HSDPA_CellChg_SuccOutIur	hua_cell_hsdpa_mobility_tab.yearprvupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful inter-RNC HS-DSCH serving cell changes	Sum	hucasebh, huctbh
VS_HSDPA_ChR_DCHtoHSDSCH_Att	hua_cell_hsdpa_mobility_tab.sirciueirkcvtsntg11shw3l25	INTEGER	#	Number of handover attempts from DCH to HS-DSCH in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_DCHtoHSDSCH_MultRLs_Att	hua_cell_hsdpa_mobility_tab.tovaaeo3k0bffsimsy2b402ipr	INTEGER	#	Obsolete in release Vn00R010. Number of handover attempts from DCH to HS-DSCH in the case of multiple RLs in a cell	Sum	hucasebh, huctbh

VS_HSDPA_ChR_DCHtoHSDSCH_MultRLs_Succ	hua_cell_hsdpa_mobility_tab.x2we101jx0bnocp0gq1wmo2vxf	INTEGER	#	Obsolete in release Vn00R010. Number of successful handovers from DCH to HS-DSCH in the case of multiple RLs in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_DCHtoHSDSCH	hua_cell_hsdpa_mobility_tab.syarcgqri4cw5ewfjguk0ol1ly	INTEGER	#	Number of successful handovers from DCH to HSDSCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Sum	hucasebh, huctbh
VS_HSDPA_ChR_FACHtoHSDSCH_Att	hua_cell_hsdpa_mobility_tab.vhgi4gonbscewrk4mcbvggj6fs	INTEGER	#	Number of handover attempts from FACH to HS-DSCH in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_FACHtoHSDSCH	hua_cell_hsdpa_mobility_tab.uracdsgs2dcetcve2wuvmoru1v	INTEGER	#	Number of successful handovers from FACH to HSDSCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Sum	hucasebh, huctbh

VS_HSDPA_ChR_HSDSCHtoDCH_Att	hua_cell_hsdpa_mobility_tab.twgubqmsxjc05u231bhdvolqby	INTEGER	#	Number of handover attempts from HS-DSCH to DCH in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_HSDSCHtoDCH_MultRLs_Att	hua_cell_hsdpa_mobility_tab.xhw1nb4c61csmsskxbduobbyaa	INTEGER	#	Obsolete in release Vn00R010. Number of handover attempts from HS-DSCH to DCH in the case of multiple RLs in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_HSDSCHtoDCH_MultRLs_Succ	hua_cell_hsdpa_mobility_tab.ysp1eqqg54clorpqcsd6t36jc0	INTEGER	#	Obsolete in release Vn00R010. Number of successful handovers from HS-DSCH to DCH in the case of multiple RLs in a cell	Sum	hucasebh, huctbh
VS_HSDPA_ChR_HSDSCHtoDCH	hua_cell_hsdpa_mobility_tab.yw45mtynvcbd4ehxqfk5lsm6ok	INTEGER	#	Number of successful handovers from HSDSCH to DCH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included	Sum	hucasebh, huctbh
VS_HSDPA_ChR_HSDSCHtoFACH_Att	hua_cell_hsdpa_mobility_tab.unqa5dts1gcdhed4eyayhyqbvb	INTEGER	#	Number of handover attempts from HS-DSCH to FACH in a cell	Sum	hucasebh, huctbh

VS_HSDPA_ChR_HSDSCHtoFACH	hua_cell_hsdpa_mobility_tab.r33nwfmrmyb5rt5t052e4bw6ay	INTEGER	#	Number of successful handovers from HSDSCH to FACH in a cell, the procedure triggered by RAB ASSIGNMENT procedure is not included.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_AttOutInterFreq	hua_cell_hsdpa_mobility_tab.rdkmo1spjpcxkbt01h4raxsu1s	INTEGER	#	Number of requests for inter-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_AttOutIntraFreq	hua_cell_hsdpa_mobility_tab.w3akbbcsdsbvnrrhxvg4xrlmje	INTEGER	#	Number of requests for intra-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_AttOutIur	hua_cell_hsdpa_mobility_tab.yearprxupw2ahrhr0035xvpkr0	INTEGER	#	Number of inter-RNC HS-DSCH service HHO requests without channel change	Sum	hucasebh, huctbh
VS_HSDPA_HHO_H2D_AttOutInterFreq	hua_cell_hsdpa_mobility_tab.upk4k31eyubxdcflivijycibjf	INTEGER	#	Number of requests for inter-frequency hard handovers from HS-	Sum	hucasebh, huctbh

				DSCH to DCH in a cell.		
VS_HSDPA_HHO_H2D_AttOutIntraFreq	hua_cell_hsdpa_mobility_tab.yocraccqxxbfpb4c0afr5caqxd	INTEGER	#	Number of requests for intra-frequency hard handovers from HS-DSCH to DCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_H2D_SuccOutInterFreq	hua_cell_hsdpa_mobility_tab.usgjy1neswbthcmm2mewgythb3	INTEGER	#	Number of successful inter-frequency hard handovers from HS-DSCH to DCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_H2D_SuccOutIntraFreq	hua_cell_hsdpa_mobility_tab.ugoreeie4kbd4c4fmg6m40c15g	INTEGER	#	Number of successful intra-frequency hard handovers from HS-DSCH to DCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_SuccOutInterFreq	hua_cell_hsdpa_mobility_tab.yew3nku5hmb0nuvrhxtuti0o6w	INTEGER	#	Number of successful inter-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_SuccOutIntraFreq	hua_cell_hsdpa_mobility_tab.v2i46st2ptbqjupx4ain6hi6hk	INTEGER	#	Number of successful intra-frequency hard handovers from HS-DSCH to HS-DSCH in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_SuccOutIur	hua_cell_hsdpa_mobility_tab.yearps0upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful inter-RNC HS-	Sum	hucasebh, huctbh

				DSCH service HHOs without channel change		
VS_HSDPA_SHO_CellChg_AttOut	hua_cell_hsdpa_mobility_tab.tldwaf1g4vbn5uaeo0oq02y4ng	INTEGER	#	Number of Intra-RNC HSDPA Serving Cell Change Attempts for Cell	Sum	hucasebh, huctbh
VS_HSDPA_SHO_CellChg_SuccOut	hua_cell_hsdpa_mobility_tab.wpl0y54jv6b6hcfp0pmktpiwe3	INTEGER	#	Number of Intra-RNC HSDPA Serving Cell Change Success in RNC for Cell	Sum	hucasebh, huctbh

6.5.27 Cell.Huawei.UMTS.HSDPA_Throughput

HSDPA Throughput

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
HSDPA_CopperBeChThroughput_0	hua_cell_hsdpathrpt_tab.xlsnxwrlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 0kbps to 32kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_10	hua_cell_hsdpathrpt_tab.xlsnxxflui2aidkrb02ofaw	INTEGER	#	The number of times that	Sum	hucasebh, huctbh

	jhk			the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 4096kbps to 6144kbps.		
HSDPA_CopperBeChThroughput_11	hua_cell_hsdpathrpt_tab.xlsnxxhlui2aidkrb02ofawjhk	INTEGER	#	VThe number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 6144kbps to 8192kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_12	hua_cell_hsdpathrpt_tab.xlsnxxjlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 8192kbps to 12288kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_13	hua_cell_hsdpathrpt_tab.xlsnxxllui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is more than	Sum	hucasebh, huctbh

				12288kbps.		
HSDPA_CopperBeChThroughput_1	hua_cell_hsdpathrpt_tab.xlsnxwtlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 32kbps to 64kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_2	hua_cell_hsdpathrpt_tab.xlsnxwvlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 64kbps to256kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_3	hua_cell_hsdpathrpt_tab.xlsnxwxlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_4	hua_cell_hsdpathrpt_tab.xlsnxx0lui2aidkrb02ofaw	INTEGER	#	The number of times that	Sum	hucasebh, huctbh

	jhk			the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 512kbps to 768kbps.		
HSDPA_CopperBeChThroughput_5	hua_cell_hsdpathrpt_tab.xlsnxx2lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 768kbps to 1024kbps	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_6	hua_cell_hsdpathrpt_tab.xlsnxx4lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 1024kbps to 1536kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_7	hua_cell_hsdpathrpt_tab.xlsnxx6lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between	Sum	hucasebh, huctbh

				1536kbps to 2048kbps.		
HSDPA_CopperBeChThroughput_8	hua_cell_hsdpathrpt_tab.xlsnxxblui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 2048kbps to 3072kbps.	Sum	hucasebh, huctbh
HSDPA_CopperBeChThroughput_9	hua_cell_hsdpathrpt_tab.xlsnxxdlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 3072kbps to 4096kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_0	hua_cell_hsdpathrpt_tab.xlsnxv0lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 0kbps to 32kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBe	hua_cell_hsdpathrpt_tab.	INTEG	#	The number	Sum	hucasebh

ChThroughput_10	xlsnxvnlui2aidkrb02ofawjhk	ER		of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 4096kbps to 6144kbps.		, huctbh
HSDPA_GoldenBeChThroughput_11	hua_cell_hsdpathrpt_tab.xlsnxvplui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 6144kbps to 8192kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_12	hua_cell_hsdpathrpt_tab.xlsnxvrlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 8192kbps to 12288kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_13	hua_cell_hsdpathrpt_tab.xlsnxvtlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is	Sum	hucasebh, huctbh

				more than 12288kbps.		
HSDPA_GoldenBeChThroughput_1	hua_cell_hsdpathrpt_tab.xlsnxv2lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 32kbps to 64kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_2	hua_cell_hsdpathrpt_tab.xlsnxv4lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 64kbps to256kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_3	hua_cell_hsdpathrpt_tab.xlsnxv6lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBe	hua_cell_hsdpathrpt_tab.	INTEG	#	The number	Sum	hucasebh

ChThroughput_4	xlsnxvblui2aidkrb02ofawjhk	ER		of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 512kbps to 768kbps.		, huctbh
HSDPA_GoldenBeChThroughput_5	hua_cell_hsdpathrpt_tab.xlsnxvdlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 768kbps to 1024kbps	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_6	hua_cell_hsdpathrpt_tab.xlsnxvflui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 1024kbps to 1536kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_7	hua_cell_hsdpathrpt_tab.xlsnxvhlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is	Sum	hucasebh, huctbh

				between 1536kbps to 2048kbps.		
HSDPA_GoldenBeChThroughput_8	hua_cell_hsdpathrpt_tab.xlsnxvjlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 2048kbps to 3072kbps.	Sum	hucasebh, huctbh
HSDPA_GoldenBeChThroughput_9	hua_cell_hsdpathrpt_tab.xlsnxvllui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 3072kbps to 4096kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_0	hua_cell_hsdpathrpt_tab.xlsnxvvlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 0kbps to 32kbps.	Sum	hucasebh, huctbh

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HSDPA_SilverBeChThroughput_10	hua_cell_hsdpathrpt_tab.xlsnxwjlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 4096kbps to 6144kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_11	hua_cell_hsdpathrpt_tab.xlsnxwllui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 6144kbps to 8192kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_12	hua_cell_hsdpathrpt_tab.xlsnxwnlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 8192kbps to 12288kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_13	hua_cell_hsdpathrpt_tab.xlsnxwplui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20	Sum	hucasebh, huctbh

				seconds is more than 12288kbps.		
HSDPA_SilverBeChThroughput_1	hua_cell_hsdpathrpt_tab.xlsnxvxlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 32kbps to 64kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_2	hua_cell_hsdpathrpt_tab.xlsnxw0lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 64kbps to256kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_3	hua_cell_hsdpathrpt_tab.xlsnxw2lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh

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HSDPA_SilverBeChThroughput_4	hua_cell_hsdpathrpt_tab.xlsnxw4lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 512kbps to 768kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_5	hua_cell_hsdpathrpt_tab.xlsnxw6lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 768kbps to 1024kbps	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_6	hua_cell_hsdpathrpt_tab.xlsnxwblui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 1024kbps to 1536kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_7	hua_cell_hsdpathrpt_tab.xlsnxwdlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20	Sum	hucasebh, huctbh

				seconds is between 1536kbps to 2048kbps.		
HSDPA_SilverBeChThroughput_8	hua_cell_hsdpathrpt_tab.xlsnxwflui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 2048kbps to 3072kbps.	Sum	hucasebh, huctbh
HSDPA_SilverBeChThroughput_9	hua_cell_hsdpathrpt_tab.xlsnxwhlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the downlink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 3072kbps to 4096kbps.	Sum	hucasebh, huctbh

6.5.28 Cell.Huawei.UMTS.HSDPA_UE_Ratio

HSDPA UE Ratio

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSDPA_UE_Ratio_Max_CAT1_6	hua_cell_hsdpaue_tab.xlsnxoxlui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT	Average	hucasebh, huctbh, Sum,

				1-6 in a cell within one report period.		Minimum, Maximum
VS_HSDPA_UE_Ratio_Max_CAT11_12	hua_cell_hsdpaue_tab.xlsnxp2lui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT 11-12 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Max_CAT13_14	hua_cell_hsdpaue_tab.xlsnxp4lui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT 13-14 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Max_CAT15_16	hua_cell_hsdpaue_tab.xlsnxp6lui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT 15-16 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Max_CAT17_20	hua_cell_hsdpaue_tab.xlsnxpblui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT 17-20 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Max_CAT7_10	hua_cell_hsdpaue_tab.xlsnxp0lui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSDPA UE with CAT 7-10 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT1_6	hua_cell_hsdpaue_tab.xlsnxpdlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT	Average	hucasebh, huctbh, Sum,

				1-6 in a cell within one report period.		Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT11_12	hua_cell_hsdpaue_tab.xlsnxphlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT 11-12 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT13_14	hua_cell_hsdpaue_tab.xlsnxpjlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT 13-14 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT15_16	hua_cell_hsdpaue_tab.xlsnxpllui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT 15-16 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT17_20	hua_cell_hsdpaue_tab.xlsnxpnlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT 17-20 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_UE_Ratio_Mean_CAT7_10	hua_cell_hsdpaue_tab.xlsnxpflui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSDPA UE with CAT 7-10 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximu

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6.5.29 Cell.Huawei.UMTS.HSDPA

High Speed Data Packet Access data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HSDPA_RAB_SuccEstab	100 * {VS_HSDPA_RAB_SuccEstab}/ {VS_HSDPA_RAB_AttEstab}	FLOAT	%	Percentage successful setups of the HSDPA service in each cell.	Average	hucasebh, huctbh
VS_HSDPA_MACD_Mean_Cell	hua_cell_hsdpa_tab.tjtih51dkube1cug30j0xp0x4x	FLOAT	#	Mean number of MAC-D flows in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_MACD_Rel	hua_cell_hsdpa_tab.siac6lbuw1cqsee0gwereagcgn	INTEGER	#	Number of MAC-D flows released in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MACDFailDelPerCell	hua_cell_hsdpa_tab.xx0ccsv3gybaubu1n0ltr3wj5o	INTEGER	#	Number of unsuccessful HSDPA service deletions in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MACDFailStpPerCell	hua_cell_hsdpa_tab.w0kq03b2t5cnrcjqwmjtat1320	INTEGER	#	Number of unsuccessful HSDPA service setups in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MACDSuccDelPerCell	hua_cell_hsdpa_tab.un1syuyxp4bafb12lmst061l40	INTEGER	#	Number of successful HSDPA	Sum	hucasebh, huctbh

				service deletions in a cell.		
VS_HSDPA_MACDSuccStpPerCell	hua_cell_hsdpa_tab.vtga0ryresbinr5fyjnfbonnsk	INTEGER	#	Number of successful MAC-d Flow setups in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MeanChThroughput_Times	hua_cell_hsdpa_tab.umgqyaowa5cwosnd02eonf5qek	INTEGER	#	Mean throughput of MAC-D flows in a cell. Times	Sum	hucasebh, huctbh
VS_HSDPA_MeanChThroughput_TotalBytes	hua_cell_hsdpa_tab.s0xlhfmt0vcqjr4u4btjuvks3y	INTEGER	Byte	Mean throughput of MAC-D flows in a cell.Total bytes	Sum	hucasebh, huctbh
VS_HSDPA_MeanChThroughput	hua_cell_hsdpa_tab.xe23td6c10bbmslwo1p44e554g	FLOAT	kbs	Mean throughput of MAC-D flows in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_MeanCopperBeChThroughput_TotalBytes	hua_cell_hsdpa_tab.yearprrupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted in MAC-d flow of copper BE traffic	Sum	hucasebh, huctbh
VS_HSDPA_MeanCopperBeChThroughput	hua_cell_hsdpa_tab.yearprpupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of copper BE	Average	hucasebh, huctbh, Sum, Minimum,

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				traffic		Maximum
VS_HSDPA_MeanCopperBeChThrp	hua_cell_hsdpa_tab.xlsnxovlui2aidkrb02ofawjhk	INTEGER	ms	This measurement item provides the mean downlink throughput of MAC-d flow of copper BE traffic in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MeanGoldenBeChThroughput_TotalBytes	hua_cell_hsdpa_tab.yearprjupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted in MAC-d flow of golden BE traffic	Sum	hucasebh, huctbh
VS_HSDPA_MeanGoldenBeChThroughput	hua_cell_hsdpa_tab.yearprhupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of golden BE traffic	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_MeanGoldenBeChThrp	hua_cell_hsdpa_tab.xlsnxorlui2aidkrb02ofawjhk	INTEGER	ms	This measurement item provides the mean downlink throughput of MAC-d flow of golden BE traffic in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_MeanSilverBeChThroughput_TotalBytes	hua_cell_hsdpa_tab.yearprnupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted	Sum	hucasebh, huctbh

				in MAC-d flow of silver BE traffic		
VS_HSDPA_MeanSilverBeChThroughput	hua_cell_hsdpa_tab.yearprlupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of silver BE traffic	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_MeanSilverBeChThrp	hua_cell_hsdpa_tab.xlsnxotlui2aidkrb02ofawjhk	INTEGER	ms	This measurement item provides the mean downlink throughput of MAC-d flow of silver BE traffic in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_RAB_AttEstab_BE_Copper	hua_cell_hsdpa_tab.yearqaxupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for copper-level users	Sum	hucasebh, huctbh
VS_HSDPA_RAB_AttEstab_BE_Golden	hua_cell_hsdpa_tab.ufjtsww02x2ahsr1b035yijpvo	INTEGER	#	Number of HSDPA RAB Establishment Attempts of BE Service for	Sum	hucasebh, huctbh

				Golden-Level Users		
VS_HSDPA_RAB_AttEstab_BE_Silver	hua_cell_hsdpa_tab.yearqavupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for silver-level users	Sum	hucasebh, huctbh
VS_HSDPA_RAB_AttEstab	hua_cell_hsdpa_tab.v62jyybaeocaks2kptec0uhlfw	INTEGER	#	Number of requests to set up the HSDPA service in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_RAB_Loss_Abnorm_NonRF	hua_cell_hsdpa_tab.ttpldit vbcbk5d6yplbi40yvcv	INTEGER	#	Number of HSDPA Service Abnormal Released due to Different Cause in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_RAB_Loss_InActivity	hua_cell_hsdpa_tab.xp2cl4l6icbnhb12pefd332ctq	INTEGER	#	Number of HSDPA Service Released due to User Inactivity in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_RAB_Loss_Norm	hua_cell_hsdpa_tab.syyk6guhx6cxgu4rqpd6grqaqy	INTEGER	#	Number of HSDPA Service Normal Released in a cell.	Sum	hucasebh, huctbh
VS_HSDPA_RAB_Loss_RF	hua_cell_hsdpa_tab.tctd2mjh42bg1s1lv0w5xirmde	INTEGER	#	Number of HSDPA Service	Sum	hucasebh, huctbh

				Abnormal Released due to Iu/RAB cause : - Radio Connection With UE Lost - Failure in the Radio Interface Procedure.		
VS_HSDPA_RAB_SuccEstab_BE_Copper	hua_cell_hsdpa_tab.yearqb2upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSDPA RAB establishments of be service for copper-level users	Sum	hucasebh, huctbh
VS_HSDPA_RAB_SuccEstab_BE_Golden	hua_cell_hsdpa_tab.ufjtswy02x2ahsr1b035yijpvo	INTEGER	#	Number of Successful HSDPA RAB Establishments of BE Service for Golden-Level Users	Sum	hucasebh, huctbh
VS_HSDPA_RAB_SuccEstab_BE_Silver	hua_cell_hsdpa_tab.yearqb0upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSDPA RAB establishments of be service for silver-level users	Sum	hucasebh, huctbh

VS_HSDPA_RAB_SuccEstab	hua_cell_hsdpa_tab.ycwk3oi1kqbmbuuqhlfinoybcb	INTEGER	#	Number of successful setups of the HSDPA service in each cell.	Sum	hucasebh, huctbh
VS_HSDPA_UE_Mean_Cell	hua_cell_hsdpa_tab.v6gggcf1ydb0uuksurfb5ecnmw	FLOAT	#	This item provides the average number of UEs in CELL_HSDPA state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.30 Cell.Huawei.UMTS.HSUPA_Mobility

High Speed Uplink Packet Access mobility measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_EDCH_SHO_Succ	100 * {HSUPA_EDCH_SHO_Succ}/ {HSUPA_EDCH_SHO_Att}	FLOAT	%	Percentage successful attempts to add or delete the EDCH link in a cell due to the soft handover.	Average	hucasebh, huctbh
_%_EDCHtoFACH_Succ	100 * {HSUPA_EDCHtoFACH_Succ}/ {HSUPA_EDCHtoFACH_Att}	FLOAT	%	Percentage successful attempts to switch the channel type from EDCH to FACH in the same cell of the RNC.	Average	hucasebh, huctbh
_%_FACHtoEDCH_Succ	100 * {HSUPA_FACHtoEDCH_Succ}/ {HSUPA_FACHtoEDCH	FLOAT	%	Percentage successful attempts to switch the	Average	hucasebh, huctbh

	_Att}			channel type from FACH to EDCH in the same cell of the RNC.		
_%_HHO_InterFreq_NoChR_Succ	100 * {HSUPA_HHO_InterFreq_NoChR_Succ}/ {HSUPA_HHO_InterFreq_NoChR_Att}	FLOAT	%	Percentage successful attempts to change the serving cell because the RNC triggers the EDCH-to-EDCH inter-frequency hard handover.	Average	hucasebh, huctbh
_%_HHO_IntraFreq_NoChR_Succ	100 * {HSUPA_HHO_IntraFreq_NoChR_Succ}/ {HSUPA_HHO_IntraFreq_NoChR_Att}	FLOAT	%	Percentage successful attempts to change the serving cell because the RNC triggers the EDCH-to-EDCH intra-frequency hard handover.	Average	hucasebh, huctbh
_%_InterFreq_EDCHtoDCH_Succ	100 * {HSUPA_InterFreq_EDCHtoDCH_Succ}/ {HSUPA_InterFreq_EDCH2DCH_Att}	FLOAT	%	Percentage successful attempts to switch channel type from EDCH to DCH due to the inter-frequency hard handover in a cell.	Average	hucasebh, huctbh

_%_IntraCell_DCHtoEDCH_Succ	100 * {HSUPA_IntraCell_DCHtoEDCH_Succ}/ {HSUPA_IntraCell_DCHtoEDCH_Att}	FLOAT	%	Percentage successful attempts to switch the channel type from DCH to EDCH in the same cell of the RNC.	Average	hucasebh, huctbh
_%_IntraCell_EDCHtoDCH_Succ	100 * {HSUPA_IntraCell_EDCHtoDCH_Succ}/ {HSUPA_IntraCell_EDCHtoDCH_Att}	FLOAT	%	Percentage successful attempts to switch the channel type from EDCH to DCH in the same cell of the RNC.	Average	hucasebh, huctbh
_%_IntraFreq_EDCHtoDCH_Succ	100 * {HSUPA_IntraFreq_EDCHtoDCH_Succ}/ {HSUPA_IntraFreq_EDCHtoDCH_Att}	FLOAT	%	Percentage successful attempts to switch the channel type from EDCH to DCH due to intra-frequency hard handover in a cell.	Average	hucasebh, huctbh
HSUPA_EDCH_SHO_Att	hua_cell_hsupa_mobility_tab.tsxfa6hjeu2ahdhaj035xkcuc6	INTEGER	#	Number of the attempts to add or delete the EDCH links in the cell due to the soft handover.	Sum	hucasebh, huctbh
HSUPA_EDCH_SHO_Succ	hua_cell_hsupa_mobility_tab.tsxfa6jjeu2ahdhaj035xkcuc6	INTEGER	#	Number of the successful attempts to add or delete the EDCH link in a cell due to the soft	Sum	hucasebh, huctbh

				handover.		
HSUPA_EDCHto FACH_Att	hua_cell_hsupa_mobility_ tab.tsxfa5pjeu2ahdhaj035 xkcuc6	INTEG ER	#	Number of attempts to switch the channel type from EDCH to FACH in the same cell of the RNC.	Sum	hucasebh , huctbh
HSUPA_EDCHto FACH_Succ	hua_cell_hsupa_mobility_ tab.tsxfa5rjeu2ahdhaj035x kcuc6	INTEG ER	#	Number of successful attempts to switch the channel type from EDCH to FACH in the same cell of the RNC.	Sum	hucasebh , huctbh
HSUPA_FACHto EDCH_Att	hua_cell_hsupa_mobility_ tab.tsxfa5tjeu2ahdhaj035x kcuc6	INTEG ER	#	Number of attempts to switch the channel type from FACH to EDCH in the same cell of the RNC.	Sum	hucasebh , huctbh
HSUPA_FACHto EDCH_Succ	hua_cell_hsupa_mobility_ tab.tsxfa5vjeu2ahdhaj035 xkcuc6	INTEG ER	#	Number of successful attempts to switch the channel type from FACH to EDCH in the same cell of the RNC.	Sum	hucasebh , huctbh
HSUPA_HHO_In terFreq_NoChR_ Att	hua_cell_hsupa_mobility_ tab.tsxfa6ljeu2ahdhaj035x kcuc6	INTEG ER	#	Number of attempts to change the	Sum	hucasebh , huctbh

				serving cell because the RNC triggers the EDCH-to-EDCH inter-frequency hard handover.		
HSUPA_HHO_InterFreq_NoChR_Succ	hua_cell_hsupa_mobility_tab.tsxfa6njeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to change the serving cell because the RNC triggers the EDCH-to-EDCH inter-frequency hard handover.	Sum	hucasebh, huctbh
HSUPA_HHO_IntraFreq_NoChR_Att	hua_cell_hsupa_mobility_tab.tsxfa6pjeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to change the serving cell because the RNC triggers the EDCH-to-EDCH intra-frequency hard handover.	Sum	hucasebh, huctbh
HSUPA_HHO_IntraFreq_NoChR_Succ	hua_cell_hsupa_mobility_tab.tsxfa6rjeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to change the serving cell because the RNC triggers the EDCH-to-EDCH intra-frequency hard handover.	Sum	hucasebh, huctbh

HSUPA_InterFreq_EDCH2DCH_Att	hua_cell_hsupa_mobility_tab.tsxfa5xjeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to switch the channel type from EDCH to DCH due to the inter-frequency hard handover in a cell.	Sum	hucasebh, huctbh
HSUPA_InterFreq_EDCHtoDCH_Succ	hua_cell_hsupa_mobility_tab.tsxfa60jeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to switch channel type from EDCH to DCH due to the inter-frequency hard handover in a cell.	Sum	hucasebh, huctbh
HSUPA_IntraCell_DCHtoEDCH_Att	hua_cell_hsupa_mobility_tab.tsxfa62jeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to switch the channel type from DCH to EDCH in the same cell of the RNC.	Sum	hucasebh, huctbh
HSUPA_IntraCell_DCHtoEDCH_Succ	hua_cell_hsupa_mobility_tab.tsxfa64jeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to switch the channel type from DCH to EDCH in the same cell of the RNC.	Sum	hucasebh, huctbh
HSUPA_IntraCell	hua_cell_hsupa_mobility_	INTEG	#	Number of	Sum	hucasebh

_EDCHtoDCH_Att	tab.tsxfa66jeu2ahdhaj035xkcuc6	ER		attempts to switch the channel type from EDCH to DCH in the same cell of the RNC.		, huctbh
HSUPA_IntraCell_EDCHtoDCH_Succ	hua_cell_hsupa_mobility_tab.tsxfa6bjeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to switch the channel type from EDCH to DCH in the same cell of the RNC.	Sum	hucasebh, huctbh
HSUPA_IntraFreq_EDCHtoDCH_Att	hua_cell_hsupa_mobility_tab.tsxfa6djeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to switch the channel type from EDCH to DCH due to the intra-frequency hard handover in a cell.	Sum	hucasebh, huctbh
HSUPA_IntraFreq_EDCHtoDCH_Succ	hua_cell_hsupa_mobility_tab.tsxfa6fjeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to switch the channel type from EDCH to DCH due to intra-frequency hard handover in a cell.	Sum	hucasebh, huctbh
VS_HSUPA_HHO_NoChR_AttIur	hua_cell_hsupa_mobility_tab.yearpt0upw2ahrhr0035xvpkr0	INTEGER	#	Number of sent message between RNCs that indicates serving	Sum	hucasebh, huctbh

				HSUPA cell change in HHO		
VS_HSUPA_HHO_NoChR_SuccIur	hua_cell_hsupa_mobility_tab.yearpsxupw2ahrhr0035xvpkr0	INTEGER	#	Number of received message between RNCs that indicates serving HSUPA cell changed in SHO	Sum	hucasebh, huctbh
VS_HSUPA_SHO_ServCellChg_AttIur	hua_cell_hsupa_mobility_tab.yearpstupw2ahrhr0035xvpkr0	INTEGER	#	Number of sent message between RNCs that indicates serving HSUPA cell change in SHO	Sum	hucasebh, huctbh
VS_HSUPA_SHO_ServCellChg_SuccIur	hua_cell_hsupa_mobility_tab.yearpsvupw2ahrhr0035xvpkr0	INTEGER	#	Number of received message between RNCs that indicates serving HSUPA cell changed in SHO	Sum	hucasebh, huctbh

6.5.31 Cell.Huawei.UMTS.HSUPA_Ratio

HSUPA Ratio

KPI Name	Expression	Data Type	Units	Description	Default Aggregat	Other Aggrega

					or	tors
VS_HSUPA_UE_Ratio_Max_CAT1_5	hua_cell_hsupart_tab.xlsny5dlui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSUPA UE with CAT 1~5 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_UE_Ratio_Max_CAT6	hua_cell_hsupart_tab.xlsny5flui2aidkrb02ofawjhk	FLOAT	%	The maximum ratio of HSUPA UE with CAT 6 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_UE_Ratio_Mean_CAT1_5	hua_cell_hsupart_tab.xlsny5hlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSUPA UE with CAT 1~5 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_UE_Ratio_Mean_CAT6	hua_cell_hsupart_tab.xlsny5jlui2aidkrb02ofawjhk	FLOAT	%	The average ratio of HSUPA UE with CAT 6 in a cell within one report period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.32 Cell.Huawei.UMTS.HSUPA_Throughput

HSUPA Throughput

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
HSUPA_CopperBeChThroughput_0	hua_cell_hsupathrpt_tab.xlsny00lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of	Sum	hucasebh, huctbh

				MAC-d Flow of copper BE traffic in 20 seconds is between 0kbps to 32kbps.		
HSUPA_CopperBeChThroughput_10	hua_cell_hsupathrpt_tab.xlsny0nlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 4096kbps to 6144kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_1	hua_cell_hsupathrpt_tab.xlsny02lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 32kbps to 64kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_2	hua_cell_hsupathrpt_tab.xlsny04lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is	Sum	hucasebh, huctbh

				between 64kbps to256kbps.		
HSUPA_CopperBeChThroughput_3	hua_cell_hsupathrpt_tab.xlsny06lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_4	hua_cell_hsupathrpt_tab.xlsny0blui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 512kbps to 768kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_5	hua_cell_hsupathrpt_tab.xlsny0dlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 768kbps to 1024kbps	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_6	hua_cell_hsupathrpt_tab.xlsny0flui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean	Sum	hucasebh, huctbh

				throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 1024kbps to 1536kbps.		
HSUPA_CopperBeChThroughput_7	hua_cell_hsupathrpt_tab.xlsny0hlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 1536kbps to 2048kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_8	hua_cell_hsupathrpt_tab.xlsny0jlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20 seconds is between 2048kbps to 3072kbps.	Sum	hucasebh, huctbh
HSUPA_CopperBeChThroughput_9	hua_cell_hsupathrpt_tab.xlsny0llui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of copper BE traffic in 20	Sum	hucasebh, huctbh

				seconds is between 3072kbps to 4096kbps.		
HSUPA_GoldenBeChThroughput_0	hua_cell_hsupathrpt_tab.xlsnxxnlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 0kbps to 32kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_10	hua_cell_hsupathrpt_tab.xlsnxyblui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 4096kbps to 6144kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_1	hua_cell_hsupathrpt_tab.xlsnxxplui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 32kbps to 64kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_2	hua_cell_hsupathrpt_tab.xlsnxxrlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink	Sum	hucasebh, huctbh

				mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 64kbps to256kbps.		
HSUPA_GoldenBeChThroughput_3	hua_cell_hsupathrpt_tab.xlsnxxtlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_4	hua_cell_hsupathrpt_tab.xlsnxxvlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 512kbps to 768kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_5	hua_cell_hsupathrpt_tab.xlsnxxxlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE	Sum	hucasebh, huctbh

				traffic in 20 seconds is between 768kbps to 1024kbps		
HSUPA_GoldenBeChThroughput_6	hua_cell_hsupathrpt_tab.xlsnxy0lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 1024kbps to 1536kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_7	hua_cell_hsupathrpt_tab.xlsnxy2lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 1536kbps to 2048kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_8	hua_cell_hsupathrpt_tab.xlsnxy4lui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 2048kbps to 3072kbps.	Sum	hucasebh, huctbh
HSUPA_GoldenBeChThroughput_9	hua_cell_hsupathrpt_tab.xlsnxy6lui2aidkrb02ofa	INTEGER	#	The number of times that	Sum	hucasebh, huctbh

	wjhk			the uplink mean throughput of MAC-d Flow of golden BE traffic in 20 seconds is between 3072kbps to 4096kbps.		
HSUPA_SilverBeChThroughput_0	hua_cell_hsupathrpt_tab.xlsnxydlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 0kbps to 32kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_10	hua_cell_hsupathrpt_tab.xlsnxyxlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 4096kbps to 6144kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_1	hua_cell_hsupathrpt_tab.xlsnxyflui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow	Sum	hucasebh, huctbh

				of silver BE traffic in 20 seconds is between 32kbps to 64kbps.		
HSUPA_SilverBeChThroughput_2	hua_cell_hsupathrpt_tab.xlsnxyhlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 64kbps to256kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_3	hua_cell_hsupathrpt_tab.xlsnxyjlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 256kbps to 512kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_4	hua_cell_hsupathrpt_tab.xlsnxyllui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 512kbps to 768kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeC	hua_cell_hsupathrpt_tab.	INTEG	#	The number	Sum	hucasebh

hThroughput_5	xlsnxynlui2aidkrb02ofawjhk	ER		of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 768kbps to 1024kbps		, huctbh
HSUPA_SilverBeChThroughput_6	hua_cell_hsupathrpt_tab.xlsnxyplui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 1024kbps to 1536kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_7	hua_cell_hsupathrpt_tab.xlsnxyrlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 1536kbps to 2048kbps.	Sum	hucasebh, huctbh
HSUPA_SilverBeChThroughput_8	hua_cell_hsupathrpt_tab.xlsnxytlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of	Sum	hucasebh, huctbh

				MAC-d Flow of silver BE traffic in 20 seconds is between 2048kbps to 3072kbps.		
HSUPA_SilverBeChThroughput_9	hua_cell_hsupathrpt_tab.xlsnxyvlui2aidkrb02ofawjhk	INTEGER	#	The number of times that the uplink mean throughput of MAC-d Flow of silver BE traffic in 20 seconds is between 3072kbps to 4096kbps.	Sum	hucasebh, huctbh

6.5.33 Cell.Huawei.UMTS.HSUPA

High Speed Uplink Packet Access data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_HSUPA_RAB_SuccEstab	100 * {HSUPA_RAB_SuccEstab}/ {HSUPA_RAB_AttEstab}	FLOAT	%	Percentage successful attempts to set up the HSUPA RABs in a cell.	Average	hucasebh, huctbh
_%_HSUPA_SHO_ServCellChg_Succ	100 * {HSUPA_SHO_ServCellChg_Succ}/ {HSUPA_SHO_ServCellChg_Att}	FLOAT	%	Percentage successful attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Average	hucasebh, huctbh
HSUPA_MACDFailDelPerCell	hua_cell_hsupa_tab.tsxfaafjeu2ahdhaj035xkcuc6	INTEGER	#	Number of failures to delete EDCH MACD FLOW in a	Sum	hucasebh, huctbh

				cell.		
HSUPA_MACDFailStpPerCell	hua_cell_hsupa_tab.tsxfaahjeu2ahdhaj035xkcuc6	INTEGER	#	Number of failures of the RNC to set up EDCH MACD FLOW in a cell.	Sum	hucasebh, huctbh
HSUPA_MACDSuccDelPerCell	hua_cell_hsupa_tab.tsxfaajjeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to delete EDCH MACD FLOW from a UE in a cell.	Sum	hucasebh, huctbh
HSUPA_MACDSuccStpPerCell	hua_cell_hsupa_tab.tsxfaaljeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts of the RNC to set up the EDCH MACD FLOW in a cell.	Sum	hucasebh, huctbh
HSUPA_MeanChThroughput_Times	hua_cell_hsupa_tab.tsxfaapjeu2ahdhaj035xkcuc6	INTEGER	#	No description.	Sum	hucasebh, huctbh
HSUPA_MeanChThroughput_TotByte	hua_cell_hsupa_tab.tsxfaarjeu2ahdhaj035xkcuc6	INTEGER	#	Number of bytes received by the MAC-d flow in a cell.	Sum	hucasebh, huctbh
HSUPA_MeanChThroughput	hua_cell_hsupa_tab.tsxfaanjeu2ahdhaj035xkcuc6	FLOAT	#	Average UL throughput of MAC-d flow in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSUPA_RAB_AttEstab	hua_cell_hsupa_tab.tsxfaatjeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to set up HSUPA RABs in a cell.	Sum	hucasebh, huctbh
HSUPA_RAB_Loss_Abnorm	hua_cell_hsupa_tab.tsxfaavjeu2ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs abnormally released by the RNC	Sum	hucasebh, huctbh

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				in a cell.		
HSUPA_RAB_Loss_Norm	hua_cell_hsupa_tab.tsxfaaxjeu2ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs normally released by the RNC in a cell.	Sum	hucasebh, huctbh
HSUPA_RAB_Loss_UEGen	hua_cell_hsupa_tab.tsxfab0jeu2ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs released by the RNC for the release of the UE signaling connection.	Sum	hucasebh, huctbh
HSUPA_RAB_SuccEstab	hua_cell_hsupa_tab.tsxfab2jeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to set up the HSUPA RABs in a cell.	Sum	hucasebh, huctbh
HSUPA_SHO_ServCellChg_Att	hua_cell_hsupa_tab.tsxfab4jeu2ahdhaj035xkcuc6	INTEGER	#	Number of attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Sum	hucasebh, huctbh
HSUPA_SHO_ServCellChg_Succ	hua_cell_hsupa_tab.tsxfab6jeu2ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Sum	hucasebh, huctbh
VS_HSUPA_CopperBeMeanChThroughput_TotalBytes	hua_cell_hsupa_tab.yearptfupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of copper BE traffic	Sum	hucasebh, huctbh
VS_HSUPA_CopperBeMeanChThroughput	hua_cell_hsupa_tab.yearptdupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of copper BE traffic	Average	hucasebh, huctbh, Sum, Minimum,

						Maximum
VS_HSUPA_CopperBeMeanChThrpt	hua_cell_hsupa_tab.xlsny5blui2aidkrb02ofawjhk	INTEGER	ms	VS HSUPA CopperBeMeanChThroughput Times	Sum	hucasebh, huctbh
VS_HSUPA_GoldenBeMeanChThroughput_TotalBytes	hua_cell_hsupa_tab.yearpt4upw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of golden BE traffic	Sum	hucasebh, huctbh
VS_HSUPA_GoldenBeMeanChThroughput	hua_cell_hsupa_tab.yearpt2upw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of golden BE traffic	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_GoldenBeMeanChThrpt	hua_cell_hsupa_tab.xlsny54lui2aidkrb02ofawjhk	INTEGER	ms	VS HSUPA GoldenBeMeanChThroughput Times	Sum	hucasebh, huctbh
VS_HSUPA_RAB_AttEstab_BE_Copper	hua_cell_hsupa_tab.yearqbrupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for copper-level users	Sum	hucasebh, huctbh
VS_HSUPA_RAB_AttEstab_BE_Golden	hua_cell_hsupa_tab.yearqbnupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for golden-level users	Sum	hucasebh, huctbh
VS_HSUPA_RAB_AttEstab_BE_Silver	hua_cell_hsupa_tab.yearqbpupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for silver-level users	Sum	hucasebh, huctbh
VS_HSUPA_RAB_	hua_cell_hsupa_tab.ye	INTE	#	Number of	Sum	hucaseb

SuccEstab_BE_Copper	arqbxupw2ahrhr0035xvpkr0	GER		successful HSUPA RAB establishments of be service for copper-level users		h, huctbh
VS_HSUPA_RAB_SuccEstab_BE_Golden	hua_cell_hsupa_tab.yearqbtupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for golden-level users	Sum	hucasebh, huctbh
VS_HSUPA_RAB_SuccEstab_BE_Silver	hua_cell_hsupa_tab.yearqbvupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for silver-level users	Sum	hucasebh, huctbh
VS_HSUPA_SilverBeMeanChThroughput_TotalBytes	hua_cell_hsupa_tab.yearptbupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of silver BE traffic	Sum	hucasebh, huctbh
VS_HSUPA_SilverBeMeanChThroughput	hua_cell_hsupa_tab.yearpt6upw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of silver BE traffic	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSUPA_SilverBeMeanChThrpt	hua_cell_hsupa_tab.xlsny56lui2aidkrb02ofawjhk	INTEGER	ms	VS HSUPA SilverBeMeanChThroughput Times	Sum	hucasebh, huctbh
VS_HSUPA_UE_Mean_Cell	hua_cell_hsupa_tab.tsxfabfjeu2ahdhaj035xkcuc6	FLOAT	#	Average number of UEs in CELL_HSUPA state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.34 Cell.Huawei.UMTS.InterRAT_HO_Incoming_CS

InterRAT Incoming Handover CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_IRATHO_SuccIncCS	100 * {IRATHO_SuccIncCS}/ {IRATHO_AttIncCS}	FLOAT	%	Percentage successful CS domain incoming inter-RAT handovers.	Average	hucasebh, huctbh
IRATHO_AttIncCS	hua_cell_inter_hoinccs_tab.rlhb0nhi3wbpddmloyq0qldqv4	INTEGER	#	Number of preparations for CS domain incoming inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_AttOutCS	hua_cell_inter_hoinccs_tab.wytqdhddmkbh1s665ap2shy1y6	INTEGER	#	Number of attempts at CS domain outgoing inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_FailIncCS_HiTrafLod	hua_cell_inter_hoinccs_tab.ub2wglhiyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Preparations for CS Domain Incoming Inter-RAT Handovers for Different Causes (Cell)	Sum	hucasebh, huctbh
IRATHO_FailIncCS_ResUnavail	hua_cell_inter_hoinccs_tab.uqj0oc24t1c2bdh2cje21btcf6	INTEGER	#	Numbers of unsuccessful preparations for CS domain incoming	Sum	hucasebh, huctbh

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				inter-RAT handovers due to different causes,No resource available		
IRATHO_FailIncCS_TRNCSysFailReloc	hua_cell_inter_hoinccs_tab.twsyohrf0ecttrnokcaylc5ix4	INTEGER	#	Numbers of unsuccessful preparations for CS domain incoming inter-RAT handovers due to different causes,Relocation failure in target CN/RNC or target system	Sum	hucasebh, huctbh
IRATHO_FailIncCS_TRNCSysRelocUnsupp	hua_cell_inter_hoinccs_tab.y63cgdokiqbu5c5rp1oku3223j	INTEGER	#	Numbers of unsuccessful preparations for CS domain incoming inter-RAT handovers due to different causes,Relocation not supported in target RNC or target system	Sum	hucasebh, huctbh
IRATHO_SuccIncCS	hua_cell_inter_hoinccs_tab.vdtvyqn3dibljt3oor5vxxudl3	INTEGER	#	Number of successful CS domain incoming inter-RAT handovers.	Sum	hucasebh, huctbh

VS_IRATHO_FailIncCS_NRply	hua_cell_inter_hoinccs_tab.wi3tym26e5c1atyjnbf6b1rq3s	INTEGER	#	Number of unsuccessful CS domain incoming inter-RAT handovers due to No response.	Sum	hucasebh, huctbh
VS_IRATHO_PrepSuccCSIn	hua_cell_inter_hoinccs_tab.x3n4035c1vbuury3lad3gyspa0	INTEGER	#	Number of successful preparations for CS domain incoming inter-RAT handovers.	Sum	hucasebh, huctbh
VS_IRATHO_Service_SuccOutCS	hua_cell_inter_hoinccs_tab.xdbpuw6ahk26sdgmb00hw05bpa	INTEGER	#	No description	Sum	hucasebh, huctbh

6.5.35 Cell.Huawei.UMTS.InterRAT_HO_Incoming_PS

Incoming InterRAT Handover packet switched

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IRATHO_Reloc_AttPrepInPS	hua_interrathoincps_tab.yearpqdupw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to prepare for incoming enhanced Inter-RAT PS handovers	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailInPS_NRply	hua_interrathoincps_tab.yearpqrupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful incoming enhanced Inter-RAT PS	Sum	hucasebh, huctbh

				handovers due to no response from the UE		
VS_IRATHO_Reloc_FailPrepInPS_ReloNoSup	hua_interrathoincps_tab.yearpqlupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for incoming enhanced Inter-RAT PS handovers for different causes (relocation not supported in target RNC or target system)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepInPS_ResUnavail	hua_interrathoincps_tab.yearpqnupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for incoming enhanced Inter-RAT PS handovers for different causes (no resource available)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepInPS_TgtFail	hua_interrathoincps_tab.yearpqjupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for incoming enhanced Inter-RAT PS handovers for different causes (relocation failure in target CN/RNC or target system)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepInPS_TLoadHigher	hua_interrathoincps_tab.yearpqpupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for incoming enhanced Inter-RAT PS	Sum	hucasebh, huctbh

				handovers for different causes (traffic load in the target cell higher than in the source cell)		
VS_IRATHO_Reloc_SuccInPS	hua_interrathoincps_tab.yearpqhupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful incoming enhanced Inter-RAT PS handovers	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_SuccPrepInPS	hua_interrathoincps_tab.yearpqfupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful preparations for incoming enhanced Inter-RAT PS handovers	Sum	hucasebh, huctbh

6.5.36 Cell.Huawei.UMTS.InterRAT_HO_Outgoing_CS

InterRAT Outgoing Handover CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IRATHO_AttRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.u2bhf1q20xc5nt04bjhrqjxjri	INTEGER	#	Number of preparations for CS domain outgoing inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_FailOutCS_CfgUnsupp	hua_cell_inter_hooutgcs_tab.vnvorqyd46b54ryjkdmclshhth	INTEGER	#	Numbers of unsuccessful CS domain outgoing inter-RAT handovers due	Sum	hucasebh, huctbh

				to different causes,Configuration Unsupported		
IRATHO_FailOutCS_PhyChFail	hua_cell_inter_hooutgcs_tab.w1e5g2mjs5c2jbrb6tk36vwvax	INTEGER	#	Numbers of unsuccessful CS domain outgoing inter-RAT handovers due to different causes,Physical Channel Failure	Sum	hucasebh, huctbh
IRATHO_FailRelocPrepOutCS_NoResAvail	hua_cell_inter_hooutgcs_tab.yearppbupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for CS domain Inter-RAT outgoing handovers for different causes (no resource available)	Sum	hucasebh, huctbh
IRATHO_FailRelocPrepOutCS_ReloNoSup	hua_cell_inter_hooutgcs_tab.s0f2fjkg4ebjos40o0fw1hc132	INTEGER	#	Numbers of unsuccessful preparations for CS domain outgoing inter-RAT handovers due to different causes,Relocation not supported in Target RNC or Target system	Sum	hucasebh, huctbh
IRATHO_FailRelocPrepOutCS_TAlExp	hua_cell_inter_hooutgcs_tab.s0o55k30q0ctld52maps4wisu4	INTEGER	#	Numbers of unsuccessful preparations for CS domain	Sum	hucasebh, huctbh

				outgoing inter-RAT handovers due to different causes,TRELOCalloc expiry		
IRATHO_FailRelocPrepOutCS_TgtFail	hua_cell_inter_hooutgcs_tab.tduksuq4rpb61dd1fcr5c6nxt5	INTEGER	#	Numbers of unsuccessful preparations for CS domain outgoing inter-RAT handovers due to different causes,Relocation Failure in Target CN/RNC or Target System	Sum	hucasebh, huctbh
IRATHO_FailRelocPrepOutCS_UKnowRNC	hua_cell_inter_hooutgcs_tab.yearppdupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for CS domain Inter-RAT outgoing handovers for different causes (unknown target RNC)	Sum	hucasebh, huctbh
IRATHO_FailRelPrOCS_HiTrafLod	hua_cell_inter_hooutgcs_tab.ub2wgljiyy2ahdha0035xkcuc6	INTEGER	#	Number of Unsuccessful Preparations for CS Domain Inter-RAT Outgoing Handovers for Different	Sum	hucasebh, huctbh

				Causes (Cell)		
IRATHO_SuccOutCS	hua_cell_inter_hooutgcs_tab.ubp5daim3pcm2e2qvtsywfksof	INTEGER	#	Number of successful CS domain outgoing inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_SuccRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.ygcte1agtgbg5s2aekd1vmpjhh	INTEGER	#	Number of successful preparations for CS domain outgoing inter-RAT handovers.	Sum	hucasebh, huctbh
VS_IRATHO_CS_MBDR_RelocAttOut	hua_cell_inter_hooutgcs_tab.xlsnxo6lui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of CS VOICE Domain Inter-RAT Outgoing Handover From UTRAN Attempt due to Inter-RAT Measurement.	Sum	hucasebh, huctbh
VS_IRATHO_CS_MBDR_RelocSuccOut	hua_cell_inter_hooutgcs_tab.xlsnxoblui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of CS VOICE Domain Inter-RAT Outgoing Handover From UTRAN Success due to Inter-RAT Measurement.	Sum	hucasebh, huctbh
VS_IRATHO_CS	hua_cell_inter_hooutgcs_t	INTEG	#	The number of	Sum	hucasebh

_Out_TrigEcIo	ab.xlsnxo0lui2aidkrb02ofawjhk	ER		handover trigged by EcN0 in the CS domain.		, huctbh
VS_IRATHO_CS_Out_TrigRscp	hua_cell_inter_hooutgcs_tab.xlsnxnxlui2aidkrb02ofawjhk	INTEGER	#	The number of handover trigged by RSCP in the CS domain.	Sum	hucasebh, huctbh
VS_IRATHO_CS AMR_ReqRelocOut	hua_cell_inter_hooutgcs_tab.tti2jsw0u3c6tdy1w1iby2w1c6	INTEGER	#	Obsolete in release Vn00R010. Number of preparations for CS domain outgoing inter-RAT handovers for AMR service.	Sum	hucasebh, huctbh
VS_IRATHO_CS AMR_SuccRelocOut	hua_cell_inter_hooutgcs_tab.wfhme2ufu3c5ttqvnyebfhxrje	INTEGER	#	Obsolete in release Vn00R010. Number of successful CS domain outgoing inter-RAT handovers for AMR service.	Sum	hucasebh, huctbh
VS_IRATHO_FailOutCS_Nrply	hua_cell_inter_hooutgcs_tab.yearppfupw2ahrhr0035xvpkr0	INTEGER	#	Number of timeouts of waiting for Iu RELEASE COMMAND messages during outgoing Inter-RAT CS handovers	Sum	hucasebh, huctbh

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VS_IRATHO_Load_AttRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.tsk4qssyytbwrenqvdwu1mrfag	INTEGER	#	Number of preparations for CS domain outgoing inter-RAT handovers for AMR service.	Sum	hucasebh, huctbh
VS_IRATHO_Load_SuccOutCS	hua_cell_inter_hooutgcs_tab.vd2iwjb1nuc2yc00e6hvldjh10	INTEGER	#	Numbers of successful CS domain outgoing inter-RAT handovers due to different causes,Relocation desirable for radio reasons	Sum	hucasebh, huctbh
VS_IRATHO_Load_SuccRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.utbu50o0t2c0ptvy33plinmeie	INTEGER	#	Numbers of successful preparations for CS domain outgoing inter-RAT handovers due to different causes,Resource optimization relocation or Reduce load in serving cell	Sum	hucasebh, huctbh
VS_IRATHO_Out_RelocPrep_SigOnly_Att	hua_cell_inter_hooutgcs_tab.yearpp0upw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to prepare for outgoing Inter-RAT CS handovers with signalling only	Sum	hucasebh, huctbh
VS_IRATHO_Out_RelocPrep_SigOnly_Succ	hua_cell_inter_hooutgcs_tab.yearpp2upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful preparations	Sum	hucasebh, huctbh

				for outgoing Inter-RAT CS handovers with signalling only		
VS_IRATHO_Out_SigOnly_Att	hua_cell_inter_hooutgcs_tab.yearpp4upw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to perform outgoing Inter-RAT CS handovers with signalling only	Sum	hucasebh, huctbh
VS_IRATHO_Out_SigOnly_Succ	hua_cell_inter_hooutgcs_tab.yearpp6upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful outgoing Inter-RAT CS handovers with signalling only	Sum	hucasebh, huctbh
VS_IRATHO_OutCS_MeasTimeOut	hua_cell_inter_hooutgcs_tab.xlsnxntlui2aidkrb02ofawjhk	INTEGER	#	The number of inter-RAT measurement expiry in the CS domain.	Sum	hucasebh, huctbh
VS_IRATHO_OutPS_MeasTimeOut	hua_cell_inter_hooutgcs_tab.xlsnxnvlui2aidkrb02ofawjhk	INTEGER	#	The number of inter-RAT measurement expiry in the PS domain.	Sum	hucasebh, huctbh
VS_IRATHO_PS_Out_TrigEcIo	hua_cell_inter_hooutgcs_tab.xlsnxo4lui2aidkrb02ofawjhk	INTEGER	#	The number of handover trigged by EcN0 in the PS domain.	Sum	hucasebh, huctbh
VS_IRATHO_PS_Out_TrigRscp	hua_cell_inter_hooutgcs_tab.xlsnxo2lui2aidkrb02ofawjhk	INTEGER	#	The number of handover trigged by	Sum	hucasebh, huctbh

				RSCP in the PS domain.		
VS_IRATHO_ReqRelocOutCS_DR	hua_cell_inter_hooutgcs_tab.y4ufbngahjcpydn2r3qtohlark	INTEGER	#	Number of preparations for CS domain outgoing inter-RAT handovers for AMR service.	Sum	hucasebh, huctbh
VS_IRATHO_RF_AttRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.y1soot50hecvaspwtssogpp22d	INTEGER	#	Numbers of preparations for CS domain outgoing inter-RAT handovers due to different causes,	Sum	hucasebh, huctbh
VS_IRATHO_RF_SuccOutCS	hua_cell_inter_hooutgcs_tab.ywacd2ifgpb1grw4medhjfngde	INTEGER	#	Numbers of successful CS domain outgoing inter-RAT handovers due to different causes,Relocation desirable for radio reasons	Sum	hucasebh, huctbh
VS_IRATHO_RF_SuccRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.rd5mi5rnqob1ac5pbdcsr1jx2j	INTEGER	#	Numbers of successful preparations for CS domain outgoing inter-RAT handovers due to different causes,Relocation desirable for radio reasons	Sum	hucasebh, huctbh
VS_IRATHO_Service_AttRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.ufv5uxu4q5cw1c5k13u3xojkw1	INTEGER	#	Number of CS Inter-RAT Outgoing	Sum	hucasebh, huctbh

				Handover Attempts Based on Services in Serving Cell for Cell		
VS_IRATHO_Service_SuccRelocPrepOutCS	hua_cell_inter_hooutgcs_tab.th2s4e5vbpcsnukm1pt40kw3ew	INTEGER	#	No description available.	Sum	hucasebh, huctbh
VS_IRATHO_SuccOutCs_DR	hua_cell_inter_hooutgcs_tab.rkn4b5pr43ck0b15vmkaf1bll0	INTEGER	#	Numbers of successful CS domain outgoing inter-RAT handovers due to different causes,	Sum	hucasebh, huctbh
VS_IRATHO_SucRelocOutCS_DR	hua_cell_inter_hooutgcs_tab.w1sso4qfhcbebeskfnbtl5cl2u	INTEGER	#	Numbers of successful preparations for CS domain outgoing inter-RAT handovers due to different causes,Directed retry	Sum	hucasebh, huctbh

6.5.37 Cell.Huawei.UMTS.InterRAT_HO_Outgoing_PS

Outgoing InterRAT Handover Packet switched

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IRATHO_CCO_FailOutPSUTRAN_Nrply	hua_interrathooutps_tab.yearpphupw2ahrhr0035xvpkr0	INTEGER	#	Number of timeouts of waiting for Iu RELEASE	Sum	hucasebh, huctbh

				COMMAND messages during outgoing Inter-RAT PS handovers initiated by the RNC		
VS_IRATHO_Reloc_AttOutPSUTRAN	hua_interrathooutps_tab.yearppnupw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to implement outgoing enhanced Inter-RAT PS handovers initiated by the RNC	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_AttPrepOutPS	hua_interrathooutps_tab.yearppjupw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts to prepare for outgoing enhanced Inter-RAT PS handovers initiated by the RNC	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailOutPSUTRAN_CfgUnsupp	hua_interrathooutps_tab.yearpq4upw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful outgoing enhanced Inter-RAT PS handovers for different causes (configuration unsupported)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailOutPSUTRAN_NRply	hua_interrathooutps_tab.yearpqbupw2ahrhr0035xvpkr0	INTEGER	#	Number of timeouts of waiting for Iu RELEASE COMMAND messages during outgoing	Sum	hucasebh, huctbh

				enhanced Inter-RAT PS handovers		
VS_IRATHO_Reloc_FailOutPSUTRAN_PhyChFail	hua_interrathooutps_tab.yearpq6upw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful outgoing enhanced Inter-RAT PS handovers for different causes (physical channel failure)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepOutPS_NoResAvail	hua_interrathooutps_tab.yearpq0upw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-RAT PS handovers for different causes (no resource available)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepOutPS_ReloNoSup	hua_interrathooutps_tab.yearppvupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-RAT PS handovers for different causes (relocation not supported in target RNC or target system)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepOutPS_TAlExp	hua_interrathooutps_tab.yearpprupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-	Sum	hucasebh, huctbh

				RAT PS handovers for different causes (TRELOCalloc expiry)		
VS_IRATHO_Reloc_FailPrepOutPS_TgtFail	hua_interrathooutps_tab.yearpptupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-RAT PS handovers for different causes (relocation failure in target CN/RNC or target system)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepOutPS_TLoadHigher	hua_interrathooutps_tab.yearppxupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-RAT PS handovers for different causes (traffic load in the target cell higher than in the source cell)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_FailPrepOutPS_UKnowRNC	hua_interrathooutps_tab.yearpq2upw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessful preparations for outgoing enhanced Inter-RAT PS handovers for different causes (unknown target RNC)	Sum	hucasebh, huctbh
VS_IRATHO_Reloc_SuccOutPSUTRAN	hua_interrathooutps_tab.yearpppupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful outgoing enhanced Inter-	Sum	hucasebh, huctbh

				RAT PS handovers initiated by the RNC		
VS_IRATHO_Reloc_SuccPrepOutPS	hua_interrathooutps_tab.yearpplupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful preparations for outgoing enhanced Inter-RAT PS handovers initiated by the RNC	Sum	hucasebh, huctbh

6.5.38 Cell.Huawei.UMTS.InterRAT_HO_PS

InterRAT Handover PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_HSUPA_IRATHO_SuccOutPSUTRAN	100 * {HSUPA_IRATHO_SuccOutPSUTRAN}/ {HSUPA_IRATHO_AttOutPSUTRAN}	FLOAT	%	Percentage successful RNC-Originated PS Domain Outgoing Inter-RAT Handovers for HSUPA services(Cell)	Average	hucasebh, huctbh
_%_IRATHO_HSDPA_SuccOutPSUTRAN	100 * {VS_IRATHO_HSDPA_SuccOutPSUTRAN}/ {VS_IRATHO_HSDPA_AttOutPSUTRAN}	FLOAT	%	Percentage successful RNC-Originated PS Domain Outgoing Inter-RAT Handovers for	Average	hucasebh, huctbh

				HSDPA services(Cell)		
_%_IRATHO_Srvc_SuccOutPSUTRAN	100 * {VS_IRATHO_Service_SuccOutPSUTRAN}/ {VS_IRATHO_Service_AttOutPSUTRAN}	FLOAT	%	Percentage of successful preparations for PS domain outgoing inter-RAT handovers due to service (cell)	Average	hucasebh, huctbh
_%_IRATHO_SuccOutPSUE	100 * {IRATHO_SuccOutPSUE}/ {VS_IRATHO_AttOutPSUE}	FLOAT	%	Percentage successful UE-originated PS domain incoming inter-RAT handovers.	Average	hucasebh, huctbh
_%_IRATHO_SuccOutPSUTRAN	100 * {IRATHO_SuccOutPSUTRAN}/ {IRATHO_AttOutPSUTRAN}	FLOAT	%	Percentage successful PS domain outgoing inter-RAT handovers originated by RNC	Average	hucasebh, huctbh
_%_VS_IRATHO_Load_SuccOutPSUTRAN	100 * {VS_IRATHO_Load_SuccOutPSUTRAN}/ {VS_IRATHO_Load_AttOutPSUTRAN}	FLOAT	%	Percentage successful PS domain outgoing inter-RAT handovers due to different causes,Number of Successful PS Domain Outgoing Inter-RAT Handovers due to Load (Cell)	Average	hucasebh, huctbh
_%_VS_IRATHO	100 * {VS_IRATHO_RF_SuccO	FLOAT	%	Percentage successful PS	Average	hucasebh, huctbh

_RF_SuccOutPSUTRAN	utPSUTRAN}/ {VS_IRATHO_RF_AttOutPSUTRAN}			domain outgoing inter-RAT handovers due to different causes, Number of Successful PS Domain Outgoing Inter-RAT Handovers due to RF (Cell)		
HSUPA_IRATHO_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.ub2wgw0iyy2ahdha0035xkcuc6	INTEGER	#	Number of attempts at PS domain outgoing inter-RAT handovers for HSUPA services.	Sum	hucasebh, huctbh
HSUPA_IRATHO_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.ub2wgw2iyy2ahdha0035xkcuc6	INTEGER	#	Number of successful RNC-Originated PS Domain Outgoing Inter-RAT Handovers for HSUPA services(Cell)	Sum	hucasebh, huctbh
IRATHO_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.v5pp6gntgkb0bb5q3d5uoeu0ei	INTEGER	#	Number of attempts at PS domain outgoing inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_FailOu	hua_cell_interrat_ho_ps_ta	INTEG	#	Numbers of	Sum	hucasebh

tPSUTRAN_CfgUnsupp	b.rajp5r3kmxcthd2op2mhot00bv	ER		unsuccessful PS domain outgoing inter-RAT handovers due to different causes,Configuration unacceptable		, huctbh
IRATHO_FailOutPSUTRAN_PhyChFail	hua_cell_interrat_ho_ps_tab.xtfdsj45tvbd1bjuqttl2kyju0	INTEGER	#	Numbers of unsuccessful PS domain outgoing inter-RAT handovers due to different causes,Physical Channel Failure	Sum	hucasebh, huctbh
IRATHO_SuccOutPSUE	hua_cell_interrat_ho_ps_tab.rg5qhytcl1cbddqy2v4h13fag0	INTEGER	#	Number of successful UE-originated PS domain incoming inter-RAT handovers.	Sum	hucasebh, huctbh
IRATHO_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.twcvc2yjuyck5djre0h1rpqtgv	INTEGER	#	Number of successful PS domain outgoing inter-RAT handovers originated by RNC	Sum	hucasebh, huctbh
VS_IRATHO_AttOutPSUE	hua_cell_interrat_ho_ps_tab.rfht5hoqjacuddxomvn3wwt6wo	INTEGER	#	Number of UE-originated PS domain outgoing inter-RAT handover requests. If the UE is in CELL_FACH, CELL_PCH,	Sum	hucasebh, huctbh

				or URA_PCH state after setting up PS service in the WCDMA system, it can reselect a GPRS network according to cell reselection rule. After reselection, the UE need to re-establish the PS service. During this procedure, the 2.5G SGSN queries the context of PS RAB that is set up by the UE in the WCDMA system, by an SRNS CONTEXT REQUEST procedure.		
VS_IRATHO_HSDPA_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.xdgkf1s51tbogtqwaghow4a1wl	INTEGER	#	No description available.	Sum	hucasebh, huctbh
VS_IRATHO_HSDPA_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.xweslw6rw3cdirh26tdiwag05r	INTEGER	#	No description available.	Sum	hucasebh, huctbh
VS_IRATHO_Load_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.s1utanuftrc31cag13gebut6ml	INTEGER	#	Numbers of preparations for PS domain	Sum	hucasebh, huctbh

				outgoing inter-RAT handovers due to different causes,Number of Preparations for PS Domain Outgoing Inter-RAT Handovers due to Load (Cell)		
VS_IRATHO_Load_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.xsh31wb1pubg5dba4lcdsil2su	INTEGER	#	Numbers of successful PS domain outgoing inter-RAT handovers due to different causes,Number of Successful PS Domain Outgoing Inter-RAT Handovers due to Load (Cell)	Sum	hucasebh, huctbh
VS_IRATHO_RF_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.w05k0kyvm3ckerwydc1jlk2r2f	INTEGER	#	Numbers of preparations for PS domain outgoing inter-RAT handovers due to different causes,Number of Preparations for PS Domain Outgoing Inter-RAT Handovers due to RF	Sum	hucasebh, huctbh

				(Cell)		
VS_IRATHO_RF_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.tr6galgo3nbxststh3ojwq0jxy	INTEGER	#	Numbers of successful PS domain outgoing inter-RAT handovers due to different causes, Number of Successful PS Domain Outgoing Inter-RAT Handovers due to RF (Cell)	Sum	hucasebh, huctbh
VS_IRATHO_Service_AttOutPSUTRAN	hua_cell_interrat_ho_ps_tab.xddf26xahk26sdgmb00hw05bpa	INTEGER	#	No description available.	Sum	hucasebh, huctbh
VS_IRATHO_Service_SuccOutPSUTRAN	hua_cell_interrat_ho_ps_tab.xdeywqdahk26sdgmb00hw05bpa	INTEGER	#	No description available.	Sum	hucasebh, huctbh

6.5.39 Cell.Huawei.UMTS.Load_Congestion_Control_LDR

Load Congestion Control during DLR state

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LCC_LDR_HSUPA_InterFreq	hua_congestcontrolldr_tab.yearpw0upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA users during inter-frequency load handover in LDR state	Sum	hucasebh, huctbh
VS_LCC_LDR	hua_congestcontrolldr_tab	INTEG	#	Number of	Sum	hucasebh

_HSUPA_InterRATPS	.yearpw2upw2ahrhr0035xvpkr0	ER		HSUPA users during Inter-RAT handover in LDR state		, huctbh
VS_LCC_LDR_Num_DLCE	hua_congestcontrolldr_tab.yearpvtupw2ahrhr0035xvpkr0	INTEGER	#	Number of times LDR state due to DL channel element resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Num_DLCode	hua_congestcontrolldr_tab.yearpvpupw2ahrhr0035xvpkr0	INTEGER	#	Number of times LDR state due to downlink code resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Num_DLIub	hua_congestcontrolldr_tab.yearpvxupw2ahrhr0035xvpkr0	INTEGER	#	Number of times LDR state due to DL Iub transmission resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Num_DLPower	hua_congestcontrolldr_tab.yearpvnupw2ahrhr0035xvpkr0	INTEGER	#	Number of times a cell is in LDR state due to DL power (equivalent Number of users) congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Num_ULCE	hua_congestcontrolldr_tab.yearpvrupw2ahrhr0035xvpkr0	INTEGER	#	Number of times LDR state due to UL channel element resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Num_ULIub	hua_congestcontrolldr_tab.yearpvvupw2ahrhr0035xv	INTEGER	#	Number of times LDR	Sum	hucasebh, huctbh

	pkr0			state due to UL Iub transmission resource congestion		
VS_LCC_LDR_Num_ULPower	hua_congestcontrolldr_tab.yearpvlupw2ahrhr0035xvpkr0	INTEGER	#	Number of times a cell is in LDR state due to UL power (equivalent Number of users) congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_DLCE	hua_congestcontrolldr_tab.yearpvfupw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to DL channel element resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_DLCode	hua_congestcontrolldr_tab.yearpvbupw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to downlink code resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_DLIub	hua_congestcontrolldr_tab.yearpvjupw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to DL Iub transmission resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_DLPower	hua_congestcontrolldr_tab.yearpv6upw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to DL power (equivalent Number of users) congestion	Sum	hucasebh, huctbh

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VS_LCC_LDR_Time_ULCE	hua_congestcontrolldr_tab.yearpvdupw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to UL channel element resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_ULIub	hua_congestcontrolldr_tab.yearpvhupw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to UL Iub transmission resource congestion	Sum	hucasebh, huctbh
VS_LCC_LDR_Time_ULPower	hua_congestcontrolldr_tab.yearpv4upw2ahrhr0035xvpkr0	FLOAT	seconds	Duration in LDR state due to UL power (equivalent Number of users) congestion	Sum	hucasebh, huctbh

6.5.40 Cell.Huawei.UMTS.Load_Congestion_Control_OLC

Load Congestion Control during OLC

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LCC_OLC_DL_FastBE	hua_congestcontrololc_tab.yearpwdupw2ahrhr0035xvpkr0	INTEGER	#	Number of UEs for be service TF control in overload congestion	Sum	hucasebh, huctbh
VS_LCC_OLC_DL_UserRel	hua_congestcontrololc_tab.yearpwfupw2ahrhr0035xvpkr0	INTEGER	#	Number of UEs released due to overload congestion	Sum	hucasebh, huctbh
VS_LCC_OLC_HSUPA_UserRel	hua_congestcontrololc_tab.yearpwbupw2ahrhr0035xvpkr0	INTEGER	#	Number of UEs released due to overload congestion	Sum	hucasebh, huctbh
VS_LCC_OLC_TCC	hua_congestcontrololc_tab.yearpv2upw2ahrhr0035xv	INTEGER	#	Number of UEs for be service	Sum	hucasebh, huctbh

	pkr0			transfer common channel in overload congestion		
VS_LCC_OLC_UL_FastBE	hua_congestcontrololc_tab.yearpw4upw2ahrhr0035xvpkr0	INTEGER	#	Number of UEs for be service TF control in overload congestion	Sum	hucasebh, huctbh
VS_LCC_OLC_UL_UserRel	hua_congestcontrololc_tab.yearpw6upw2ahrhr0035xvpkr0	INTEGER	#	Number of UEs released due to overload congestion	Sum	hucasebh, huctbh

6.5.41 Cell.Huawei.UMTS.Load_Congestion_Control

Load Congestion Control data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSDPA_LDR_InterFreq	hua_cell_loadcongctrl_tab.wkc33f0boibubshydylpujjqwc	INTEGER	#	When a cell is in basic congestion, the RNC shall select some Hsdpa UEs for inter-frequency handover. This item describes statistic number of the Hsdpa UEs performing such handover.	Sum	hucasebh, huctbh
VS_HSDPA_LDR_InterRATPS	hua_cell_loadcongctrl_tab.rbxtfdewijbwcslojwlivxic3g	INTEGER	#	When a cell is in basic congestion, the RNC shall select some Hsdpa UEs for PS	Sum	hucasebh, huctbh

				domain inter-RAT handover. This item describes statistic number of the Hsdpa UEs performing such handover.		
VS_HSDPA_OLC_UserRel	hua_cell_loadcongctrl_tab.x5griet0eabsksggv3gjrudv1x	INTEGER	#	When a cell is in overload congestion, the RNC shall select some Hsdpa UEs to release if failing to release the cell from overload congestion by BE service TF control. This item describes statistic number of the Hsdpa UEs released due to overload congestion.	Sum	hucasebh, huctbh
VS_LCC_BasicCongNumDL	hua_cell_loadcongctrl_tab.xvvp2d02nscgfttvssaxdobppg	INTEGER	#	Obsolete in release Vn00R010. The measurement is triggered when the RNC receives a COMMON MEASUREMENT REPORT from the NodeB and detects there is DL basic congestion in the cell.	Sum	hucasebh, huctbh
VS_LCC_BasicCongNumUL	hua_cell_loadcongctrl_tab.vm0esqqqn2ct3tjpahjdiv6etr	INTEGER	#	Obsolete in release Vn00R010. The measurement is triggered when	Sum	hucasebh, huctbh

				the RNC receives a COMMON MEASUREMENT REPORT from the NodeB and detects there is UL basic congestion in the cell.		
VS_LCC_BasicCongTimDL	hua_cell_loadcongctrl_tab.tm4i2tfb5obo3tg35jimkbq5bi	INTEGER	seconds	Obsolete in release Vn00R010. After the cell is set up, the RNC sums the durations of DL basic congestions in the measurement period.	Sum	hucasebh, huctbh
VS_LCC_BasicCongTimUL	hua_cell_loadcongctrl_tab.xf2gb0ofbjcmxelndwt4dl45vt	INTEGER	seconds	Obsolete in release Vn00R010. After the cell is set up, the RNC sums the durations of UL basic congestions in the measurement period.	Sum	hucasebh, huctbh
VS_LCC_HSDPA_CodeAdj_Succ	hua_cell_loadcongctrl_tab.xlsnxprlui2aidkrb02ofawjhk	INTEGER	#	In order to get more available HSDPA code, the RNC shall select some UEs for code adjustment. This measurement item provides the number of UEs that Successful perform the	Sum	hucasebh, huctbh

				adjustment.		
VS_LCC_HSDPA_CodeAdj	hua_cell_loadcongctrl_tab.xlsnxqdlui2aidkrb02ofawjhk	INTEGER	#	In order to get more available HSDPA code, the RNC shall select some UEs for code adjustment. This measurement item provides the number of UEs that perform the adjustment.	Sum	hucasebh, huctbh
VS_LCC_LDR_AmrDL	hua_cell_loadcongctrl_tab.t0uf2l3irpcg4e6m6prfioabsk	INTEGER	#	Obsolete from UTRAN/V900R011:When a cell is in basic congestion, the RNC shall select some UEs for Amr Rate Reduction. Number of the UEs performing such reduction.	Sum	hucasebh, huctbh
VS_LCC_LDR_AMRRateDL	hua_cell_loadcongctrl_tab.w0u64n4k4w2ahdhb0035xkcuc6	INTEGER	#	Number of UEs Performing AMR Rate Decreasing in DL Basic Congestion for Cell	Sum	hucasebh, huctbh
VS_LCC_LDR_AMRRateUL	hua_cell_loadcongctrl_tab.w0u64n2k4w2ahdhb0035xkcuc6	INTEGER	#	Number of UEs Performing AMR Rate Decreasing in UL Basic Congestion for Cell	Sum	hucasebh, huctbh
VS_LCC_LDR_AmrUL	hua_cell_loadcongctrl_tab.uqboa1wmwaclyeflmkwwc5pgjf	INTEGER	#	Obsolete from UTRAN/V900R011:When a cell is in basic congestion, the RNC shall select some UEs for	Sum	hucasebh, huctbh

				Amr Rate Reduction. Number of the UEs performing such reduction.		
VS_LCC_LDR_BERateDL	hua_cell_loadcongctrl_tab.v2ni5uoke1cb5t5e2hdx44ivrw	INTEGER	#	When the cell is in basic congestion, the RNC shall select some UEs for BE service downsizing by RADIO BEARER RECONFIGURATION. Numbers of the UEs performing such BE service downsizing in DL direction.	Sum	hucasebh, huctbh
VS_LCC_LDR_BERateUL	hua_cell_loadcongctrl_tab.yuqgrb4kmvboqsrujakpcuwhnf	INTEGER	#	When the cell is in basic congestion, the RNC shall select some UEs for BE service downsizing by RADIO BEARER RECONFIGURATION. Numbers of the UEs performing such BE service downsizing in UL direction.	Sum	hucasebh, huctbh
VS_LCC_LDR_CodeAdj_Succ	hua_cell_loadcongctrl_tab.xlsnxpplui2aidkrb02ofawjhk	INTEGER	#	When a cell is in basic congestion, the RNC shall select some UEs for code	Sum	hucasebh, huctbh

				adjustment. This measurement item provides the number of UEs that Successfully perform the adjustment.		
VS_LCC_LDR_CodeAdj	hua_cell_loadcongctrl_tab.ub2wh52iyy2ahdha0035xkcuc6	INTEGER	#	When a cell is in basic congestion, the RNC shall select some UEs for code adjustment. This measurement item takes statistics of the number of UEs that perform the adjustment.	Sum	hucasebh, huctbh
VS_LCC_LDR_HSDPA_InterRATCS	hua_cell_loadcongctrl_tab.xlsnxptlui2aidkrb02ofawjhk	INTEGER	#	When a cell is in LDR state, this measurement item provides the number of HSDPA users perform the CS domain inter-RAT handover.	Sum	hucasebh, huctbh
VS_LCC_LDR_HSUPA_InterRATCS	hua_cell_loadcongctrl_tab.xlsnxqnlui2aidkrb02ofawjhk	INTEGER	#	When a cell is in LDR state, this measurement item provides the number of HSUPA users perform the CS domain inter-RAT handover.	Sum	hucasebh, huctbh
VS_LCC_LDR_InterFreq	hua_cell_loadcongctrl_tab.ycmk36bkbyblfrswgbyoxfcvis	INTEGER	#	When a cell is in basic congestion, the RNC shall select some UEs for inter-frequency handover.	Sum	hucasebh, huctbh

				Number of the UEs performing such handover.		
VS_LCC_LDR_InterRATCS	hua_cell_loadcongctrl_tab.xhvafnwwlebcsri4qj3dnhjxul	INTEGER	#	When a cell is in basic congestion, the RNC shall select some UEs for CS domain inter-RAT handover. Number of the UEs performing such handover.	Sum	hucasebh, huctbh
VS_LCC_LDR_InterRATPS	hua_cell_loadcongctrl_tab.vf0jr5150rcx5d5dhihabbhi3r	INTEGER	#	When a cell is in basic congestion, the RNC shall select some UEs for PS domain inter-RAT handover. Number of the UEs performing such handover.	Sum	hucasebh, huctbh
VS_LCC_LDR_MbmsPowerDec	hua_cell_loadcongctrl_tab.ub2wh54iyy2ahdha0035xkcuc6	INTEGER	#	When a cell is in basic congestion, the RNC shall select some MBMSs for power decrease. This measurement item takes statistics of the number of MBMSs that decrease the power.	Sum	hucasebh, huctbh
VS_LCC_LDR_RABRateDL	hua_cell_loadcongctrl_tab.uqje6wxpbmbvpdee3cl4xagqo1	INTEGER	#	When the cell is in basic congestion, the	Sum	hucasebh, huctbh

				RNC shall select some UEs for uncontrollable realtime service QoS renegotiation by RAB MODIFY REQUEST. Numbers of the UEs performing such renegotiation in both UL and DL directions respectively.		
VS_LCC_LDR_RABRateUL	hua_cell_loadcongctrl_tab.wng0n126bxcfftd6og4tlqnqhl	INTEGER	#	When the cell is in basic congestion, the RNC shall select some UEs for BE service downsizing by RADIO BEARER RECONFIGURATION. Numbers of the UEs performing such BE service downsizing	Sum	hucasebh, huctbh
VS_LCC_OLC_FastBE	hua_cell_loadcongctrl_tab.tx2wamfqjwckod4inmrb6ndyow	INTEGER	#	Obsolete in release Vn00R010. When a cell is in overload congestion, the RNC shall select some UEs for BE service TF control. By controlling the MAC TFC selection procedure, the RNC can reduce the data throughput of	Sum	hucasebh, huctbh

				interactive traffic and background traffic. Number of the UEs performing such TF control.		
VS_LCC_OLC_UserRel	hua_cell_loadcongctrl_tab.tgn31exctlcyecwipuud4lslwq	INTEGER	#	Obsolete in release Vn00R010. When a cell is in overload congestion, the RNC shall select some UEs to release if failing to release the cell from overload congestion by BE service TF control. Number of the UEs released due to overload congestion.	Sum	hucasebh, huctbh
VS_LCC_OverCongNumDL	hua_cell_loadcongctrl_tab.t223kpaf4ibmxcjugkon1hl3go	INTEGER	#	The measurement is triggered when the RNC receives a COMMON MEASUREMENT REPORT from the NodeB and detects there is DL overload congestion in the cell.	Sum	hucasebh, huctbh
VS_LCC_OverCongNumUL	hua_cell_loadcongctrl_tab.t66tsl4abeccmrehrfa52wgsim	INTEGER	#	The measurement is triggered when the RNC receives a COMMON MEASUREMEN	Sum	hucasebh, huctbh

				T REPORT from the NodeB and detects there is UL overload congestion in the cell.		
VS_LCC_OverCongTimDL	hua_cell_loadcongctrl_tab.ytlqa1uo0ib1nbbkxwo3p2bh15	INTEGER	seconds	The above items provide the durations of DL overload congestions in a cell. Unit: s.	Sum	hucasebh, huctbh
VS_LCC_OverCongTimUL	hua_cell_loadcongctrl_tab.r1u1u2nlq4bdyrg1436wulyhfm	INTEGER	seconds	The above items provide the durations of UL overload congestions in a cell. Unit: s.	Sum	hucasebh, huctbh

6.5.42 Cell.Huawei.UMTS.Location_Cell_Services

Location Cell Services data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LCS_OutCellCover_AgpsAss	hua_cell_loccellserv_tab.rtuwwf4cw6c0mta5anusldnspv	INTEGER	#	Number of the positioning results out of the reference cell coverage in case of UE ASSISTED AGPS method in a cell.	Sum	hucasebh, huctbh
VS_LCS_OutCellCover_AgpsBas	hua_cell_loccellserv_tab.vda4upudoubj4rshbqgcejvleg	INTEGER	#	Number of the positioning results out of the reference cell coverage in case of UE BASED AGPS method in a	Sum	hucasebh, huctbh

				cell.		
VS_LCS_OutCellCover_CellIdRtt	hua_cell_loccellserv_tab.x1eahckubdcbodarnlkdymepd5	INTEGER	#	Number of the positioning results out of the reference cell coverage in case of CELLID + RTT method in a cell.	Sum	hucasebh, huctbh
VS_LCS_OutCellCover_Otdoa	hua_cell_loccellserv_tab.ra24u13q3obrfbawliu5coyxo2	INTEGER	#	Number of the positioning results out of the reference cell coverage in case of OTDOA method in a cell.	Sum	hucasebh, huctbh

6.5.43 Cell.Huawei.UMTS.MBMS_Cell

Number of setups and releases of the MBMS traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LCC_LDR_MBMS_PowerDec	hua_cell_mbms_tab.suihn0rurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of operations of decreasing power for MBMS PTM service in LDR state	Sum	hucasebh, huctbh
VS_LCC_OLC_MBMS_PTM_RBRel	hua_cell_mbms_tab.suihn0turp2ahrhr0035xvpkr0	INTEGER	#	Number of release PTM MBMS	Sum	hucasebh, huctbh

				service in OLC state		
VS_LCC_OLC_MBMS_PTP_RBRel	hua_cell_mbms_tab.suihn0vurp2ahrhr0035xvpkr0	INTEGER	#	Number of release PTP MBMS service in OLC state	Sum	hucasebh, huctbh
VS_MBMS_InterCell_PTPtoPTM_Att	hua_cell_mbms_tab.yearq0fupw2ahrhr0035xvpkr0	INTEGER	#	Number of releases of PTP MBMS services because the new best cell is on PTM mode	Sum	hucasebh, huctbh
VS_MBMS_MTCHSetupFail_Cell	hua_cell_mbms_tab.ub2wh5diyy2ahdha0035xkcuc6	INTEGER	#	Number of unsuccessful setups of the MBMS traffic channel in a cell.	Sum	hucasebh, huctbh
VS_MBMS_MTCHSetupSucc_Cell	hua_cell_mbms_tab.ub2wh5fiyy2ahdha0035xkcuc6	INTEGER	#	Number of successful attempts to set up the MBMS traffic channel in a cell.	Sum	hucasebh, huctbh
VS_MBMS_PTM_RB_Max_Cell	hua_cell_mbms_tab.yearq12upw2ahrhr0035xvpkr0	INTEGER	#	Maximum Number of RBs in PTM MBMS service	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MBMS_PTM_RB_Mean_Cell	hua_cell_mbms_tab.yearq10upw2ahrhr0035xvpkr0	FLOAT	#	Average number of RBs in PTM MBMS service	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_MBMS_PTMtoPTP_Succ	hua_cell_mbms_tab.yearq0pupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful transition from PTM MBMS service to PTP MBMS service	Sum	hucasebh, huctbh
VS_MBMS_PTP_UE_Max_Cell	hua_cell_mbms_tab.yearq0xupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Maximum Number of UEs in PTP MBMS service	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MBMS_PTP_UE_Mean_Cell	hua_cell_mbms_tab.yearq0vupw2ahrhr0035xvpkr0	FLOAT	#	Obsolete from UTRAN/V900 R011:Average number of UEs in PTP MBMS service	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MBMS_PTPtoPTM_Att	hua_cell_mbms_tab.yearq0tupw2ahrhr0035xvpkr0	INTEGER	#	Number of transition from PTP MBMS service to PTM MBMS service	Sum	hucasebh, huctbh
VS_MBMS_PTPtoPTM_Succ	hua_cell_mbms_tab.yearq0rupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful transition from PTP MBMS service to PTM MBMS service	Sum	hucasebh, huctbh
VS_MBMS_RB_PTM_AttEstab	hua_cell_mbms_tab.yearq14upw2ahrhr0035xvpkr0	INTEGER	#	Number of setups of PTM MBMS service	Sum	hucasebh, huctbh

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VS_MBMS_RB_PTM_SuccEstab	hua_cell_mbms_tab.yearq16upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful setups of PTM MBMS service	Sum	hucasebh, huctbh
VS_MBMS_RB_PTP_AttEstab	hua_cell_mbms_tab.yearq0hupw2ahrhr0035xvpkr0	INTEGER	#	Number of requests for PTP MBMS setup	Sum	hucasebh, huctbh
VS_MBMS_RB_PTP_Loss_Abnorm	hua_cell_mbms_tab.yearq0lupw2ahrhr0035xvpkr0	INTEGER	#	Number of abnormal releases of PTP MBMS services for different causes	Sum	hucasebh, huctbh
VS_MBMS_RB_PTP_Loss_Norm	hua_cell_mbms_tab.yearq0nupw2ahrhr0035xvpkr0	INTEGER	#	Number of normal releases of PTP MBMS services	Sum	hucasebh, huctbh
VS_MBMS_RB_PTP_SuccEstab	hua_cell_mbms_tab.yearq0jupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful PTP MBMS setups	Sum	hucasebh, huctbh

6.5.44 Cell.Huawei.UMTS.MBMS_Channel

MBMS Channel

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
MBMS_PTM_Channel0_Dur_Cell	hua_cell_mbms_chan_tab.xlsny66lui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 0 is in PTM Mode	Sum	hucasebh, huctbh
MBMS_PTM_Channel1_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6dlui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 1 is in PTM Mode	Sum	hucasebh, huctbh

MBMS_PTM_Channel2_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6hlui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 2 is in PTM Mode	Sum	hucasebh, huctbh
MBMS_PTM_Channel3_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6llui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 3 is in PTM Mode	Sum	hucasebh, huctbh
MBMS_PTM_Channel4_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6plui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 4 is in PTM Mode	Sum	hucasebh, huctbh
MBMS_PTM_UE_Channel0_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5nlui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 0 in PTM Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTM_UE_Channel1_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5rlui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 1 in PTM Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTM_UE_Channel2_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5vlui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 2 in PTM Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTM_UE_Channel3_Mean_Cell	hua_cell_mbms_chan_tab.xlsny60lui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 3 in	Average	hucasebh, huctbh, Sum, Minimum,

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				PTM Mode in a Cell		Maximum
MBMS_PTM_UE_Channel4_Mean_Cell	hua_cell_mbms_chan_tab.xlsny64lui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 4 in PTM Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTP_Channel0_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6blui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 0 is in PTP Mode	Sum	hucasebh, huctbh
MBMS_PTP_Channel1_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6flui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 1 is in PTP Mode	Sum	hucasebh, huctbh
MBMS_PTP_Channel2_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6jlui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 2 is in PTP Mode	Sum	hucasebh, huctbh
MBMS_PTP_Channel3_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6nlui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 3 is in PTP Mode	Sum	hucasebh, huctbh
MBMS_PTP_Channel4_Dur_Cell	hua_cell_mbms_chan_tab.xlsny6rlui2aidkrb02ofawjhk	INTEGER	seconds	Duration in Which MBMS Channel 4 is in PTP Mode	Sum	hucasebh, huctbh
MBMS_PTP_UE_Channel0_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5llui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 0 in PTP Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTP_UE_Channel1_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5plui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 1 in	Average	hucasebh, huctbh, Sum, Minimum,

				PTP Mode in a Cell		Maximum
MBMS_PTP_UE_Channel2_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5tlui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 2 in PTP Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTP_UE_Channel3_Mean_Cell	hua_cell_mbms_chan_tab.xlsny5xlui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 3 in PTP Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
MBMS_PTP_UE_Channel4_Mean_Cell	hua_cell_mbms_chan_tab.xlsny62lui2aidkrb02ofawjhk	FLOAT	#	Mean Number of UEs That Subscribe to MBMS Channel 4 in PTP Mode in a Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.45 Cell.Huawei.UMTS.MBMS_PTP_PTM

MBMS PTP PTM

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MBMS_PTM_Channel_Dur_Cell	hua_cell_mbmsptpm_tab.xlsnyeblui2aidkrb02ofawjhk	INTEGER	seconds	Obsolete from UTRAN/V900R011:VS MBMS PTM Channel Dur Cell	Sum	hucasebh, huctbh
VS_MBMS_PTM_UE_Mean	hua_cell_mbmsptpm_tab.xlsnyeflui2aidkrb02ofawj	FLOAT	#	Obsolete from UTRAN/V900R	Average	hucasebh, huctbh,

_Cell	hk			011:VS MBMS PTM UE Mean Cell		Sum, Minimum, Maximum
VS_MBMS_PTP_Channel_Dur_Cell	hua_cell_mbmsptpm_tab.xlsnyedlui2aidkrb02ofawjhk	INTEGER	seconds	Obsolete from UTRAN/V900R011:VS MBMS PTP Channel Dur Cell	Sum	hucasebh, huctbh
VS_MBMS_PTP_UE_Mean_Cell	hua_cell_mbmsptpm_tab.xlsnye6lui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900R011:VS MBMS PTP UE Mean Cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.46 Cell.Huawei.UMTS.Measurement_Reports_UMTS

Measurement Report data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRC_MrRpt_1A_Detect	hua_cell_measrepumts_tab.rl0eg3uajscasbktoiab64ls1i	INTEGER	#	Obsolete in release Vn00R010. Number of event 1A measurement reports about monitoring sets.	Sum	hucasebh, huctbh
VS_RRC_MrRpt_1A	hua_cell_measrepumts_tab.w6awg2xdxibpndh3wv65vqsp13	INTEGER	#	Number of event 1A measurement reports about neighboring cells of a cell from UEs to the RNC.	Sum	hucasebh, huctbh
VS_RRC_Mr	hua_cell_measrepumts_tab	INTEG	#	Number of	Sum	hucasebh

Rpt_1B	.x150diwr5xb5vtblok5mqif6rg	ER		event 1B measurement reports about neighboring cells of a cell from UEs to the RNC.		, huctbh
VS_RRC_MrRpt_1C	hua_cell_measrepumts_tab.untmep5lovc0mdtbli0e3jmcrs	INTEGER	#	Number of event 1C measurement reports about neighboring cells of a cell from UEs to the RNC.	Sum	hucasebh, huctbh
VS_RRC_MrRpt_1D	hua_cell_measrepumts_tab.wqovdnopuxc12e4je00jo32kjr	INTEGER	#	Number of event 1D measurement reports about neighboring cells of a cell from UEs to the RNC.	Sum	hucasebh, huctbh
VS_RRC_MrRpt_1F	hua_cell_measrepumts_tab.uuo23i2ilk2ahdh6b035xkcuc6	INTEGER	#	Number of Event 1F Measurement Reports (Cell)	Sum	hucasebh, huctbh
VS_RRC_MrRpt_2D	hua_cell_measrepumts_tab.sa2md5e4eucxeskbgkn4b5qjms	INTEGER	#	Number of event 2D measurement reports about the cells in active sets from UEs to the RNC.	Sum	hucasebh, huctbh
VS_RRC_MrRpt_2F	hua_cell_measrepumts_tab.v60dqkpth0bmnrruafokamgatr	INTEGER	#	Number of event 2F measurement	Sum	hucasebh, huctbh

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				reports about the cells in active sets from UEs to the RNC		
VS_RRC_MrRpt_3A	hua_cell_measrepumts_tab.uuo23i4ilk2ahdh6b035xkcuc6	INTEGER	#	Number of Event 3A Measurement Reports (Cell)	Sum	hucasebh, huctbh
VS_UE_mrRPT_4A	hua_cell_measrepumts_tab.v4w3yb6kiaculb1xd5sobtb5no	INTEGER	#	Number of event 4A measurement reports about the cells in active sets from UEs to the RNC.	Sum	hucasebh, huctbh
VS_UE_mrRPT_4B	hua_cell_measrepumts_tab.rnmhjxgalycoxssq35xkldpnsu	INTEGER	#	Number of event 4B measurement reports about the cells in active sets from UEs to the RNC.	Sum	hucasebh, huctbh
VS_Utran_mrRPT_4A	hua_cell_measrepumts_tab.yearprdupw2ahrhr0035xvpkr0	INTEGER	#	Number of downlink event 4A measurement reports	Sum	hucasebh, huctbh
VS_Utran_mrRPT_4B	hua_cell_measrepumts_tab.yearprfupw2ahrhr0035xvpkr0	INTEGER	#	Number of downlink event 4B measurement reports	Sum	hucasebh, huctbh

6.5.47 Cell.Huawei.UMTS.MultiRab

MultiRab data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_MultRAB_SF128	hua_cell_multirab_tab.yiqladju2hcc2dxlc0ldqmgv5f	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MultRAB_SF16	hua_cell_multirab_tab.vwql2kawh3bndt0cxfme3ecxi5	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MultRAB_SF256	hua_cell_multirab_tab.yg2uyly4pmcgas5xpmv6l1qwwr	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MultRAB_SF32	hua_cell_multirab_tab.x6gqc6km3kb4drj2xucq56b5eg	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_MultRAB_SF4	hua_cell_multirab_tab.sjp0ansl0ccb0d002h5g0ricua	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MultRAB_SF64	hua_cell_multirab_tab.rlm50oaqv6c5eryy3lywpeei23	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MultRAB_SF8	hua_cell_multirab_tab.uxgdt4ws5eb0jd3krtghcc21qw	FLOAT	#	Average numbers of multi-RAB UEs allocated different spreading factors (SFs) of 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_SFOCCUPY_MAX	hua_cell_multirab_tab.usn1bpoxvlbjnuokte6emre0pi	INTEGER	#	Max. numbers of spreading factor(SF) in a cell, Let the SF which has been occupied a unitary SF of 256 for count.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_SFOCCUPY	hua_cell_multirab_tab.tgvmajjfjwc3tr5l6dbuhnxkr1	FLOAT	#	Average numbers of spreading factor(SF) in a cell, Let the SF	Average	hucasebh, huctbh, Sum, Minimum,

				which has been occupied a unitary SF of 256 for count		Maximum
VS_SingleRAB_SF128	hua_cell_multirab_tab.rdp0ibq5y2crgthcjl6clq6qby	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SingleRAB_SF16	hua_cell_multirab_tab.wbyqnmeb4gcytdj3ulfd5yckxp	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SingleRAB_SF256	hua_cell_multirab_tab.wiris6pk4scwldxiwa5d22xopo	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SingleRAB_SF32	hua_cell_multirab_tab.xart5emwkmcj6caopw6grh3hhv	FLOAT	#	Average numbers of single-RAB UEs allocated different	Average	hucasebh, huctbh, Sum, Minimum,

				spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.		Maximum
VS_SingleRAB_SF4	hua_cell_multirab_tab.s66d23a54nb2ncaby41y30g3mu	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SingleRAB_SF64	hua_cell_multirab_tab.tbkviy64klc6it4bbky2jyvypa	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SingleRAB_SF8	hua_cell_multirab_tab.v4y5wa1dcjcjstcmsvv6aeqvgk	FLOAT	#	Average numbers of single-RAB UEs allocated different spreading factors (SFs) 4/8/16/32/64/128/256 in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.48 Cell.Huawei.UMTS.NBAP_Statistics

NBAP data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

RLM_AttRLDel Iub	hua_cell_nbap_stat_tab.ub2wgmliyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description.	Sum	hucasebh, huctbh
RLM_SuccRLDelIub	hua_cell_nbap_stat_tab.ub2wgmniyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description.	Sum	hucasebh, huctbh
VS_IUB_AttRL Recfg	hua_cell_nbap_stat_tab.ydag5yqiepcfidlfhbk3ulyn2h	INTEGER	#	Number of RLs requested for synchronized reconfiguration on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_AttRL Setup	hua_cell_nbap_stat_tab.uupekke1ghb10bxq2m0smpgauk	INTEGER	#	Number of RLs requested to establish on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_Cancel RLRecfg	hua_cell_nbap_stat_tab.uj6tt0ilwwb45bbqk63v0bdixl	INTEGER	#	Number of RLs whose synchronized reconfiguration is cancelled on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailR LAdd_OM	hua_cell_nbap_stat_tab.tqsn23tl1wcjqsb2n65gsvnkym	INTEGER	#	Numbers of RLs unsuccessfully added on the Iub interface due to different causes in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailR LRecfg_CfgUnsup	hua_cell_nbap_stat_tab.wdqmo245pgcqmrhgrncyl1xusq	INTEGER	#	Numbers of RLs unsuccessfully	Sum	hucasebh, huctbh

				reconfigured on the Iub interface in a cell.		
VS_IUB_FailRLRecfg_Cong	hua_cell_nbap_stat_tab.sdyo5ahlq6bstcfpwjmfgccdjn	INTEGER	#	Numbers of RLs unsuccessfully reconfigured on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailRLRecfg_HW	hua_cell_nbap_stat_tab.xtk6iq6jb3cemskyr3rkbobvnk	INTEGER	#	Numbers of RLs unsuccessfully reconfigured on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailRLRecfg_NoReply	hua_cell_nbap_stat_tab.sl0wnjnwnhbcnujdgufkxem606	INTEGER	#	Number of RLs unsuccessfully reconfigured on the Iub interface due to no response from the NodeB	Sum	hucasebh, huctbh
VS_IUB_FailRLRecfg_OM	hua_cell_nbap_stat_tab.vsqwy22ry2bxsswve502jrhdok	INTEGER	#	Numbers of RLs unsuccessfully reconfigured on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailRLSetup_CfgUnsup	hua_cell_nbap_stat_tab.rts5chumbubqtbevgtendjx2dr	INTEGER	#	Numbers of RLs unsuccessfully established on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailRLSetup_Cong	hua_cell_nbap_stat_tab.uicrrg1pj4bu5rlfevwwa61w55	INTEGER	#	Numbers of RLs	Sum	hucasebh, huctbh

				unsuccessfully established on the Iub interface in a cell.		
VS_IUB_FailRLSetup_HW	hua_cell_nbap_stat_tab.rjifqegjwtcjgrgip114hxio4b	INTEGER	#	Numbers of RLs unsuccessfully established on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_FailRLSetup_OM	hua_cell_nbap_stat_tab.xrjna4ls55befbk21jmk0n2akc	INTEGER	#	Numbers of RLs unsuccessfully established on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_RLFail_CfgUnsup	hua_cell_nbap_stat_tab.vp2tini0jbbeeb2xj1nfchj51r	INTEGER	#	Numbers of RLs not available on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_RLFail_HW	hua_cell_nbap_stat_tab.syejcw0x52bkqrivdxejen1xuw	INTEGER	#	Numbers of RLs not available on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_RLFail_OM	hua_cell_nbap_stat_tab.vl01y4lrj4b66dghlsuifpmqdl	INTEGER	#	Numbers of RLs not available on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_RLFai	hua_cell_nbap_stat_tab.r01	INTEG	#	Numbers of	Sum	hucasebh

l_SyncFail	tnl3tx6c4cuxr0fu4uvvja2	ER		RLs not available on the Iub interface in a cell.		, huctbh
VS_IUB_RLFailNoRestore	hua_cell_nbap_stat_tab.ymmb6h34hxblmegqxxkbo3fe6h	INTEGER	#	Number of RLs unsuccessfully restored on the Iub interface due to no response from the NodeB.	Sum	hucasebh, huctbh
VS_IUB_RLFail	hua_cell_nbap_stat_tab.swcn04mj54c0rukjw1uaxqjwob	INTEGER	#	Number of RLs that are unavailable on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_Iub_RLFailSetup_NoReply	hua_cell_nbap_stat_tab.vioptbtqohc42efkaqr5ur4pdg	INTEGER	#	Number of RLs unsuccessfully established on the Iub interface due to no response from the NodeB	Sum	hucasebh, huctbh
VS_IUB_RLRestore	hua_cell_nbap_stat_tab.yyvc21wjicbg6d2avihrd65mu0	INTEGER	#	Number of RLs restored on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_SuccRLRecfg	hua_cell_nbap_stat_tab.vbpjpsxlg5bwpsanrk1hav5fql	INTEGER	#	Number of RLs successfully reconfigured on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_IUB_SuccRLSetup	hua_cell_nbap_stat_tab.sixosesgbdbvht5meto34jdbln	INTEGER	#	Number of RLs successfully established on Iub interface in a cell.	Sum	hucasebh, huctbh

VS_RLsOfUE_InOtherCell	hua_cell_nbap_stat_tab.u4x3hwlc3ebc4eougdge2fi0va	FLOAT	#	Number of RLs provided by other cells in the RNC for this cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AttRLAddIub	hua_cell_nbap_stat_tab.sb4uwdun0hbhqewbsec5hbcrl4	INTEGER	#	Number of RLs requested to add on the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_SHO_FailRLAddIub_CfgUnsup	hua_cell_nbap_stat_tab.wome12n10ucatsuxxb20wr1b5g	INTEGER	#	Numbers of RLs unsuccessfully added on the Iub interface due to different causes in a cell.	Sum	hucasebh, huctbh
VS_SHO_FailRLAddIub_Cong	hua_cell_nbap_stat_tab.xnt2y1xk2mcj4c5dywub2ngvfc	INTEGER	#	Numbers of RLs unsuccessfully added on the Iub interface due to different causes in a cell.	Sum	hucasebh, huctbh
VS_SHO_FailRLAddIub_HW	hua_cell_nbap_stat_tab.xl1t5rngvqcaecpha6mog1rmymm	INTEGER	#	Numbers of RLs unsuccessfully added on the Iub interface due to different causes in a cell.	Sum	hucasebh, huctbh
VS_SHO_SuccRLAddIub	hua_cell_nbap_stat_tab.tvmi30q0isb3sc2pw3x6mw05fn	INTEGER	#	Number of RLs successfully added on the Iub interface in a cell.	Sum	hucasebh, huctbh

6.5.49 Cell.Huawei.UMTS.Paging

Paging data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRC_Paging1_Att_Cell	hua_cell_paging_tab.xnwajen5owcqlc0q34k2iopk2l	INTEGER	#	Number of pages of PAGING TYPE 1 sent by the RNC in a cell.	Sum	hucasebh, huctbh
VS_RRC_Paging1_Loss_PCHCong_Cell	hua_cell_paging_tab.sy3jsehmm4b54dcjjp22id5vpu	INTEGER	#	Number of losses of PAGING TYPE 1 message due to PCH congestion in a cell.	Sum	hucasebh, huctbh

6.5.50 Cell.Huawei.UMTS.RAB_Abnorm_Release_CS

RAB Abnormal Release CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Abnorm_Rel_CS_Str	hua_cell_rab_abnrel_cs_tab.yearpn0upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for CS streaming services and are released for abnormal causes in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_Norm_Rel_CS_Str_UlSigRel	hua_cell_rab_abnrel_cs_tab.yearpnfupw2ahrhr0035xvpkr0	INTEGER	#	Number of released CS streaming service RABs with the cause	Sum	hucasebh, huctbh

				of uplink signalling connection release in the best cell that belongs to the SRNC		
VS_Norm_Rel_CS_Str	hua_cell_rab_abnrel_cs_tab.yearpn6upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for CS streaming services and are normally released in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_NorRel_CS_AMR_ULRel	hua_cell_rab_abnrel_cs_tab.ub2wh60iyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS AMR RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC	Sum	hucasebh, huctbh
VS_NorRel_CSConv_64_ULRel	hua_cell_rab_abnrel_cs_tab.ub2wh6biyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS conversational service RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC (Max DL	Sum	hucasebh, huctbh

				bit rate = 64 kbit/s)		
VS_NorRel_CSConv_64	hua_cell_rab_abnrel_cs_tab.ub2wh64iyy2ahdha0035xkcuc6	INTEGER	#	Number of CS conversational service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate = 64 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Aal2Loss	hua_cell_rab_abnrel_cs_tab.sj435m051jcfhecvy4stqv1mi5	INTEGER	#	Number of released CS RABs triggered by the RNC due to Iu interface AAL2 link failure in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Ab_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkppiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of abnormally released CS RABs triggered by the RNC (Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Ab_AMR_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkpriyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of abnormally released CS RABs triggered by the RNC (AMR Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Abnorm_AMR	hua_cell_rab_abnrel_cs_tab.xapya1kbj5busc2f5hsswjg3oy	INTEGER	#	Obsolete in release Vn00R010. Numbers of	Sum	hucasebh, huctbh

				released RABs triggered by RNC due to abnormal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to CS Abnormal Cause in a cell (AMR)		
VS_RAB_Loss_CS_Abnorm	hua_cell_rab_abnrel_cs_tab.rs2cu20kvibdkunonrq11i3n3y	INTEGER	#	Numbers of released RABs triggered by RNC due to abnormal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to CS Abnormal Cause in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMR_12_2	hua_cell_rab_abnrel_cs_tab.unp05qufkgcbabv5talllqmyct	INTEGER	#	Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMR_4_75	hua_cell_rab_abnrel_cs_tab.xv3i0fqoircguednmhbbtylh5t	INTEGER	#	Numbers of released RABs triggered by the RNC according	Sum	hucasebh, huctbh

				to different maximum downlink bit rates in a cell.		
VS_RAB_Loss_CS_AMR_5_9	hua_cell_rab_abnrel_cs_tab.xl55x1lxmdcmysuwithv1wsimi	INTEGER	#	Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMR_7_95	hua_cell_rab_abnrel_cs_tab.yr526ykdgkboccxaoakmsa5ke3	INTEGER	#	Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMR	hua_cell_rab_abnrel_cs_tab.wxwfvl3132c4tuqvgqu06uymvd	INTEGER	#	Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_12_65	hua_cell_rab_abnrel_cs_tab.uh2kkptiyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 12.65 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_14_25	hua_cell_rab_abnrel_cs_tab.uh2kkpviyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the	Sum	hucasebh, huctbh

				RNC in the best cell due to failures in the CS domain (DL 14.25 kbit/s)		
VS_RAB_Loss_CS_AMRWB_15_85	hua_cell_rab_abnrel_cs_tab.uh2kkpxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 15.85 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_18_25	hua_cell_rab_abnrel_cs_tab.uh2kkq0iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 18.25 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_19_85	hua_cell_rab_abnrel_cs_tab.uh2kkq2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 19.85 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss	hua_cell_rab_abnrel_cs_ta	INTEG	#	Obsolete from	Sum	hucasebh

_CS_AMRWB_2_0	b.uh2kkq4iyy2ahdha0035xkcuc6	ER		UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 2.0 kbit/s)		, huctbh
VS_RAB_Loss_CS_AMRWB_23_05	hua_cell_rab_abnrel_cs_tab.uh2kkq6iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 23.05 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_23_85	hua_cell_rab_abnrel_cs_tab.uh2kkqbiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 23.85 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_AMRWB_6_6	hua_cell_rab_abnrel_cs_tab.uh2kkqdiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 6.60 kbit/s)	Sum	hucasebh, huctbh

VS_RAB_Loss_CS_AMRWB_8_85	hua_cell_rab_abnrel_cs_tab.uh2kkqfiyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released RABs triggered by the RNC in the best cell due to failures in the CS domain (DL 8.85 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Congstion_CELL	hua_cell_rab_abnrel_cs_tab.vtblmgbwjdb62uhm5b61uladpg	INTEGER	#	Number of released PS RABs triggered by the RNC due to CELL congestion in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Conv64K	hua_cell_rab_abnrel_cs_tab.ugo10ca6p1b33t4wqvr5gtfoyy	INTEGER	#	Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Norm_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkqhiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of normally released CS RABs triggered by the RNC (Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Norm_AMR_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkqjiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of normally	Sum	hucasebh, huctbh

				released CS RABs triggered by the RNC (AMR Cell of Active Set).		
VS_RAB_Loss_CS_Norm_AMR	hua_cell_rab_abnrel_cs_tab.wj3we6hmsbbivtinsaneyx5vrs	INTEGER	#	Numbers of released RABs triggered by RNC due to normal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to CS Normal Cause in a cell (AMR)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_Norm	hua_cell_rab_abnrel_cs_tab.tgsg1rq2qlblpegsdw0xsksp2n	INTEGER	#	Numbers of released RABs triggered by RNC due to normal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to CS Normal Cause in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkqliyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of CS domain RAB releases triggered by the RNC due to RF failures (Cell of Active Set).	Sum	hucasebh, huctbh

VS_RAB_Loss_CS_RF_AMR_AcCell	hua_cell_rab_abnrel_cs_tab.uh2kkqniyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of CS domain RAB releases triggered by the RNC due to RF failures (AMR Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF_AMR	hua_cell_rab_abnrel_cs_tab.svspcw0toxb5vscbgk0u4ut64w	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC due to RF by Traffic Classes, Count of CS domain RAB Release Triggered by RNC due to RF Loss in a cell (AMR)	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF_Oth	hua_cell_rab_abnrel_cs_tab.sexht2mtsgcg3sa3ccyx050rjb	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of CS domain RAB Release Triggered by RNC due to RF Loss (Other cause) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF_RLC	hua_cell_rab_abnrel_cs_tab.sv26moxspwb5ir4tjsiqvh	INTEGER	#	Numbers of released RABs	Sum	hucasebh, huctbh

Rst	hm6u			triggered by the RNC according to different RF reasons,Count of CS domain RAB Release Triggered by RNC due to RF Loss (Uplink RLC Reset) in a cell		
VS_RAB_Loss_CS_RF_ULSync	hua_cell_rab_abnrel_cs_tab.xgo3afbplececrjiky5ms1rfw5	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of CS domain RAB Release Triggered by RNC due to RF Loss (Uplink Synchronization Fail) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF_UuNoReply	hua_cell_rab_abnrel_cs_tab.sa0dkops6gceuujqr2qt06i23e	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of CS domain RAB Release Triggered by RNC due to RF Loss (Failure in the Radio Interface Procedure) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_CS_RF	hua_cell_rab_abnrel_cs_tab.uyfxslf2ytc0dc0udcerkd6c5i	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF	Sum	hucasebh, huctbh

				reasons, Count of CS domain RAB Release Triggered by RNC due to RF Loss in a cell		
VS_RAB_Loss_CS_SRBReset	hua_cell_rab_abnrel_cs_tab.xbatr1snnybsisdovcpvsexqxa	INTEGER	#	Numbers of released RABs triggered by the RNC due to signalling Radio Link Control (RLC) Reset according to different domains, Number of released CS RABs triggered by RNC due to signalling RLC reset in a cell	Sum	hucasebh, huctbh
VS_RAB_RelReqCS_OM	hua_cell_rab_abnrel_cs_tab.sdn4uxd4kcbegr4vejgryn1wqq	INTEGER	#	Numbers of released RABs triggered by the RNC in a cell according to different release causes.	Sum	hucasebh, huctbh
VS_RAB_RelReqCS_RABPreempt	hua_cell_rab_abnrel_cs_tab.wrrasopw1vbtvbuc6dbjdkeju1	INTEGER	#	Numbers of released RABs triggered by the RNC in a cell according to different release causes.	Sum	hucasebh, huctbh
VS_RAB_RelReqCS_UTRANgen	hua_cell_rab_abnrel_cs_tab.wiq6f2ni33c03rwbvt1gud1oc6	INTEGER	#	Numbers of released RABs triggered by the	Sum	hucasebh, huctbh

				RNC in a cell according to different release causes.		

6.5.51 Cell.Huawei.UMTS.RAB_Abnorm_Release_HSDPA

RAB Abnormal Release for HSDPA

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSPA_RAB_Loss_Abn_CS_Conv	hua_rababnormhsdpa_tab.xlsnxmblui2aidkrb02ofawjhk	INTEGER	#	Number of abnormally released CS RAB which bears on HSPA in the best cell.	Sum	hucasebh, huctbh
VS_HSPA_RAB_Loss_Norm_CS_Conv	hua_rababnormhsdpa_tab.xlsnxmdlui2aidkrb02ofawjhk	INTEGER	#	Number of CS over HSPA RAB Release due to normal Loss in the best cell.	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_BE_HSDPA_Cong_Copper	hua_rababnormhsdpa_tab.yearqafupw2ahrhr0035xvpkr0	INTEGER	#	Number of released copper user's PS BE RABs beared on HSDPA triggered by the RNC due to cell congestion	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_BE_HSDPA_Cong_Golden	hua_rababnormhsdpa_tab.yearqabupw2ahrhr0035xvpkr0	INTEGER	#	Number of released golden user's PS BE RABs beared on HSDPA triggered by the RNC due to cell congestion	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_BE_HSD	hua_rababnormhsdpa_tab.yearqadupw2ahrhr0035xv	INTEGER	#	Number of released silver	Sum	hucasebh, huctbh

PA_Cong_Silver	pkr0			user's PS BE RABs beared on HSDPA triggered by the RNC due to cell congestion		

6.5.52 Cell.Huawei.UMTS.RAB_Abnorm_Release_HSUPA

RAB Abnormal Release for HSUPA

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_RelReqPS_BE_HSUPA_Cong_Copper	hua_rababnormhsupa_tab.yearqalupw2ahrhr0035xvpkr0	INTEGER	#	Number of released copper user's PS BE RABs beared on HSUPA triggered by the RNC due to cell congestion	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_BE_HSUPA_Cong_Golden	hua_rababnormhsupa_tab.yearqahupw2ahrhr0035xvpkr0	INTEGER	#	Number of released golden user's PS BE RABs beared on HSUPA triggered by the RNC due to cell congestion	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_BE_HSUPA_Cong_Silver	hua_rababnormhsupa_tab.yearqajupw2ahrhr0035xvpkr0	INTEGER	#	Number of released silver user's PS BE RABs beared on HSUPA triggered by the RNC due to cell congestion	Sum	hucasebh, huctbh

6.5.53 Cell.Huawei.UMTS.RAB_Abnorm_Release_PS

RAB Abnormal Release PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Abnorm_Rel_PS_Conv	hua_cell_rab_abnrel_ps_tab.yearpn2upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS conversational services on the DCH (excluding the HS-DSCH) and are released for abnormal causes in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_Abnorm_Rel_PS_Str	hua_cell_rab_abnrel_ps_tab.yearpn4upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS streaming services on the DCH (excluding the HS-DSCH) and are released for abnormal causes in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_AbRel_PS_BE_RB_0_32	hua_cell_rab_abnrel_ps_tab.ub2wgndiyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released PS BE service RABs in the best cell that belongs to the SRNC (Max DL bit rate in [0,32] kbit/s)	Sum	hucasebh, huctbh
VS_AbRel_PS_	hua_cell_rab_abnrel_ps_ta	INTEG	#	Number of	Sum	hucasebh

BE_RB_144_384	b.ub2wgnhiyy2ahdha0035xkcuc6	ER		abnormally released PS BE service RABs in the best cell that belongs to the SRNC (Max DL bit rate in [144,384] kbit/s)		, huctbh
VS_AbRel_PS_BE_RB_32_64	hua_cell_rab_abnrel_ps_tab.ub2wgnliyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released PS BE service RABs in the best cell that belongs to the SRNC (Max DL bit rate in [32,64] kbit/s)	Sum	hucasebh, huctbh
VS_AbRel_PS_BE_RB_64_144	hua_cell_rab_abnrel_ps_tab.ub2wgnpiyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released PS BE service RABs in the best cell that belongs to the SRNC (Max DL bit rate in [64,144] kbit/s)	Sum	hucasebh, huctbh
VS_AbRel_PS_CCH	hua_cell_rab_abnrel_ps_tab.ub2wgntiyy2ahdha0035xkcuc6	INTEGER	#	Number of abnormally released PS RABs in the best cell that belongs to the SRNC (the PS service is on the CCH)	Sum	hucasebh, huctbh
VS_Norm_Rel_PS_0kbps_Timeout	hua_cell_rab_abnrel_ps_tab.xlsnxmhlui2aidkrb02ofawjhk	INTEGER	#	This measurement item takes	Sum	hucasebh, huctbh

				statistics of the time of released RAB of 0kbps for failed to rate up in the best cell.		
VS_Norm_Rel_PS_Conv_UlSigRel	hua_cell_rab_abnrel_ps_tab.yearpnhupw2ahrhr0035xvpkr0	INTEGER	#	Number of released PS conversational service RABs with the cause of uplink signalling connection release in the best cell that belongs to the SRNC	Sum	hucasebh, huctbh
VS_Norm_Rel_PS_Conv	hua_cell_rab_abnrel_ps_tab.yearpnbupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS conversational services on the DCH (excluding the HS-DSCH) and are normally released in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_Norm_Rel_PS_Str_UlSigRel	hua_cell_rab_abnrel_ps_tab.yearpnjupw2ahrhr0035xvpkr0	INTEGER	#	Number of released PS streaming service RABs with the cause of uplink signalling connection release in the best cell that belongs to the SRNC	Sum	hucasebh, huctbh

VS_Norm_Rel_PS_Str	hua_cell_rab_abnrel_ps_tab.yearpndupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS streaming services on the DCH (excluding the HS-DSCH) and are normally released in the best cell which is under the SRNC	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_0_32_ULRel	hua_cell_rab_abnrel_ps_tab.ub2wh6jiyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate in [0,32] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_0_32	hua_cell_rab_abnrel_ps_tab.ub2wh6fiyy2ahdha0035xkcuc6	INTEGER	#	Number of PS BE service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate in [0,32] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_144_384_ULRel	hua_cell_rab_abnrel_ps_tab.uh2kkmdiyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs with the cause of uplink	Sum	hucasebh, huctbh

				signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate in [144,384] kbit/s)		
VS_NorRel_PS_BE_144_384	hua_cell_rab_abnrel_ps_tab.ub2wh6niyy2ahdha0035xkcuc6	INTEGER	#	Number of PS BE service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate in [144,384] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_32_64_ULRel	hua_cell_rab_abnrel_ps_tab.uh2kkmliyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate in [32,64] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_32_64	hua_cell_rab_abnrel_ps_tab.uh2kkmhiyy2ahdha0035xkcuc6	INTEGER	#	Number of PS BE service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate in [32,64] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_BE_64_144_U	hua_cell_rab_abnrel_ps_tab.uh2kkmtiyy2ahdha0035x	INTEGER	#	Number of released PS BE	Sum	hucasebh, huctbh

LRel	kcuc6			service RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate in [64,144] kbit/s)		
VS_NorRel_PS_BE_64_144	hua_cell_rab_abnrel_ps_tab.uh2kkmpiyy2ahdha0035xkcuc6	INTEGER	#	Number of the PS BE service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate in [64,144] kbit/s)	Sum	hucasebh, huctbh
VS_NorRel_PS_CCH_USRel	hua_cell_rab_abnrel_ps_tab.uh2kkn2iyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS RABs with the cause of uplink signaling connection release in the best cell that belongs to the SRNC (the PS service is on the CCH)	Sum	hucasebh, huctbh
VS_NorRel_PS_CCH	hua_cell_rab_abnrel_ps_tab.uh2kkmxiyy2ahdha0035xkcuc6	INTEGER	#	Number of the PS BE service RABs normally released in the best cell that belongs to the SRNC (Max DL bit rate in	Sum	hucasebh, huctbh

				[64,144] kbit/s)		
VS_NorRel_PS_HS_USRel	hua_cell_rab_abnrel_ps_tab.uh2kkn6iyy2ahdha0035xkcuc6	INTEGER	#	Number of RABs released for uplink signaling connection release in the best cell that belongs to the SRNC.	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_128K	hua_cell_rab_abnrel_ps_tab.rg36yuohebb25twkr0jqlgxx3l	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_384K	hua_cell_rab_abnrel_ps_tab.t4pf1cpa4sbthrncdrkvwii0qe	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_64K	hua_cell_rab_abnrel_ps_tab.sghjosaxw3bbnevpvfep6ukygq	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC according to different maximum downlink bit rates in a cell.	Sum	hucasebh, huctbh

VS_RAB_Loss_PS_Abnorm_AcCell	hua_cell_rab_abnrel_ps_tab.uh2kkqpiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of abnormally released PS RABs triggered by the RNC (Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Abnorm_DL128	hua_cell_rab_abnrel_ps_tab.t3aoo1vdcpbx2r1cr1bscuo13e	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to abnormal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Abnormal Cause in a cell (DL 128 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Abnorm_DL384	hua_cell_rab_abnrel_ps_tab.wsxjckmleobauthsdc2sfpt1el	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to abnormal cause according to different domains in a	Sum	hucasebh, huctbh

				cell, Numbers of Released RABs Triggered by RNC due to PS Abnormal Cause in a cell (DL 384 kbps/s)		
VS_RAB_Loss_PS_Abnorm_DL64	hua_cell_rab_abnrel_ps_tab.spjite3w5ccukdwlhpn3pueedx	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to abnormal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Abnormal Cause in a cell (DL 64 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Abnorm	hua_cell_rab_abnrel_ps_tab.vppbhstw3hci2dvkn6l5mdo6yp	INTEGER	#	Numbers of released RABs triggered by RNC due to abnormal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to CS Abnormal Cause in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Congstion	hua_cell_rab_abnrel_ps_tab.yrl4a35xwwbytrdhtyda2	INTEGER	#	Number of released PS	Sum	hucasebh, huctbh

_CELL	qdv5q			RABs triggered by the RNC due to CELL congestion in a cell		
VS_RAB_Loss_PS_GTPULoss	hua_cell_rab_abnrel_ps_tab.x41r4aap4hbvcuhx4fl0emeqo6	INTEGER	#	Number of released PS RABs triggered by the RNC due to GTPU failure in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Norm_AcCell	hua_cell_rab_abnrel_ps_tab.uh2kkqriyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of normally released PS RABs triggered by the RNC (Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Norm_DL128	hua_cell_rab_abnrel_ps_tab.vfo0qs2mfxbl6da2hfbl3kx26o	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to normal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Normal Cause in a cell (DL 128 kbps/s	Sum	hucasebh, huctbh

VS_RAB_Loss_PS_Norm_DL384	hua_cell_rab_abnrel_ps_tab.w6jdfbpuxsbyqea0aesosj010t	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to normal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Normal Cause in a cell (DL 384 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Norm_DL64	hua_cell_rab_abnrel_ps_tab.shvp1mfi0lbdgdwqoli4dpmaff	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by RNC due to normal cause according to different domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Normal Cause in a cell (DL 64 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_Norm	hua_cell_rab_abnrel_ps_tab.u5rhnpyqn0bltcvpdupqxi3wge	INTEGER	#	Numbers of released RABs triggered by RNC due to normal cause according to different	Sum	hucasebh, huctbh

				domains in a cell, Numbers of Released RABs Triggered by RNC due to PS Normal Cause in a cell		
VS_RAB_Loss_PS_RF_AcCell	hua_cell_rab_abnrel_ps_tab.uh2kkqtiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of PS domain RAB releases triggered by the RNC due to RF failures (Cell of Active Set).	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF_DL128	hua_cell_rab_abnrel_ps_tab.to2k1mnkgjchfetg2bxf1yudlv	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC due to RF by Traffic Classes, Count of PS domain RAB Release Triggered by RNC due to RF Loss in a cell (DL 128 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF_DL384	hua_cell_rab_abnrel_ps_tab.r6lu0dcugqcxiske50r6hbpq0d	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC due to RF	Sum	hucasebh, huctbh

				by Traffic Classes, Count of CS domain RAB Release Triggered by RNC due to RF Loss in a cell (DL 384 kbps/s)		
VS_RAB_Loss_PS_RF_DL64	hua_cell_rab_abnrel_ps_tab.vo26dpx63kbygd5w0wk4yppr1l	INTEGER	#	Obsolete in release Vn00R010. Numbers of released RABs triggered by the RNC due to RF by Traffic Classes, Count of CS domain RAB Release Triggered by RNC due to RF Loss in a cell (DL 64 kbps/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF_Oth	hua_cell_rab_abnrel_ps_tab.tp56wqs14ycdqurt4ajw5pedab	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of PS domain RAB Release Triggered by RNC due to RF Loss(Other cause) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF_RLCRst	hua_cell_rab_abnrel_ps_tab.wkoqljd4y4cy0bod4fdsl0lxq1	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of PS domain RAB Release Triggered by	Sum	hucasebh, huctbh

				RNC due to RF Loss(Uplink RLC Reset) in a cell		
VS_RAB_Loss_PS_RF_ULSync	hua_cell_rab_abnrel_ps_tab.xw2th3crldcidejl6bnwc2pql0	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of PS domain RAB Release Triggered by RNC due to RF Loss(Uplink Synchronization Fail) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF_UuNoReply	hua_cell_rab_abnrel_ps_tab.x6eh5ltu4xbdwrywdhcfxv2vvr	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of PS domain RAB Release Triggered by RNC due to RF Loss(Failure in the Radio Interface Procedure) in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_RF	hua_cell_rab_abnrel_ps_tab.yhwocjgw2qcjxs6rkhlovkrn0k	INTEGER	#	Numbers of released RABs triggered by the RNC according to different RF reasons, Count of PS domain RAB Release	Sum	hucasebh, huctbh

				Triggered by RNC due to RF Loss in a cell		
VS_RAB_Loss_PS_SRBReset	hua_cell_rab_abnrel_ps_tab.ycu3p31y5qb2fbn4jol5dr6p2v	INTEGER	#	Numbers of released RABs triggered by the RNC due to signalling Radio Link Control (RLC) Reset according to different domains, Number of released CS RABs triggered by RNC due to signalling RLC reset in a cell	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_TRBReset	hua_cell_rab_abnrel_ps_tab.t1koso4c2tbvldvktimtyqn61k	INTEGER	#	Number of released PS RABs triggered by RNC due to traffic RLC reset in a cell.	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_UEGen_128K	hua_cell_rab_abnrel_ps_tab.uh2kkqxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of released PS RABs triggered by the RNC due to uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate = 128 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_UEGen_3	hua_cell_rab_abnrel_ps_tab.uh2kkr0iyy2ahdha0035x	INTEGER	#	Obsolete in release	Sum	hucasebh, huctbh

84K	kcuc6			Vn00R010. Number of released PS RABs triggered by the RNC due to uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate = 384 kbit/s)		
VS_RAB_Loss_PS_UEGen_64K	hua_cell_rab_abnrel_ps_tab.uh2kkr2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in release Vn00R010. Number of released PS RABs triggered by the RNC due to uplink signaling connection release in the best cell that belongs to the SRNC (Max DL bit rate = 64 kbit/s)	Sum	hucasebh, huctbh
VS_RAB_Loss_PS_UEGen	hua_cell_rab_abnrel_ps_tab.uh2kkqviyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS RABs triggered by the RNC due to uplink signaling connection release in the best cell that belongs to the	Sum	hucasebh, huctbh

				SRNC		
VS_RAB_RelAbnomalPS_CMB_Cell	hua_cell_rab_abnrel_ps_tab.rv545uwrorcd1r5v4r054446g2	INTEGER	#	Obsolete from UTRAN/V100V200R011:Numbers of CMB abnormal released RABs triggered by the RNC in a cell.	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_OM	hua_cell_rab_abnrel_ps_tab.xa2mfgyqp0b6hbay41gqq2y2ms	INTEGER	#	Numbers of released RABs triggered by the RNC in a cell according to different release causes.	Sum	hucasebh, huctbh
VS_RAB_RelReqPS_RABPreempt	hua_cell_rab_abnrel_ps_tab.tugkjkweqycrjtcbvu2apr0sw2	INTEGER	#	Numbers of released RABs triggered by the RNC in a cell according to different release causes.	Sum	hucasebh, huctbh

6.5.54 Cell.Huawei.UMTS.RAB_Abnorm_Release

RAB abnormal release measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CallDrop_AMR_BestCell	hua_cell_rab_abnrel_tab.ub2wgqtiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_CallDrop_PS_BestCell	hua_cell_rab_abnrel_tab.ub2wgqviyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_CallDrop_VP_BestCell	hua_cell_rab_abnrel_tab.ub2wgqxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:No	Sum	hucasebh, huctbh

				description.		
VS_CallNormalRel_AMR_BestCell	hua_cell_rab_abnrel_tab.ub2wgr0iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description.	Sum	hucasebh, huctbh
VS_CallNormalRel_PS_BestCell	hua_cell_rab_abnrel_tab.ub2wgr2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description.	Sum	hucasebh, huctbh
VS_CallNormalRel_VP_BestCell	hua_cell_rab_abnrel_tab.ub2wgr4iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description.	Sum	hucasebh, huctbh
VS_RAB_Loss_VP_LIMIT	hua_cell_rab_abnrel_tab.xlsnxmflui2aidkrb02ofawjhk	INTEGER	#	Number of normally released CS VP RABs triggered by RNC because VP is forbidden in target cell of SHO/HHO/Cell Update.	Sum	hucasebh, huctbh

6.5.55 Cell.Huawei.UMTS.RAB_Blocking_PS

RAB Blocking PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_Block_PS_Bkg_0_32	hua_cell_rab_block_ps_tab.rv1feluuaycdpsglihlgpeokru	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to	Sum	hucasebh, huctbh

				different traffic classes and different maximum DL bit rates, Background service 0 not more than Max DL bit rate not more than 32 kbps		
VS_RAB_Block_PS_Bkg_144_384	hua_cell_rab_block_ps_tab.son4piieqbbhlcajt1p11b3rcs	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Background service 144 less than Max DL bit rate not more than 384 kbps	Sum	hucasebh, huctbh
VS_RAB_Block_PS_Bkg_32_64	hua_cell_rab_block_ps_tab.xmuq6b165kcp6b50qyr5xqw0ty	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Background service 32 less than Max DL bit rate not more than 64 kbps	Sum	hucasebh, huctbh

VS_RAB_Block_PS_Bkg_64_144	hua_cell_rab_block_ps_tab.tjou3a61ykb30dt0grytnaun0y	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Background service 64 less than Max DL bit rate not more than 144 kbps	Sum	hucasebh, huctbh
VS_RAB_Block_PS_Conv_0_32	hua_cell_rab_block_ps_tab.rulfsgk110bgrbkqfqxcvr2ne1	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Conversational service 0 (Max DL bit rate (32 kbps))	Sum	hucasebh, huctbh
VS_RAB_Block_PS_Int_0_32	hua_cell_rab_block_ps_tab.s4d3xiqgnac5mslx6pe3p0rxg1	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and	Sum	hucasebh, huctbh

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				different maximum DL bit rates, Interactive service 0 not more than Max DL bit rate not more than 32 kbps		
VS_RAB_Block_PS_Int_144_384	hua_cell_rab_block_ps_tab.xmjqxwcdbrcqettflyn3k6pu4i	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Interactive service 0 not more than Max DL bit rate not more than 32 kbps	Sum	hucasebh, huctbh
VS_RAB_Block_PS_Int_32_64	hua_cell_rab_block_ps_tab.s3crnr32nibhqbu6omykin3ka5	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Interactive service 32 less than Max DL bit rate not more than 64 kbps	Sum	hucasebh, huctbh
VS_RAB_Bloc	hua_cell_rab_block_ps_tab	INTEG	#	Numbers of PS	Sum	hucasebh

k_PS_Int_64_144	.skqncvwjracd4b0200eshttg2k	ER		RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Interactive service 64 less than Max DL bit rate not more than 144 kbps		, huctbh
VS_RAB_Block_PS_Str_144_384	hua_cell_rab_block_ps_tab.sx6i4546nxbtccdrthamuko4aa	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Streaming service 144 less than Max DL bit rate not more than 384 kbps	Sum	hucasebh, huctbh
VS_RAB_Block_PS_Str_64_144	hua_cell_rab_block_ps_tab.u0v0u520xebilt63n65vs14bpw	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic	Sum	hucasebh, huctbh

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				classes and different maximum DL bit rates, Streaming service 64 less than Max DL bit rate not more than 144 kbps		
VS_RAB_BlockPS_BkgMor384	hua_cell_rab_block_ps_tab.ttgd5ts4kabrldgckytipgy1ht	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Background service 384 kbps less than Max DL bit rate	Sum	hucasebh, huctbh
VS_RAB_BlockPS_ConvMor32	hua_cell_rab_block_ps_tab.t6a4craekhc61s2vrksvpvlyjr	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Conversational service 32 kbps less than Max DL bit rate	Sum	hucasebh, huctbh
VS_RAB_BlockPS_IntMor384	hua_cell_rab_block_ps_tab.vnyfprml0dbkbdj1hg44tg0bq3	INTEGER	#	Numbers of PS RABs unsuccessfully established due	Sum	hucasebh, huctbh

				to congestion, according to different traffic classes and different maximum DL bit rates, Interactive service 384 kbps less than Max DL bit rate		
VS_RAB_BlockPS_StrMor384	hua_cell_rab_block_ps_tab.wb033dj3owbjqc2csmoym13uup	INTEGER	#	Numbers of PS RABs unsuccessfully established due to congestion, according to different traffic classes and different maximum DL bit rates, Streaming service 384 kbps less than Max DL bit rate	Sum	hucasebh, huctbh

6.5.56 Cell.Huawei.UMTS.RAB_CSQueueTime_Cell

RAB CS Queue Time data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_CSQueueTime_Con_Cell_CUM	hua_cell_rab_qtime_tab.xbcuhpdahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh

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VS_RAB_CSQueueTime_Con_Cell_SAMPLE	hua_cell_rab_qtime_tab.xbdwoadahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_RAB_CSQueueTime_Str_Cell_CUM	hua_cell_rab_qtime_tab.xbf1dixahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_RAB_CSQueueTime_Str_Cell_SAMPLE	hua_cell_rab_qtime_tab.xbg4hpdahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_RAB_Estab_CS_DCH_MaxTime	hua_cell_rab_qtime_tab.yearpmhupw2ahrhr0035xvpkr0	INTEGER	milliseconds	Maximum delay of RAB setup on DCH in the CS domain	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_CS_DCH_MeanTime	hua_cell_rab_qtime_tab.yearpmfupw2ahrhr0035xvpkr0	FLOAT	milliseconds	Mean delay of RAB setup on DCH in the CS domain	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.57 Cell.Huawei.UMTS.RAB_DCH_to_EDCH_Switch

RAB DCH to RAB EDCH switches

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DRD_RB_D2E_AttIn	hua_rabdchedch_tab.yearqarupw2ahrhr0035xvpkr0	INTEGER	#	Number of DCH to HSUPA DRDs into a cell. Number of radio bearer	Sum	hucasebh, huctbh

				setup/radio bearer reconfiguration messages sent to the UE, which indicates that the UE attempts to redirect to a target cell with the channel transformation type of "DCH to HSUPA".		
VS_DRD_RB_D2E_AttOut	hua_rabdchedch_tab.yearqanupw2ahrhr0035xvpkr0	INTEGER	#	Number of DCH to HSUPA DRDs out of a cell. Number of radio bearer setup/radio bearer reconfiguration messages sent to the UE, which indicates that the UE attempts to redirect to a target cell with the channel transformation type of "DCH to HSUPA".	Sum	hucasebh, huctbh
VS_DRD_RB_D2E_SuccIn	hua_rabdchedch_tab.yearqatupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful DCH to HSUPA DRDs into a cell	Sum	hucasebh, huctbh
VS_DRD_RB_D2E_SuccOut	hua_rabdchedch_tab.yearqapupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful DCH to HSUPA DRDs out of a cell	Sum	hucasebh, huctbh

6.5.58 Cell.Huawei.UMTS.RAB_Establish_Failure_CS

RAB Establish Failure CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_Block_CS_Conv_32_64	hua_cell_rab_estfail_cs_tab.uvn0qloqu6bqrcs4quru2jbntk	INTEGER	#	Obsolete in Vn00R010 release. Numbers of unsuccessful CS RAB setups due to congestion in each cell, Conversional service 32 less than Max DL bit rate (64 kbps)	Sum	hucasebh, huctbh
VS_RAB_FailEstab_CS_DLIUBBand_Cong	hua_cell_rab_estfail_cs_tab.yearpmjupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that fail to be set up in the CS domain with the failure cause of rejection by admission control due to downlink Iub bandwidth congestion	Sum	hucasebh, huctbh
VS_RAB_FailEstab_CS_ULIUBBand_Cong	hua_cell_rab_estfail_cs_tab.yearpmlupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that fail to be set up in the CS domain with the failure cause of rejection by admission control due to uplink Iub bandwidth congestion	Sum	hucasebh, huctbh
VS_RAB_FailEstabCS_Cong	hua_cell_rab_estfail_cs_tab.t6ljv4lvlvcwsceonk5xj56riv	INTEGER	#	Number of unsuccessful CS RAB setups due to congestion in each cell. This item includes VS.RAB.FailEstCs.Power.Cong, VS.RAB.FailEstCs.ULCE.Cong, VS.RAB.FailEstCs.DLCE.Cong, VS.RAB.FailEstCs.Cod	Sum	hucasebh, huctbh

				e.Cong and VS.RAB.FailEstCs.IUB.Band		
VS_RAB_FailEstabCS_RNL	hua_cell_rab_estfail_cs_tab.rkwusyplbfbbfsmlaq3gnbfb23	INTEGER	#	Number of unsuccessful CS RAB setups due to radio network layer cause in each cell. This item includes VS.RAB.FailEstCS.Relo, VS.RAB.FailEstCS.RIPFail and VS.RAB.FailEstCS.Unsp	Sum	hucasebh, huctbh
VS_RAB_FailEstabCS_TNL	hua_cell_rab_estfail_cs_tab.sfipqdbmptbsts3vewjug2ep0o	INTEGER	#	Number of unsuccessful CS RAB setups due to transport network layer cause in each cell.	Sum	hucasebh, huctbh
VS_RAB_FailEstCs_Code_Cong	hua_cell_rab_estfail_cs_tab.uk5ay350wqb1mb6fgx51wdaf1r	INTEGER	#	Numbers of CS RABs unsuccessfully established in a cell due to resource congestion causes.	Sum	hucasebh, huctbh
VS_RAB_FailEstCs_DLCE_Cong	hua_cell_rab_estfail_cs_tab.w2vtctuva0cfibrkbykgpn50gy	INTEGER	#	Numbers of CS RABs unsuccessfully established in a cell due to resource congestion causes.	Sum	hucasebh, huctbh
VS_RAB_FailEstCs_IUB_Band	hua_cell_rab_estfail_cs_tab.wclcfqgklecckt4jkx2s6biwbk	INTEGER	#	Obsolete in Vn00R010 release. Numbers of CS RABs unsuccessfully established in a cell due to resource congestion causes	Sum	hucasebh, huctbh
VS_RAB_FailEstCs_	hua_cell_rab_estfail_cs_tab.w3ugip6640cj5bcosovb	INTEGER	#	Numbers of CS RABs unsuccessfully	Sum	hucasebh, huctbh

Power_Cong	qo544k			established in a cell due to resource congestion causes		
VS_RAB_FailEstCS_Relo	hua_cell_rab_estfail_cs_tab.vfbd31h6j3cgwtu56n3eysoyqh	INTEGER	#	Number of CS RABs unsuccessfully established due to relocation triggered in a cell	Sum	hucasebh, huctbh
VS_RAB_FailEstCS_RIPFail	hua_cell_rab_estfail_cs_tab.wahepkdk3wbgntcaiypgiar0c	INTEGER	#	Number of unsuccessful CS RAB setups due to air interface cause in each cell	Sum	hucasebh, huctbh
VS_RAB_FailEstCs_ULCE_Cong	hua_cell_rab_estfail_cs_tab.svt2tgishxbske6oqg3pbuov1o	INTEGER	#	Numbers of CS RABs unsuccessfully established in a cell due to resource congestion causes	Sum	hucasebh, huctbh
VS_RAB_FailEstCS_Unsp	hua_cell_rab_estfail_cs_tab.vswgqlrfn5ctntskavsjryeqir	INTEGER	#	Number of unsuccessful CS RAB setups due to capability cause in each cell	Sum	hucasebh, huctbh

6.5.59 Cell.Huawei.UMTS.RAB_Establish_Failure_PS

RAB Establish Failure PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_FailEstab_PS_DLIUBBand_Cong	hua_cell_rab_estfail_ps_tab.yearpmvupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that fail to be set up in the PS domain with the failure cause of rejection by admission control due to downlink Iub bandwidth congestion	Sum	hucasebh, huctbh

VS_RAB_FailEstab_PS_ULIUBBand_Cong	hua_cell_rab_estfail_ps_tab.yearpmxupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that fail to be set up in the PS domain with the failure cause of rejection by admission control due to uplink Iub bandwidth congestion	Sum	hucasebh, huctbh
VS_RAB_FailEstPs_Code_Cong	hua_cell_rab_estfail_ps_tab.sineqvtg31bgxcfdgp4f2gq22w	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different Radio Resource Congestion causes.	Sum	hucasebh, huctbh
VS_RAB_FailEstPs_DLCE_Cong	hua_cell_rab_estfail_ps_tab.ysstdpj64ub6puu2sa6qaxeuxs	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different Radio Resource Congestion causes.	Sum	hucasebh, huctbh
VS_RAB_FailEstPs_IUB_Band	hua_cell_rab_estfail_ps_tab.td1uc1ijxccmmegdt2ph0y5udq	INTEGER	#	Obsolete in release Vn00R010. Numbers of PS RABs unsuccessfully established in a cell due to different Radio Resource	Sum	hucasebh, huctbh

				Congestion causes.		
VS_RAB_FailEstPS_NResAvail	hua_cell_rab_estfail_ps_tab.vp1jd3ab33ceab2p0ooxtjgvb0	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS Domain RABs unsuccessfully established due to No Resource Available	Sum	hucasebh, huctbh
VS_RAB_FailEstPS_Par	hua_cell_rab_estfail_ps_tab.vk661qlfghbynepgrhjeo1a1jd	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes,	Sum	hucasebh, huctbh
VS_RAB_FailEstPs_Power_Cong	hua_cell_rab_estfail_ps_tab.sfs40ai03kbfvdfqjt6qjnuhav	INTEGER	#	Numbers of PS RABs unsuccessfully established due to No Resource Available because of power	Sum	hucasebh, huctbh
VS_RAB_FailEstPS_Relo	hua_cell_rab_estfail_ps_tab.y4ncxjce3xcimefrc1kllu ad6t	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS RABs unsuccessfully established due to Relocation Triggered	Sum	hucasebh, huctbh

VS_RAB_FailEstPS_RIPFail	hua_cell_rab_estfail_ps_tab.ruhxgksonfciieqn214oiofg2y	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS RABs unsuccessfully established due to Radio Interface, including the cause values below: Failure in the Radio Interface Procedure	Sum	hucasebh, huctbh
VS_RAB_FailEstPS_RNL	hua_cell_rab_estfail_ps_tab.rx6g10hkeuc3armdqg2vdx03qx	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS Domain RABs unsuccessfully established due to Radio Network Layer	Sum	hucasebh, huctbh
VS_RAB_FailEstPS_TNL	hua_cell_rab_estfail_ps_tab.w2dk4n1srtc6mcaj01kxgardq3	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS	Sum	hucasebh, huctbh

				Domain RABs unsuccessfully established due to Transmission Network Layer		
VS_RAB_FailEstPs_ULCE_Cong	hua_cell_rab_estfail_ps_tab.ve3s1ic1m6b11car32b5jtn6dv	INTEGER	#	Numbers of PS RABs unsuccessfully established due to No Resource Available because of uplink cell	Sum	hucasebh, huctbh
VS_RAB_FailEstPS_Unsp	hua_cell_rab_estfail_ps_tab.yeelvywqhvbcge1lya14ok5nto	INTEGER	#	Numbers of PS RABs unsuccessfully established in a cell due to different causes, Numbers of PS RABs unsuccessfully established due to UTRAN capability not supported, including the cause values below: Requested Traffic Class not Available, Requested Maximum Bit Rate not Available, Requested Maximum Bit Rate for DL not Available, Requested Maximum Bit Rate for UL not Available,	Sum	hucasebh, huctbh

				Requested Guaranteed Bit Rate not Available, Requested Guaranteed Bit Rate for DL not Available, Requested Guaranteed Bit Rate for UL not Available, Requested Transfer Delay not Achievable		

6.5.60 Cell.Huawei.UMTS.RAB_Establishment_AMR_WB

RAB establishment AMR WB data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstab_AMRWB	100 * {VS_RAB_SuccEstab_AMRWB}/ {VS_RAB_AttEstabCS_AMRWB}	FLOAT	%	Percentage of AMRWB RABs successfully established in a cell.	Average	hucasebh, huctbh
VS_RAB_AttEstabCS_AMRWB	hua_cell_rab_est_amrwb_tab.uh2kkpjiyy2ahdha0035xkcuc6	INTEGER	#	Number of AMRWB RABs requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstab_AMRWB	hua_cell_rab_est_amrwb_tab.uh2kkr4iyy2ahdha0035xkcuc6	INTEGER	#	Number of AMRWB RABs successfully	Sum	hucasebh, huctbh

				established in a cell.		

6.5.61 Cell.Huawei.UMTS.RAB_Establishment_AMR

RAB Establishment AMR data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstab_AMR	100 * {VS_RAB_SuccEstab_AMR}/ {VS_RAB_AttEstab_AMR}	FLOAT	%	Percentage CS RABs of different traffic classes successfully established in a cell.	Average	hucasebh, huctbh
VS_RAB_AttEstab_AMR	hua_cell_rab_est_amr_tab.x0q64h4h0pbqxe54qokyf0rdn5	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttEstabCS_AMR_12_2	hua_cell_rab_est_amr_tab.xtgsjucpg2brut0166gdrwecda	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a best cell.	Sum	hucasebh, huctbh
VS_RAB_AttEstCS_AMR_4_75	hua_cell_rab_est_amr_tab.ujfd3n6t03brlsg3m26tnotuam	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a best cell.	Sum	hucasebh, huctbh
VS_RAB_AttEstCS_AMR_5_9	hua_cell_rab_est_amr_tab.snr1rahifsbjwt04gqtqmsrmkc	INTEGER	#	Numbers of CS RABs of different traffic classes	Sum	hucasebh, huctbh

				requested to establish in a best cell.		
VS_RAB_AttEstCS_AMR_7_95	hua_cell_rab_est_amr_tab.yloor1jb35chwsd4ypupbpbyjl	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a best cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstab_AMR	hua_cell_rab_est_amr_tab.xpg1cfju5dcpysre0bp0jpdjq5	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstabCS_AMR_12_2	hua_cell_rab_est_amr_tab.xitx4tyhlsbpkdj6fpgessuqwu	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a best cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstCS_AMR_4_75	hua_cell_rab_est_amr_tab.u4l6ttfefeck3rlqubaidq1y6p	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a best cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstCS_AMR_5_9	hua_cell_rab_est_amr_tab.vw0vhvt3wdb2ft4nnjtndo1ft4	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a best cell.	Sum	hucasebh, huctbh

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VS_RAB_SuccEstCS_AMR_7_95	hua_cell_rab_est_amr_tab.ucgtr1d3ulcideokia5m1pwjbc	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a best cell.	Sum	hucasebh, huctbh

6.5.62 Cell.Huawei.UMTS.RAB_Establishment_CCH

RAB Establishment CCH data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_AttConnEstab_EFACH	hua_cell_rab_est_cch_tab.xlsnycrlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of requests for the RRC connection that the RNC decides to set up on the EFACH in a cell after the RNC receives an RRC CONNECTION REQUEST message from the UE.	Sum	hucasebh, huctbh
RRC_ConnEstabTime_CCH_FACH_Cum	hua_cell_rab_est_cch_tab.xlsnyd0lui2aidkrb02ofawjhk	INTEGER	ms	VS RRC ConnEstabTime CCH FACH Cum	Sum	hucasebh, huctbh
RRC_ConnEstabTime_CCH_FACH_Sample	hua_cell_rab_est_cch_tab.xlsnyd2lui2aidkrb02ofawjhk	INTEGER	#	VS RRC ConnEstabTime CCH FACH Sample	Sum	hucasebh, huctbh
RRC_ConnEstabTime_CCH_HSDSC	hua_cell_rab_est_cch_tab.xlsnyd4lui2aidkrb02of	INTEGER	ms	VS RRC ConnEstabTim	Sum	hucasebh, huctbh

H_Cum	awjhk			e CCH HSDSCH Cum		
RRC_ConnEstabTime_CCH_HSDSCH_Sample	hua_cell_rab_est_cch_tab.xlsnyd6lui2aidkrb02ofawjhk	INTEGER	#	VS RRC ConnEstabTime CCH HSDSCH Sample	Sum	hucasebh, huctbh
RRC_ConnEstabTimeMax_CCH_FACH	hua_cell_rab_est_cch_tab.xlsnycvlui2aidkrb02ofawjhk	INTEGER	ms	Maximum delay of the RRC signaling on the FACH in a cell	Sum	hucasebh, huctbh
RRC_ConnEstabTimeMax_CCH_HSDSCH	hua_cell_rab_est_cch_tab.xlsnycxlui2aidkrb02ofawjhk	INTEGER	ms	Maximum delay of the RRC signaling on the EFACH in a cell	Sum	hucasebh, huctbh
RRC_SuccConEst_EFACH	hua_cell_rab_est_cch_tab.xlsnyctlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of successful RRC connection setups on the EFACH.	Sum	hucasebh, huctbh
VS_MAC_CRNCIubBytesEFACH_Tx	hua_cell_rab_est_cch_tab.xlsnye4lui2aidkrb02ofawjhk	INT8	bytes	This measurement counter provides the number of downlink MAC PDU bytes sent by the CRNC on the EFACH over the Iub interface in a	Sum	hucasebh, huctbh

				cell.		
VS_RAB_Abnorm_Rel_PS_EFACH	hua_cell_rab_est_cch_tab.xlsnydrlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of abnormally released PS RABs on the EFACH in the best cell.	Sum	hucasebh, huctbh
VS_RAB_AttEstPS_EFACH	hua_cell_rab_est_cch_tab.xlsnydblui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of attempts of PS RAB setup on the EFACH when the best cell is under the SRNC.	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_CCH_FACH_Cum	hua_cell_rab_est_cch_tab.xlsnydjlui2aidkrb02ofawjhk	INTEGER	ms	VS RAB Estab PS CCH FACH Cum	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_CCH_FACH_MaxTime	hua_cell_rab_est_cch_tab.xlsnydflui2aidkrb02ofawjhk	INTEGER	ms	Maximum delay of the PS RAB setup on the FACH in a cell	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_CCH_FACH_MeanTime	hua_cell_rab_est_cch_tab.xlsnye0lui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of the PS RAB setup on the FACH in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_PS_CCH_FACH_Sample	hua_cell_rab_est_cch_tab.xlsnydllui2aidkrb02ofawjhk	INTEGER	#	VS RAB Estab PS CCH FACH Sample	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_CCH_HSDSCH_Cum	hua_cell_rab_est_cch_tab.xlsnydnlui2aidkrb02ofawjhk	INTEGER	ms	VS RAB Estab PS CCH HSDSCH Cum	Sum	hucasebh, huctbh

VS_RAB_Estab_PS_CCH_HSDSCH_MaxTime	hua_cell_rab_est_cch_tab.xlsnydhlui2aidkrb02ofawjhk	INTEGER	ms	Maximum delay of the PS RAB setup on the EFACH in a cell	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_CCH_HSDSCH_MeanTime	hua_cell_rab_est_cch_tab.xlsnye2lui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of the PS RAB setup on the EFACH in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_PS_CCH_HSDSCH_Sample	hua_cell_rab_est_cch_tab.xlsnydplui2aidkrb02ofawjhk	INTEGER	#	VS RAB Estab PS CCH HSDSCH Sample	Sum	hucasebh, huctbh
VS_RAB_Norm_Rel_PS_EFACH	hua_cell_rab_est_cch_tab.xlsnydtlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of normally released PS RABs on the EFACH in the best cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEst PS_EFACH	hua_cell_rab_est_cch_tab.xlsnyddlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of successful PS RAB setups on the EFACH when the best cell is under the SRNC.	Sum	hucasebh, huctbh
VS_RRC_ConnEstabTimeMean_CCH_FACH	hua_cell_rab_est_cch_tab.xlsnydvlui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of the RRC signaling on	Average	hucasebh, huctbh, Sum,

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				the FACH in a cell		Minimum, Maximum
VS_RRC_ConnEstabTimeMean_CCH_HSDSCH	hua_cell_rab_est_cch_tab.xlsnydxlui2aidkrb02ofawjhk	FLOAT	ms	Mean delay of the RRC signaling on the EFACH in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.63 Cell.Huawei.UMTS.RAB_Establishment_CS_Conv

RAB Establishment CS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabCS_Conv	100 * {VS_RAB_SuccEstabCS_Conv}/ {VS_RAB_AttEstabCS_Conv}	FLOAT	%	Percentage CS RABs of different traffic classes successfully established in a cell.	Average	hucasebh, huctbh
HSPA_UE_Mean_CS_Conv_Cell_V100	hua_cell_rab_est_csconv_tab.xlsnxldlui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900 R011:This is applicable for V100R011. The measurement counter provides the average number of CS Over HSPA in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSPA_UE_Mean_CS_Conv_Cell_V200	hua_cell_rab_est_csconv_tab.xlsnxlblui2aidkrb02ofawjhk	FLOAT	#	This is applicable for V200R011. The measurement counter provides the	Average	hucasebh, huctbh, Sum, Minimum, Maximu

				average number of CS Over HSPA in a cell.		m
VS_HSPA_RAB_AttEstab_CS_Conv	hua_cell_rab_est_csconv_tab.xlsnxlnlui2aidkrb02ofawjhk	INTEGER	#	Number of CS over HSPA RAB Assignment RAB Setup in the best cell.	Sum	hucasebh, huctbh
VS_HSPA_RAB_SuccEstab_CS_Conv	hua_cell_rab_est_csconv_tab.xlsnxlplui2aidkrb02ofawjhk	INTEGER	#	Number of CS over HSPA RAB Assignment RAB Successfully Setup in the best cell.	Sum	hucasebh, huctbh
VS_RAB_AttEsCSQueue_Con_Cell	hua_cell_rab_est_csconv_tab.yimgswkxy4b44cj4a5akvkj6rs	INTEGER	#	Numbers of CS RAB setup queuing requests during RAB assignment, Number of CS RAB Setup Queuing Requests for Conversational Service (Cell)	Sum	hucasebh, huctbh
VS_RAB_AttEstabCS_Conv	hua_cell_rab_est_csconv_tab.tgy25034bcbgccdhx3dccnwoqs	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttEstCS_Conv_64	hua_cell_rab_est_csconv_tab.uefirwexeibktuntxstu2	INTEGER	#	Numbers of CS RABs of	Sum	hucasebh, huctbh

	2hfqh			different traffic classes requested to establish in a cell.		
VS_RAB_SuccEstabCS_Conv_32	hua_cell_rab_est_csconv_tab.ylgbism505be1ugkow0ij0ukpn	INTEGER	#	Obsolete from UTRAN/V900 R011:Numbers of CS RABs successfully established, Conversational Service Max DL bit rate is 32 kbps	Sum	hucasebh, huctbh
VS_RAB_SuccEstabCS_Conv	hua_cell_rab_est_csconv_tab.r2glpkkxfsbrcraigilfmyatap	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstCS_Conv_64	hua_cell_rab_est_csconv_tab.ujw6qd0ujhb3drjyloifwuivwh	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh

6.5.64 Cell.Huawei.UMTS.RAB_Establishment_CS_Stream

RAB Establishment CS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabCS_Str	100 * {VS_RAB_SuccEstabCS_Str}/ {VS_RAB_AttEstabCS_Str}	FLOAT	%	Percentage successful CS RABs of different traffic classes successfully	Average	hucasebh, huctbh

				established in a cell.		
VS_RAB_AttEstabCS_Str	hua_cell_rab_est_cs_str_tab.vb2si6jqyic5ttrwas6cewjqaa	INTEGER	#	Numbers of CS RABs of different traffic classes requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstabCS_Str	hua_cell_rab_est_cs_str_tab.rtrdk56gx4b5grrdjlfr1nrwsx	INTEGER	#	Numbers of the CS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh

6.5.65 Cell.Huawei.UMTS.RAB_Establishment_CS

RAB Establishment CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_AttEstabCS_VP_LIMIT	hua_cell_rab_est_cs_tab.xlsnxlrlui2aidkrb02ofawjhk	INTEGER	#	This measurement item takes statistics of the time of released RAB of 0kbps for failed to rate up in the best cell.	Sum	hucasebh, huctbh

6.5.66 Cell.Huawei.UMTS.RAB_Establishment_DCH

RAB Establishment DCH data

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_RAB_Estab_CS_DCH_Cum	hua_cell_rab_est_dch_tab.xlsnxljlui2aidkrb02ofawjhk	INTEGER	#	VS RAB Estab CS DCH Cum	Sum	hucasebh, huctbh
VS_RAB_Estab_CS_DCH_Sample	hua_cell_rab_est_dch_tab.xlsnxlllui2aidkrb02ofawjhk	INTEGER	#	VS RAB Estab CS DCH Sample	Sum	hucasebh, huctbh

6.5.67 Cell.Huawei.UMTS.RAB_Establishment_PS_Bkg

RAB Establishment PS Background data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabPS_Bkg	100 * {VS_RAB_SuccEstabPS_Bkg}/ {VS_RAB_AttEstabPS_Bkg}	FLOAT	%	Numbers of PS RABs of different traffic classes successfully established in a cell.	Average	hucasebh, huctbh
VS_RAB_Att_Est_PS_Bkg_0_32	hua_cell_rab_est_ps_bkg_tab.xv1ppr2i1pcios5o3ccyfyy5sg	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for background services (0 (Max DL bit rate (32 kbps)))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Bkg_144384	hua_cell_rab_est_ps_bkg_tab.ydymgpgjn3clmde5c1upu4lmxh	INTEGER	#	Numbers of PS RABs requested to establish in the Cell,	Sum	hucasebh, huctbh

				Number of PS RABs requested to establish for background services (144 kbps less than Max DL bit rate (384 kbps))		
VS_RAB_Att_Est_PS_Bkg_32_64	hua_cell_rab_est_ps_bkg_tab.yxcgsqiam3bl4e4sapr3qynpv2	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for background services (32 kbps less than Max DL bit rate (64 kbps))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Bkg_64_144	hua_cell_rab_est_ps_bkg_tab.w3vlklnmkvbrveuj66edo6e0vk	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for background services (64 kbps less than Max DL bit rate (144 kbps))	Sum	hucasebh, huctbh

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VS_RAB_Att_Est_PS_Bkg_Mor384	hua_cell_rab_est_ps_bkg_tab.ytaq3sj5vpcy6rrpbk63mw36wa	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for background services (384 kbps less than Max DL bit rate)	Sum	hucasebh, huctbh
VS_RAB_AttEsPSQueue_Bkg_Cell	hua_cell_rab_est_ps_bkg_tab.y3mt3gmb1vbmvd0amjg6ducm3g	INTEGER	#	Numbers of PS RAB setup queuing requests during RAB assignment,Number of PS RAB Setup Queuing Requests for Background Service (Cell)	Sum	hucasebh, huctbh
VS_RAB_AttEstabPS_Bkg	hua_cell_rab_est_ps_bkg_tab.tayjxb1hmgckld3awgb3wtgkme	INTEGER	#	Numbers of PS RABs of different traffic classes requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_PSQueueTime_Bkg_Cell	hua_cell_rab_est_ps_bkg_tab.rfaops542ucarsukvb6orh0hu4	FLOAT	milliseconds	Average queuing duration of PS RABs, Average queuing duration of PS RABs for background service (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_RAB_Suc_Est_PS_Bkg_0_32	hua_cell_rab_est_ps_bkg_tab.rddweywradcburswc3145fy0ub	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for background services (0 less than Max DL bit rate (32 kbps))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Bkg_144384	hua_cell_rab_est_ps_bkg_tab.rvbyrp3ukobheu4xcbb2qxkn5d	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for background services (144 kbps less than Max DL bit rate (384 kbps))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Bkg_32_64	hua_cell_rab_est_ps_bkg_tab.vs3n26mh2pc3dbfbmjwhdwwrm2	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established	Sum	hucasebh, huctbh

				for background services (32 kbps less than Max DL bit rate (64 kbps))		
VS_RAB_Suc_Est_PS_Bkg_64_144	hua_cell_rab_est_ps_bkg_tab.yau2gx6jhubxcrfw600ktvivor	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for background services (64 kbps less than Max DL bit rate (144 kbps))	Sum	hucasebh, huctbh
VS_RAB_SuccEstabPS_Bkg_Rate	hua_cell_rab_est_ps_bkg_tab.xlsnxm6lui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:VS RAB SuccEstabPS Bkg Rate	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_SuccEstabPS_Bkg	hua_cell_rab_est_ps_bkg_tab.uoi2x502aucp4teny2q6mardxn	INTEGER	#	Numbers of PS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh
VS_RAB_SucEstPS_BkgMor384	hua_cell_rab_est_ps_bkg_tab.vkyavwtpf0crlsj12hu3ntsk1y	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of	Sum	hucasebh, huctbh

				PS RABs successfully established for background services (384 kbps less than Max DL bit rate)		

6.5.68 Cell.Huawei.UMTS.RAB_Establishment_PS_Conv

RAB Establishment PS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabPS_Conv	100 * {VS_RAB_SuccEstabPS_Conv}/ {VS_RAB_AttEstabPS_Conv}	FLOAT	%	Percentage PS RABs of different traffic classes successfully established in a cell.	Average	hucasebh, huctbh
VS_RAB_AttEsPSQueue_Con_Cell	hua_cell_rab_est_ps_cv_tab.r6qmvpkix5cvrbay526wdpntpe	INTEGER	#	Numbers of PS RAB setup queuing requests during RAB assignment, Number of PS RAB Setup Queuing Requests for Conversational Service (Cell)	Sum	hucasebh, huctbh
VS_RAB_AttEstabPS_Conv	hua_cell_rab_est_ps_cv_tab.xahtljluw1cxedgrbf0dob	INTEGER	#	Numbers of PS RABs of	Sum	hucasebh, huctbh

	gqxb			different traffic classes requested to establish in a cell.		
VS_RAB_PSQueueTime_Bkg_Cell_CUM	hua_cell_rab_est_ps_cv_tab.ufn4jndclwcybssbavg4a53555	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for background service (Cell). Cumulative value.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Bkg_Cell_SAMPLE	hua_cell_rab_est_ps_cv_tab.rlh2uiegpic1qci25x50cqyxbe	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for background service (Cell). Sample value	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Con_Cell_CUM	hua_cell_rab_est_ps_cv_tab.wxwl12lpgybi0te11njuba6chm	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for conversational service (Cell).	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				Cumulative value		
VS_RAB_PSQueueTime_Con_Cell_SAMPLE	hua_cell_rab_est_ps_cv_tab.tqwbwdv3eictmbpdlp5vfwpjo6	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for conversational service (Cell). Sample value	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Con_Cell	hua_cell_rab_est_ps_cv_tab.wwxyb41k0ic4hb0343gmhxfqcu	FLOAT	milliseconds	Average queuing duration of PS RABs, Average queuing duration of PS RABs for conversational service (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Int_Cell_CUM	hua_cell_rab_est_ps_cv_tab.xnedyh6d0rb1lu42skumeyhpy5	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for interactive service (Cell). Cumulative value.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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VS_RAB_PSQueueTime_Int_Cell_SAMPLE	hua_cell_rab_est_ps_cv_tab.twnkwu6h3icmmuoblbvm1o6li6	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for interactive service (Cell). Sample value	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Str_Cell_CUM	hua_cell_rab_est_ps_cv_tab.vpijbgb4rgcrabs3ky0nw2ais2	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for streaming service (Cell). Cumulative value	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_PSQueueTime_Str_Cell_SAMPLE	hua_cell_rab_est_ps_cv_tab.yt5qo34ltnbigs6otexn3qjte0	FLOAT	#	Obsolete from UTRAN/V900R011:Average queuing duration of PS RABs, Average queuing duration of PS RABs for streaming service (Cell). Sample value	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_SuccEstabPS_Conv_Rate	hua_cell_rab_est_ps_cv_tab.xlsnxm0lui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:VS RAB	Average	hucasebh, huctbh, Sum, Minimu

				SuccEstabPS Conv Rate		m, Maximum
VS_RAB_SuccEstabPS_Conv	hua_cell_rab_est_ps_cv_tab.y3s3flvkvkc5xdqapg1t5qieft	INTEGER	#	Numbers of PS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh

6.5.69 Cell.Huawei.UMTS.RAB_Establishment_PS_DCH

RAB Establishment PS DCH data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_Estab_PS_DCH_Cum	hua_cell_rab_est_ps_dch_tab.xlsnxltlui2aidkrb02ofawjhk	INTEGER	ms	VS RAB Estab PS DCH Cum	Sum	hucasebh, huctbh
VS_RAB_Estab_PS_DCH_Sample	hua_cell_rab_est_ps_dch_tab.xlsnxlvlui2aidkrb02ofawjhk	INTEGER	#	VS RAB Estab PS DCH Sample	Sum	hucasebh, huctbh

6.5.70 Cell.Huawei.UMTS.RAB_Establishment_PS_Global

RAB Establishment PS Global data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabPS_CMB_Cell	100 * {VS_RAB_SuccEstabPS_CMB_Cell}/ {VS_RAB_AttEstabPS_CMB_Cell}	FLOAT	%	Obsolete from UTRAN/V100V200R011:Percentage CMB RABs successfully	Average	hucasebh, huctbh

				established in a cell.		
VS_RAB_AttEstabPS_CMB_Cell	hua_cell_rab_est_ps_gl_tab.xbhvxmhahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of CMB RABs requested to establish.	Sum	hucasebh, huctbh
VS_RAB_AttEstPS_128	hua_cell_rab_est_ps_gl_tab.rnbjsbh0w3c63bx0k0lvgldnf3	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish (Max DL bit rate = 128 kbps)	Sum	hucasebh, huctbh
VS_RAB_AttEstPS_384	hua_cell_rab_est_ps_gl_tab.wtjyracrrxcfbbvdsygvqscb6k	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish (Max DL bit rate = 384 kbps)	Sum	hucasebh, huctbh
VS_RAB_AttEstPS_64	hua_cell_rab_est_ps_gl_tab.w40b40m641bawbfh10g2jh1mut	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs requested to establish in the Cell, Number	Sum	hucasebh, huctbh

				of PS RABs requested to establish (Max DL bit rate = 64 kbps)		
VS_RAB_CCH_Max	hua_cell_rab_est_ps_gl_tab.s2o3obgbutbosrtj0vmohvgqid	INTEGER	#	Obsolete in Vn00R010 release. Maximum numbers of RABs established on CCH in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_CCH_Mean	hua_cell_rab_est_ps_gl_tab.rc6npf1wducyicd5fqt6m2lph1	FLOAT	#	Obsolete in Vn00R010 release. Mean numbers of RABs established on CCH in a cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_CCH_Min	hua_cell_rab_est_ps_gl_tab.vbjpb61nkxbnprcksfsk1dihqy	INTEGER	#	Obsolete in Vn00R010 release. Minimum numbers of RABs established on CCH in a cell.	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_DCH_Max	hua_cell_rab_est_ps_gl_tab.wshvfu142qbuqd61nvgm5o2fih	INTEGER	#	Obsolete in Vn00R010 release. Maximum numbers of RABs established on DCH in a cell in a measurement period.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum

VS_RAB_Dch_Mean	hua_cell_rab_est_ps_gl_tab.ubhlatbne1bl2baowgtsbcwmwn	FLOAT	#	Obsolete in Vn00R010 release. Mean numbers of RABs established on DCH in a cell in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_DCH_Min	hua_cell_rab_est_ps_gl_tab.t0o3qbjoulc31exyuxx0mocumk	INTEGER	#	Obsolete in Vn00R010 release. Minimum numbers of RABs established on DCH in a cell in a measurement period.	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_PS_CCH_MaxTime	hua_cell_rab_est_ps_gl_tab.yearpmtupw2ahrhr0035xvpkr0	INTEGER	milliseconds	Obsolete from UTRAN/V100V200R011:Maximum delay of RAB setup on CCH in the PS domain	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_PS_CCH_MeanTime	hua_cell_rab_est_ps_gl_tab.yearpmpupw2ahrhr0035xvpkr0	FLOAT	milliseconds	Obsolete from UTRAN/V100V200R011:Mean delay of RAB setup on CCH in the PS domain	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Estab_PS_DCH_MaxTime	hua_cell_rab_est_ps_gl_tab.yearpmrupw2ahrhr0035xvpkr0	INTEGER	milliseconds	Maximum delay of RAB setup on DCH in the PS domain	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Est	hua_cell_rab_est_ps_gl_ta	FLOA	millisec	Mean delay of	Average	hucasebh

ab_PS_DCH_MeanTime	b.yearpmnupw2ahrhr0035xvpkr0	T	onds	RAB setup on DCH in the PS domain		, huctbh, Sum, Minimum, Maximum
VS_RAB_Suc_Est_PS_0kbps	hua_cell_rab_est_ps_gl_tab.xlsnxlxlui2aidkrb02ofawjhk	INTEGER	#	UE establishes with 0kbps even when resource is limited. This measurement item takes statistics of the time of RAB establisted successfully with 0kbps in the best cell.	Sum	hucasebh, huctbh
VS_RAB_SuccEstabPS_CMB_Cell	hua_cell_rab_est_ps_gl_tab.xbkpcf2ahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of successfully established CMB RABs.	Sum	hucasebh, huctbh
VS_RAB_SuccEstPS_128	hua_cell_rab_est_ps_gl_tab.t2khcxsodhcb4rf0gbl0wnqwdh	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs successfully established in the Cell. Number of PS RABs successfully established (Max DL bit rate = 128	Sum	hucasebh, huctbh

				kbps)		
VS_RAB_SuccEstPS_384	hua_cell_rab_est_ps_gl_tab.t2kvvlfr24bd0upsdr1yeiydoa	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs successfully established in the Cell. Number of PS RABs successfully established (Max DL bit rate = 384 kbps)	Sum	hucasebh, huctbh
VS_RAB_SuccEstPS_64	hua_cell_rab_est_ps_gl_tab.xj0t51seiychusok1rm1stcwjl	INTEGER	#	Obsolete in Vn00R010 release. Numbers of PS RABs successfully established in the Cell. Number of PS RABs successfully established (Max DL bit rate = 64 kbps)	Sum	hucasebh, huctbh

6.5.71 Cell.Huawei.UMTS.RAB_Establishment_PS_Inter

RAB Establishment PS Interactive data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabPS_Inter	100 * {VS_RAB_SuccEstabPS_Inter}/ {VS_RAB_AttEstabPS_Inter}	FLOAT	%	Percentage PS RABs of different traffic classes successfully established in	Average	hucasebh, huctbh

				a cell.		
VS_RAB_Att_Est_PS_Int_0_32	hua_cell_rab_est_ps_int_tab.uptwkbkcuhcireyloji603oo02	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for interactive services (0 (Max DL bit rate (32 kbps)))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Int_144384	hua_cell_rab_est_ps_int_tab.shph4ufrl2b2fdju5tdi6ejwuk	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for interactive services (144 kbps less than Max DL bit rate (384 kbps))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Int_32_64	hua_cell_rab_est_ps_int_tab.wqlogchgc0c1tbugdnut3142y2	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for interactive	Sum	hucasebh, huctbh

				services (32 kbps less than Max DL bit rate (64 kbps))		
VS_RAB_Att_Est_PS_Int_64_144	hua_cell_rab_est_ps_int_tab.t5bu36whlob3bulig45vtyh5q3	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for interactive services (64 kbps less than Max DL bit rate (144 kbps))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Int_Mor384	hua_cell_rab_est_ps_int_tab.segv4k5gj5bdvscduu3pfbjxs2	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for interactive services (384 kbps less than Max DL bit rate)	Sum	hucasebh, huctbh
VS_RAB_AttEsPSQueue_Int_Cell	hua_cell_rab_est_ps_int_tab.vhyp516txqbdnse2aid5r40owy	INTEGER	#	Numbers of PS RAB setup queuing requests during RAB assignment, Number of PS RAB Setup Queuing Requests for	Sum	hucasebh, huctbh

				Interactive Service (Cell)		
VS_RAB_AttEstabPS_Inter	hua_cell_rab_est_ps_int_tab.vaseicojtobxsexvqrlgonpd54	INTEGER	#	Numbers of PS RABs of different traffic classes requested to establish in a cell.	Sum	hucasebh, huctbh
VS_RAB_PSQueueTime_Int_Cell	hua_cell_rab_est_ps_int_tab.tuyvglpvo2bwwe6n2u3s1x00pb	FLOAT	milliseconds	Average queuing duration of PS RABs, Average queuing duration of PS RABs for interactive service (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Suc_Est_PS_Int_0_32	hua_cell_rab_est_ps_int_tab.t3es2punh5ccgrp0ejjkppdqv0	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for interactive services (0 (Max DL bit rate (32 kbps)))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Int_144384	hua_cell_rab_est_ps_int_tab.sgorhkbovgb6yrbcqnx3s2ojpx	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS	Sum	hucasebh, huctbh

				RABs successfully established for interactive services (144 kbps less than Max DL bit rate (384 kbps))		
VS_RAB_Suc_Est_PS_Int_32_64	hua_cell_rab_est_ps_int_tab.tjbdhgdq6xcveerkvt1iypmj55	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for interactive services (32 kbps less than Max DL bit rate (64 kbps))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Int_64_144	hua_cell_rab_est_ps_int_tab.st61uwxdcvc5sbhyd0viqlkuso	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for interactive services (64 kbps less than Max DL bit rate (144 kbps))	Sum	hucasebh, huctbh
VS_RAB_SuccEstabPS_Inter_Rate	hua_cell_rab_est_ps_int_tab.xlsnxm4lui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:VS RAB SuccEstabPS	Average	hucasebh, huctbh, Sum, Minimum,

				Inter Rate		Maximum
VS_RAB_SuccEstabPS_Inter	hua_cell_rab_est_ps_int_tab.smcw2nn0isclprgpsmalactdlx	INTEGER	#	Numbers of PS RABs of different traffic classes successfully established in a cell.	Sum	hucasebh, huctbh
VS_RAB_SucEstPS_IntMor384	hua_cell_rab_est_ps_int_tab.wow5cqa0h1cvkbiwrqvbvc2hud	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for interactive services (384 kbps less than Max DL bit rate)	Sum	hucasebh, huctbh

6.5.72 Cell.Huawei.UMTS.RAB_Establishment_PS_Stream

RAB Establishment PS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccEstabPS_Str	100 * {VS_RAB_SuccEstabPS_Str}/ {VS_RAB_AttEstabPS_Str}	FLOAT	%	Percentage PS RABs of different traffic classes successfully established in a cell	Average	hucasebh, huctbh
VS_RAB_Att_	hua_cell_rab_est_ps_str_ta	INTEG	#	Numbers of	Sum	hucasebh

Est_PS_Str_0_32	b.y2v0fjreosbmxtt2c5pfw5e2or	ER		PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for streaming services (0 (Max DL bit rate (32 kbps)))		, huctbh
VS_RAB_Att_Est_PS_Str_144384	hua_cell_rab_est_ps_str_tab.unfg3lk406c0jrmvvt1mpwopk1	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for streaming services (144 kbps less than Max DL bit rate (384 kbps))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Str_32_64	hua_cell_rab_est_ps_str_tab.x4ychci5sxbrrrddk2og520nox	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for streaming services (32 (Max DL bit rate (64 kbps)))	Sum	hucasebh, huctbh
VS_RAB_Att_Est_PS_Str_64	hua_cell_rab_est_ps_str_tab.truxogfu4sc54bf0cf4wdr	INTEGER	#	Numbers of PS RABs	Sum	hucasebh, huctbh

_144	i6gb			requested to establish in the Cell, Number of PS RABs requested to establish for streaming services (64 kbps less than Max DL bit rate (144 kbps))		
VS_RAB_Att_Est_PS_Str_Mor384	hua_cell_rab_est_ps_str_tab.unxgpco62fcmjb6ows4xqacsmw	INTEGER	#	Numbers of PS RABs requested to establish in the Cell, Number of PS RABs requested to establish for streaming services (384 kbps less than Max DL bit rate)	Sum	hucasebh, huctbh
VS_RAB_AttEsPSQueue_Stm_Cell	hua_cell_rab_est_ps_str_tab.yeymlu65p4cgcbxnvomun65dpa	INTEGER	#	Numbers of PS RAB setup queuing requests during RAB assignment, Number of PS RAB Setup Queuing Requests for Streaming Service (Cell)	Sum	hucasebh, huctbh
VS_RAB_AttE	hua_cell_rab_est_ps_str_ta	INTEG	#	Numbers of	Sum	hucasebh

stabPS_Str	b.wrchmnn3swcmctjbedim34vaki	ER		PS RABs of different traffic classes requested to establish in a cell		, huctbh
VS_RAB_PSQueueTime_Str_Cell	hua_cell_rab_est_ps_str_tab.y4rqxyqc6lbdab04ovvnp6rnit	FLOAT	milliseconds	Average queuing duration of PS RABs, Average queuing duration of PS RABs for streaming service (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_Suc_Est_PS_Str_0_32	hua_cell_rab_est_ps_str_tab.xinhqw5krecxpcsclpfsd23nh2	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for streaming services (0 (Max DL bit rate (32 kbps)))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Str_32_64	hua_cell_rab_est_ps_str_tab.vmkibitve1cdievuonetn2don4	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for streaming services (32 less than Max DL bit rate (64 kbps))	Sum	hucasebh, huctbh

VS_RAB_Suc_Est_PS_Str_64_144	hua_cell_rab_est_ps_str_tab.ta05k5lagkcp3u02wr1iuhwavr	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for streaming services (64 kbps less than Max DL bit rate (144 kbps))	Sum	hucasebh, huctbh
VS_RAB_Suc_Est_PS_Str144384	hua_cell_rab_est_ps_str_tab.x1qux1f34mcg3cwrjui2buuhfp	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for streaming services (144 kbps less than Max DL bit rate (384 kbps))	Sum	hucasebh, huctbh
VS_RAB_SuccEstabPS_Str_Rate	hua_cell_rab_est_ps_str_tab.xlsnxm2lui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:VS RAB SuccEstabPS Str Rate	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAB_SuccEstabPS_Str	hua_cell_rab_est_ps_str_tab.vb5vd6xn3abjxs4b6aupsgrtah	INTEGER	#	Numbers of PS RABs of different	Sum	hucasebh, huctbh

				traffic classes successfully established in a cell		
VS_RAB_SucEstPS_StrMor384	hua_cell_rab_est_ps_str_tab.r1kpogem6gcx1texv4k30vguhl	INTEGER	#	Numbers of PS RABs successfully established in the Cell, Number of PS RABs successfully established for streaming services (384 kbps less than Max DL bit rate)	Sum	hucasebh, huctbh

6.5.73 Cell.Huawei.UMTS.RAB_Modify_CS

RAB Modify CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccModCS_Conv	100 * {VS_RAB_SuccModCS_Conv}/ {VS_RAB_AttEstModCS_Conv}	FLOAT	%	Percentage CS Conversational RABs successfully modified in a cell.	Average	hucasebh, huctbh
_%_VS_RAB_SuccModCS_Str	100 * {VS_RAB_SuccModCS_Str}/ {VS_RAB_AttEstModCS_Str}	FLOAT	%	Percentage CS Streaming RABs successfully modified in a cell.	Average	hucasebh, huctbh
VS_FBack_RABModReqCs_Conv_Cell	hua_cell_rab_modify_cs_tab.ub2wgsriyy2ahdha0035xkcuc6	INTEGER	#	Number of RNC-originated service changes and UDI fallbacks in the	Sum	hucasebh, huctbh

				cells of the active set.		
VS_RAB_AttEstModCS_Conv	hua_cell_rab_modify_cs_tab.ytgfbj1t3xb3wuwvgwj31f5fjf	INTEGER	#	Numbers of CS RABs requested to modify for traffic classes of the UE in a cell. If the QoS parameters of the current service changes after the RAB setup, the CN initiates a RAB reconfiguration procedure by transmission of a RAB ASSIGNMENT REQUEST message. If the RNC detects that that the RABs requested to establish already exist on receipt of the RAB ASSIGNMENT REQUEST message from the CN, it regards the request to establish RABs as a request to modify the RABs.	Sum	hucasebh, huctbh

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VS_RAB_AttEstModCS_Str	hua_cell_rab_modify_cs_tab.v3lgvv6yd3cvpc0yr22gqb2yjb	INTEGER	#	Numbers of CS RABs requested to modify for traffic classes of the UE in a cell. If the QoS parameters of the current service changes after the RAB setup, the CN initiates a RAB reconfiguration procedure by transmission of a RAB ASSIGNMENT REQUEST message. If the RNC detects that that the RABs requested to establish already exist on receipt of the RAB ASSIGNMENT REQUEST message from the CN, it regards the request to establish RABs as a request to modify the RABs.	Sum	hucasebh, huctbh
VS_RAB_FailModCS_Cong	hua_cell_rab_modify_cs_tab.wbhw6wyqvbb43slxwvrr0y3ere	INTEGER	#	Numbers of CS RABs unsuccessfully modified due to different causes	Sum	hucasebh, huctbh
VS_RAB_FailModCS_Param	hua_cell_rab_modify_cs_tab.vt4yauu2hpbpme6poiw	INTEGER	#	Numbers of CS RABs	Sum	hucasebh, huctbh

	04sus3a			unsuccessfully modified due to different causes		
VS_RAB_FailModCS_Reloc	hua_cell_rab_modify_cs_tab.rrglcq0x2rby0cfrwcrhxbayuo	INTEGER	#	Numbers of CS RABs unsuccessfully modified due to different causes	Sum	hucasebh, huctbh
VS_RAB_FailModCS_TNL	hua_cell_rab_modify_cs_tab.xfg35h4s5bcsfsdt0oyuan3tmx	INTEGER	#	Numbers of CS RABs unsuccessfully modified due to different causes	Sum	hucasebh, huctbh
VS_RAB_FailModCS_Unsup	hua_cell_rab_modify_cs_tab.sousrsb2w4crten166xy5stcap	INTEGER	#	Numbers of CS RABs unsuccessfully modified due to different causes	Sum	hucasebh, huctbh
VS_RAB_SuccModCS_Conv	hua_cell_rab_modify_cs_tab.tcltui6ws4b5gcnuvvrh1304xv	INTEGER	#	Numbers of CS Conversational RABs successfully modified in a cell.	Sum	hucasebh, huctbh
VS_RAB_SuccModCS_Str	hua_cell_rab_modify_cs_tab.rylqebsyjsbedd1tarvuco3q5m	INTEGER	#	Numbers of CS Streaming RABs successfully modified in a cell.	Sum	hucasebh, huctbh

6.5.74 Cell.Huawei.UMTS.RAB_Modify_PS

RAB Modify PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

_%_VS_RAB_SuccModPS_Bkg	100 * {VS_RAB_SuccModPS_Bkg}/ {VS_RAB_AttEstModPS_Bkg}	FLOAT	%	Percentage PS RABs of different traffic classes successfully modified in a cell. Background.	Average	hucasebh, huctbh
_%_VS_RAB_SuccModPS_Conv	100 * {VS_RAB_SuccModPS_Conv}/ {VS_RAB_AttEstModPS_Conv}	FLOAT	%	Percentage PS RABs of different traffic classes successfully modified in a cell. Conversational	Average	hucasebh, huctbh
_%_VS_RAB_SuccModPS_Inter	100 * {VS_RAB_SuccModPS_Inter}/ {VS_RAB_AttEstModPS_Inter}	FLOAT	%	Percentage PS RABs of different traffic classes successfully modified in a cell. Interactive	Average	hucasebh, huctbh
_%_VS_RAB_SuccModPS_Str	100 * {VS_RAB_SuccModPS_Str}/ {VS_RAB_AttEstModPS_Str}	FLOAT	%	Percentage PS RABs of different traffic classes successfully modified in a cell. Streaming	Average	hucasebh, huctbh
VS_RAB_AttEstModPS_Bkg	hua_cell_rab_modify_ps_tab.tv0n5qd2qkcv3uhvh4dsttw2wk	INTEGER	#	Numbers of PS RABs of different traffic classes requested to modify in a cell. If there are some changes in the parameters such as QoS for the current service after the RAB setup, the	Sum	hucasebh, huctbh

				SGSN initiates a RAB modification procedure by sending an RAB ASSIGNMENT REQUEST message. On receipt of this message, the RNC judges that these RABs need to be modified if it finds that the requested RABs have been set up.		
VS_RAB_AttEstModPS_Conv	hua_cell_rab_modify_ps_tab.yday5t41f5c4kultbu05wm4d4r	INTEGER	#	Numbers of PS RABs of different traffic classes requested to modify in a cell. If there are some changes in the parameters such as QoS for the current service after the RAB setup, the SGSN initiates a RAB modification procedure by sending an RAB ASSIGNMENT REQUEST message. On receipt of this message, the	Sum	hucasebh, huctbh

				RNC judges that these RABs need to be modified if it finds that the requested RABs have been set up.		
VS_RAB_AttEstModPS_Inter	hua_cell_rab_modify_ps_tab.yk4120b1dubb2d4ifseabo4h4y	INTEGER	#	Numbers of PS RABs of different traffic classes requested to modify in a cell. If there are some changes in the parameters such as QoS for the current service after the RAB setup, the SGSN initiates a RAB modification procedure by sending an RAB ASSIGNMENT REQUEST message. On receipt of this message, the RNC judges that these RABs need to be modified if it finds that the requested RABs have been set up.	Sum	hucasebh, huctbh
VS_RAB_AttEstModPS_Str	hua_cell_rab_modify_ps_tab.v0p6gogcn6b1kbvc6rt3jbonme	INTEGER	#	Numbers of PS RABs of different traffic classes requested to modify in a cell.	Sum	hucasebh, huctbh

				If there are some changes in the parameters such as QoS for the current service after the RAB setup, the SGSN initiates a RAB modification procedure by sending an RAB ASSIGNMENT REQUEST message. On receipt of this message, the RNC judges that these RABs need to be modified if it finds that the requested RABs have been set up.		
VS_RAB_FailModPS_Cong	hua_cell_rab_modify_ps_tab.t1i2cwc1xkcr2dl343qs25htkc	INTEGER	#	Numbers of PS RABs unsuccessfully modified in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_FailModPS_Param	hua_cell_rab_modify_ps_tab.ryvyoqwyf6bchbjrudjryxmsid	INTEGER	#	Numbers of PS RABs unsuccessfully modified in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_FailModPS_Reloc	hua_cell_rab_modify_ps_tab.rhrj0pgudmbjotuqcook2qtfqc	INTEGER	#	Numbers of PS RABs unsuccessfully	Sum	hucasebh, huctbh

				modified in a cell due to different causes.		
VS_RAB_Fail ModPS_TNL	hua_cell_rab_modify_ps_tab.vjjnx1bmdjbb3effhn6x2u6vm4	INTEGER	#	Numbers of PS RABs unsuccessfully modified in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_Fail ModPS_Unsup	hua_cell_rab_modify_ps_tab.rrxlmpuvrvbbfd3hr0nxubd5mw	INTEGER	#	Numbers of PS RABs unsuccessfully modified in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_Succ ModPS_Bkg	hua_cell_rab_modify_ps_tab.r2asvfjyjdc4gsdga5rbh5yfpm	INTEGER	#	Numbers of PS RABs of different traffic classes successfully modified in a cell.	Sum	hucasebh, huctbh
VS_RAB_Succ ModPS_Conv	hua_cell_rab_modify_ps_tab.wpqtvyptwrclmepifrken3a1gt	INTEGER	#	Numbers of PS RABs of different traffic classes successfully modified in a cell.	Sum	hucasebh, huctbh
VS_RAB_Succ ModPS_Inter	hua_cell_rab_modify_ps_tab.uq1ngqrfyfcu1tp00jp2s1ryms	INTEGER	#	Numbers of PS RABs of different traffic classes successfully modified in a cell.	Sum	hucasebh, huctbh
VS_RAB_Succ ModPS_Str	hua_cell_rab_modify_ps_tab.w3myfur5n0cs1sgb5ft4exnfvm	INTEGER	#	Numbers of PS RABs of different traffic classes successfully modified in a	Sum	hucasebh, huctbh

				cell.		

6.5.75 Cell.Huawei.UMTS.RAB_Release_CMB

RAB CMB RRC signalling release measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_UlSigRel_CMB_CELL	hua_cell_rr_cmb_tab.uuo23idilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of CMB RRC Signaling Releases Triggered by UE (Cell)	Sum	hucasebh, huctbh

6.5.76 Cell.Huawei.UMTS.RAB_Release_CS

RAB Release CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CN_RAB_Loss_CS	hua_cell_rab_release_cs_tab.uf2b41ldvvcrddxqkxeajh6frx	INTEGER	#	Numbers of CS RABs Release Triggered by CN in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_Conv	hua_cell_rab_release_cs_tab.s625hehikmc2lslcrywis2dyrb	INTEGER	#	Numbers of CS RABs requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_NetOpt	hua_cell_rab_release_cs_tab.x6ttx3o1oqc3iruqebipu5dgvs	INTEGER	#	Numbers of CS RABs requested to release in a cell	Sum	hucasebh, huctbh

				due to different causes.		
VS_RAB_AttRelCS_NormRel	hua_cell_rab_release_cs_tab.wmgxi0fpc2b1pc15ethk66qrdp	INTEGER	#	Numbers of CS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_OM	hua_cell_rab_release_cs_tab.yjmwnebaoccnjrw40ajp2cnnqm	INTEGER	#	Numbers of CS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_Preempt	hua_cell_rab_release_cs_tab.rtr1r0v56absycfv3glqaplnkj	INTEGER	#	Numbers of CS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_Str	hua_cell_rab_release_cs_tab.ulr1dygodtcs0rup1ocsr10ipe	INTEGER	#	Numbers of CS RABs requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_UEInact	hua_cell_rab_release_cs_tab.rj5f3h2uanbrwbnoy215hcvhu1	INTEGER	#	Numbers of CS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelCS_UTRANGen	hua_cell_rab_release_cs_tab.tu54savg1vb56bofuoycutae4i	INTEGER	#	Numbers of CS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh

6.5.77 Cell.Huawei.UMTS.RAB_Release_PS

RAB Release PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CN_RAB_Loss_PS	hua_cell_rab_release_ps_tab.rst2wducicb3le4fd40vmqq4nt	INTEGER	#	Numbers of CS RABs Release Triggered by CN in each serving cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_Bkg	hua_cell_rab_release_ps_tab.yhvi35co3ec3xdg6lbfs5lks6k	INTEGER	#	Numbers of PS RABs of different traffic classes requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_Conv	hua_cell_rab_release_ps_tab.vlxuan35bwbi4eydo2iritno3a	INTEGER	#	Numbers of PS RABs of different traffic classes requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_Inter	hua_cell_rab_release_ps_tab.upj01rtwl0bqmcvcmfe0jy4m4n	INTEGER	#	Numbers of PS RABs of different traffic classes requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_NetOptm	hua_cell_rab_release_ps_tab.rc3o3xb0hlbgrsox4wiriwfdjv	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_NormRel	hua_cell_rab_release_ps_tab.xhvdh3uqlvcrbecigi4exfye3n	INTEGER	#	Numbers of PS RABs requested to	Sum	hucasebh, huctbh

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				release in a cell due to different causes.		
VS_RAB_AttRelPS_OM	hua_cell_rab_release_ps_tab.uawn1bdlh3b3dc2uxccnxubdck	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_RABPreempt	hua_cell_rab_release_ps_tab.x2x6ldm00sbcvbm1cx5u5hkvlj	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_Str	hua_cell_rab_release_ps_tab.w35igjge5lc4qe3nmbi5h24uqe	INTEGER	#	Numbers of PS RABs of different traffic classes requested to release in a cell.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_UeInact	hua_cell_rab_release_ps_tab.rlhxdw6gu4bobdgsmo12laoccn	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_Unsp	hua_cell_rab_release_ps_tab.slvhbqmhhecmpu05dgcn2eiylc	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh
VS_RAB_AttRelPS_UtranGen	hua_cell_rab_release_ps_tab.ujwgd6l6xacvwu10bieqk61sru	INTEGER	#	Numbers of PS RABs requested to release in a cell due to different causes.	Sum	hucasebh, huctbh

6.5.78 Cell.Huawei.UMTS.RAC_Failures_due_to_Congestion

RAB/RAC failures due to Congestion

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAC_DCCC_Fail_DLLD_Cong	hua_racfailcongestion_tab.yearpx4upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL power resources in the DCCC procedure	Sum	hucasebh, huctbh
VS_RAC_DCCC_Fail_OVSF_Cong	hua_racfailcongestion_tab.yearpx6upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL CODE resources in the DCCC procedure	Sum	hucasebh, huctbh
VS_RAC_DCCC_Fail_ULLD_Cong	hua_racfailcongestion_tab.yearpx2upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL power resources in the DCCC procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_DLIub_Cong	hua_racfailcongestion_tab.yearpy0upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL Iub resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_DLLD_Cong	hua_racfailcongestion_tab.yearpxvupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL power resources in the HHO procedure	Sum	hucasebh, huctbh

VS_RAC_HHO_Fail_HSDPA Num_Cong	hua_racfailcongestion_tab.yearpy2upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSDPA user number resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_HSUPA Num_Cong	hua_racfailcongestion_tab.yearpy4upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSUPA user number resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_ULIub_Cong	hua_racfailcongestion_tab.yearpxxupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL Iub resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Fail_ULLD_Cong	hua_racfailcongestion_tab.yearpxtupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL power resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HHO_Preempt_Cong	hua_racfailcongestion_tab.yearpy6upw2ahrhr0035xvpkr0	INTEGER	#	Number of preempt after fail to request resources in the HHO procedure	Sum	hucasebh, huctbh
VS_RAC_HSDPA_Power_Cong	hua_racfailcongestion_tab.yearpydupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSDPA power resources	Sum	hucasebh, huctbh
VS_RAC_HSUPA_Power_Cong	hua_racfailcongestion_tab.yearpwhupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSUPA power resources	Sum	hucasebh, huctbh

VS_RAC_R99_Power_Cong	hua_racfailcongestion_tab.yearpybupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request R99 power resources	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_DLIub_Cong	hua_racfailcongestion_tab.yearpwxupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL Iub resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_DLLD_Cong	hua_racfailcongestion_tab.yearpwrupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL power resources in the SHO procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_HSUPA Num_Cong	hua_racfailcongestion_tab.yearpx0upw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSUPA user number resources in the SHO procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_OVSF_Cong	hua_racfailcongestion_tab.yearpwtupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL CODE resources in the SHO procedure	Sum	hucasebh, huctbh
VS_RAC_SHO_Fail_ULIub_Cong	hua_racfailcongestion_tab.yearpwvupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL Iub resources in the SHO procedure	Sum	hucasebh, huctbh
VS_RAC_SHO	hua_racfailcongestion_tab.	INTEG	#	Number of	Sum	hucasebh

_Fail_ULLD_Cong	yearpwpupw2ahrhr0035xvpkr0	ER		failures in each cell to request UL power resources in the SHO procedure		, huctbh
VS_RAC_Total_Power_Cong	hua_racfailcongestion_tab.yearpyfupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request total power resources	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_DLCE_Cong	hua_racfailcongestion_tab.yearpxdupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessfully applying for DL CE resources in each failed cell in TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_DLIub_Cong	hua_racfailcongestion_tab.yearpxnupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL Iub resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_DLLD_Cong	hua_racfailcongestion_tab.yearpxhupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL power resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_HSDPANum_Cong	hua_racfailcongestion_tab.yearpxpupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSDPA user number resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_HSUPANum_Co	hua_racfailcongestion_tab.yearpxrupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request	Sum	hucasebh, huctbh

ng				HSUPA user number resources in the TrChSwitch procedure		
VS_RAC_TrChSwitch_Fail_OVSF_Cong	hua_racfailcongestion_tab.yearpxjupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request DL CODE resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_ULCE_Cong	hua_racfailcongestion_tab.yearpxbupw2ahrhr0035xvpkr0	INTEGER	#	Number of unsuccessfully applying for UL CE resources in each failed cell in TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_ULIub_Cong	hua_racfailcongestion_tab.yearpxlupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL Iub resources in the TrChSwitch procedure	Sum	hucasebh, huctbh
VS_RAC_TrChSwitch_Fail_ULLD_Cong	hua_racfailcongestion_tab.yearpxfupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request UL power resources in the TrChSwitch procedure	Sum	hucasebh, huctbh

6.5.79 Cell.Huawei.UMTS.RAC_Failures_NewCallRequest

RCC/RAB setup failures

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_RAC_NewCallRequest_Fail_HSDPANum_Cong	hua_racnewcallfail_tab.yearpwjupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSDPA user number resources in the RRC/RAB setup procedure	Sum	hucasebh, huctbh
VS_RAC_NewCallRequest_Fail_HSUPANum_Cong	hua_racnewcallfail_tab.yearpwlupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures in each cell to request HSUPA user number resources in the RRC/RAB setup procedure	Sum	hucasebh, huctbh
VS_RAC_NewCallRequest_Preempt_Cong	hua_racnewcallfail_tab.yearpwnupw2ahrhr0035xvpkr0	INTEGER	#	Number of preempt after fail to request resources in the RRC/RAB setup procedure	Sum	hucasebh, huctbh

6.5.80 Cell.Huawei.UMTS.Radio_Admission_Control

Radio Admission Control data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAC_NewCallAcc	100 * {VS_RAC_NewCallAcc}/{VS_RAC_NewCallReq}	FLOAT	%	Percentage successful cell resource requests for new call setup.	Average	hucasebh, huctbh
_%_VS_RAC_Re	100 * {VS_RAC_ReconfigCallA	FLOAT	%	Percentage successful cell	Average	hucasebh, huctbh

configCallAcc	cc}/ {VS_RAC_ReconfigCallReq}			resource requests due to UE service reconfiguration.		
_%_VS_RAC_SHOCallAcc	100 * {VS_RAC_SHOCallAcc}/ {VS_RAC_SHOCallReq}	FLOAT	%	Percentage successful cell resource requests for soft handover.	Average	hucasebh, huctbh
_%_VS_RAC_TrChSwitchCallAcc	100 * {VS_RAC_TrChSwitchCallAcc}/ {VS_RAC_TrChSwitchCallReq}	FLOAT	%	Percentage When a UE transits from CELL_FACH to CELL_DCH state or from CELL_DCH to CELL_FACH state, the RNC shall request cell resource for this UE. Number of successful cell resource requests due to UE RRC state transition	Average	hucasebh, huctbh
VS_DCCC_E2E_ReqRateUp_UE	hua_cell_radadmctrl_tab.rpwvgu634h2aispab035y0hf3v	INT8	#	Number of Attempts of EDCH Rate DCCC Upsizing for Cell	Sum	hucasebh, huctbh
VS_RAC_CodeRejDL	hua_cell_radadmctrl_tab.vv65g0nauvcriehfgjovftg2ht	INTEGER	#	Obsolete in release Vn00R010. Number of unsuccessful	Sum	hucasebh, huctbh

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				channelization code requests.		
VS_RAC_DL_TotalTrfFactor	hua_cell_radadmctrl_tab.y6epqejaehb5ic3oeq0a0v22fb	FLOAT	#	This item provides the average number of DL equivalent voice UEs in CELL_DCH state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RAC_HHO_CodeAssignRej_DL	hua_cell_radadmctrl_tab.t3hmjnagyybu1rufgxmhjyi0qv	INTEGER	#	Number of rejected target cell in the RNC due to DL codeassign failures.	Sum	hucasebh, huctbh
VS_RAC_HHO AdmissionRej_DL	hua_cell_radadmctrl_tab.yuwfpy1wxlcwmduokoefmywfek	INTEGER	#	Obsolete in release Vn00R010. Number of rejected target cell in the RNC due to DL admission failures.	Sum	hucasebh, huctbh
VS_RAC_HHO AdmissionRej_UL	hua_cell_radadmctrl_tab.tfdlhlj4l6c5duhwje525rsgu1	INTEGER	#	Obsolete in release Vn00R010. Number of rejected target cell in the RNC due to UL admission failures.	Sum	hucasebh, huctbh
VS_RAC_HHO CallAcc	hua_cell_radadmctrl_tab.reno2ryc4hcwjt55h00yoywlng	INTEGER	#	After the RNC receives an inter-frequency measurement report from a UE, it shall request cell resource for	Sum	hucasebh, huctbh

				successful hard handover to a new cell. Number of successful cell resource requests for hard handover.		
VS_RAC_HHO CallReq	hua_cell_radadmctrl_tab.snqpcgqbqvcw0ctsjowiqrcj4x	INTEGER	#	After the RNC receives an inter-frequency measurement report from a UE, it shall request cell resource for hard handover to a new cell. Number of cell resource requests for hard handover.	Sum	hucasebh, huctbh
VS_RAC_NewCallAcc	hua_cell_radadmctrl_tab.yldodmcm65b4rej0d0v6merctd	INTEGER	#	Number of successful cell resource requests for new call setup.	Sum	hucasebh, huctbh
VS_RAC_NewCallReq	hua_cell_radadmctrl_tab.xxlunef01hcm5tar4vynjlmw1f	INTEGER	#	Number of cell resource requests for new call setup.	Sum	hucasebh, huctbh
VS_RAC_NewCallRequest_DownSZ_Cong	hua_cell_radadmctrl_tab.suihn0purp2ahrhr0035xvpkr0	INTEGER	#	No description available	Sum	hucasebh, huctbh
VS_RAC_NoAdmDL	hua_cell_radadmctrl_tab.yio4jwvcevc0pcw4heu6nbratc	INTEGER	#	Obsolete in release Vn00R010.	Sum	hucasebh, huctbh

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

				Number of DL admission failures upon decision according to current cell load.		
VS_RAC_NoAdmUL	hua_cell_radadmctrl_tab.rkvq5vx326bi5ba3xqadalb2xe	INTEGER	#	Obsolete in release Vn00R010. Number of UL admission failures upon decision according to current cell load.	Sum	hucasebh, huctbh
VS_RAC_ReconfigCallAcc	hua_cell_radadmctrl_tab.t4es0linlybyreywynbue3igqu	INTEGER	#	Number of successful cell resource requests due to UE service reconfiguration.	Sum	hucasebh, huctbh
VS_RAC_ReconfigCallReq	hua_cell_radadmctrl_tab.udqavu0u4xca2emogk1ov256jr	INTEGER	#	Number of cell resource requests due to UE service reconfiguration.	Sum	hucasebh, huctbh
VS_RAC_SHOCallAcc	hua_cell_radadmctrl_tab.xgty2t404fbdnsbemedqlwqo24	INTEGER	#	After the RNC receives an intra-frequency measurement report from a UE, it shall request cell resource for successful soft handover to a new cell. Number of	Sum	hucasebh, huctbh

				successful cell resource requests for soft handover.		
VS_RAC_SHOCallReq	hua_cell_radadmctrl_tab.w0a3hfjiacclxcp1pdoune1jsh	INTEGER	#	After the RNC receives an intra-frequency measurement report from a UE, it shall request cell resource for soft handover to a new cell. Number of cell resource requests for soft handover.	Sum	hucasebh, huctbh
VS_RAC_TrChSwitchCallAcc	hua_cell_radadmctrl_tab.xyetn40hn6clpb5nadbcbfb4am	INTEGER	#	When a UE transits from CELL_FACH to CELL_DCH state or from CELL_DCH to CELL_FACH state, the RNC shall request cell resource for this UE. Number of successful cell resource requests due to UE RRC state transition	Sum	hucasebh, huctbh
VS_RAC_TrChSwitchCallReq	hua_cell_radadmctrl_tab.s0lipv4sefb06em0c12tskry4e	INTEGER	#	When a UE transits from CELL_FACH to CELL_DCH	Sum	hucasebh, huctbh

				state or from CELL_DCH to CELL_FACH state, the RNC shall request cell resource for this UE. Number of cell resource requests due to UE RRC state transition.		
VS_RAC_UL_TotalTrfFactor	hua_cell_radadmctrl_tab.yqafpdmidbb1etlupiihuq56rh	FLOAT	#	This item provides the average number of UL equivalent voice UEs in CELL_DCH state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.81 Cell.Huawei.UMTS.Radio_Bearer_Usage_AMR_WB

Radio bearer usage AMR WB data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AMR_WB_Ctrl_DL12_65	hua_cell_radbeusgamrwb_tab.ub2wgnxiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 12.65 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL14_25	hua_cell_radbeusgamrwb_tab.ub2wgo0iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 14.25 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_W	hua_cell_radbeusgamrwb_	FLOA	#	Average number	Average	hucasebh

B_Ctrl_DL15_85	tab.ub2wgo2iyy2ahdha0035xkcuc6	T		of UEs that use the AMR WB speech service at the DL bit rate of 15.85 kbit/s.		, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL18_25	hua_cell_radbeusgamrwb_tab.ub2wgo4iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 18.25 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL19_85	hua_cell_radbeusgamrwb_tab.ub2wgo6iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 19.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL23_05	hua_cell_radbeusgamrwb_tab.ub2wgobiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 23.05 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL23_85	hua_cell_radbeusgamrwb_tab.ub2wgodiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the DL bit rate of 23.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_DL6_60	hua_cell_radbeusgamrwb_tab.ub2wgofiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service	Average	hucasebh, huctbh, Sum, Minimu

				at the DL bit rate of 6.60 kbit/s.		m, Maximum
VS_AMR_WB_Ctrl_DL8_85	hua_cell_radbeusgamrwb_tab.ub2wgohiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 8.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL12_65	hua_cell_radbeusgamrwb_tab.ub2wgojiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 12.65 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL14_25	hua_cell_radbeusgamrwb_tab.ub2wgoliyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 14.25 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL15_85	hua_cell_radbeusgamrwb_tab.ub2wgoniyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 15.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL18_25	hua_cell_radbeusgamrwb_tab.ub2wgopiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 18.25 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL19_85	hua_cell_radbeusgamrwb_tab.ub2wgoriyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service	Average	hucasebh, huctbh, Sum, Minimu

				at the UL bit rate of 19.85 kbit/s.		m, Maximum
VS_AMR_WB_Ctrl_UL23_05	hua_cell_radbeusgamrwb_tab.ub2wgotiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 23.05 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL23_85	hua_cell_radbeusgamrwb_tab.ub2wgoviyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 23.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL6_60	hua_cell_radbeusgamrwb_tab.ub2wgoxiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 6.60 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_WB_Ctrl_UL8_85	hua_cell_radbeusgamrwb_tab.ub2wgp0iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs that use the AMR WB speech service at the UL bit rate of 8.85 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.82 Cell.Huawei.UMTS.Radio_Bearer_Usage_AMR

Radio Bearer Usage AMR data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_AMR_Ctrl_DL10_2	hua_cell_radbeusgamr_tab.tw1pqriswgcqtupwl6sggoj46r	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL12_2	hua_cell_radbeusgamr_tab.xqhh5fyfikbffscdvj36wbgdoo	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL4_75	hua_cell_radbeusgamr_tab.vjcqkc5iejcymbs242vjpynowd	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL5_15	hua_cell_radbeusgamr_tab.rghiontobgba6bk154bpa5drwl	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL5_9	hua_cell_radbeusgamr_tab.w4ljklfckwbijdxtu1idf1vvyx	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL6_7	hua_cell_radbeusgamr_tab.yt0ir3aqk5bx2soktlya1gq2m4	FLOAT	#	Mean numbers of UEs using the variable-rate	Average	hucasebh, huctbh, Sum,

				AMR speech service in a RNC in the UL and DL directions.		Minimum, Maximum
VS_AMR_Ctrl_DL7_4	hua_cell_radbeusgamr_tab.y5fsxmjifjba4trl1dhyvsjnv5	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_DL7_95	hua_cell_radbeusgamr_tab.xh2pdhrq56co5dktuy56b40t0y	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL10_2	hua_cell_radbeusgamr_tab.ybus6xtrr5cqpr1w0j003olopi	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL12_2	hua_cell_radbeusgamr_tab.vpnuhuq2efch2cys51e2d3bwa2	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl	hua_cell_radbeusgamr_tab	FLOA	#	Mean numbers	Average	hucasebh

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_UL4_75	.wf01ohadefcfgtsi1kqjxvn23m	T		of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.		, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL5_15	hua_cell_radbeusgamr_tab.wjid50rymobsddgeh6365os6rj	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL5_9	hua_cell_radbeusgamr_tab.ujea2hwlnyb2otsuwtpmmj041t	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL6_7	hua_cell_radbeusgamr_tab.uholf6hm52cqvtnxck3c14syp0	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL7_4	hua_cell_radbeusgamr_tab.xl2mv0s0fmbp1t3pnvyb5fs4wh	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMR_Ctrl_UL7_95	hua_cell_radbeusgamr_tab.vr5fa3htgacvmdp4bnsscmx2td	FLOAT	#	Mean numbers of UEs using the variable-rate AMR speech	Average	hucasebh, huctbh, Sum, Minimu

				service in a RNC in the UL and DL directions.		m, Maximum

6.5.83 Cell.Huawei.UMTS.Radio_Bearer_Usage_CS

Radio Bearer Usage CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLConvCS_64	hua_cell_radbeusgcs_tab.vxf4bcq322c2ary12vfk15r4i3	FLOAT	#	Average numbers of CS conversational service RBs (downlink) with different bit rates in a cell, that is, average number of the downlink RBs obtained at the sampling points in the cell in a measurement period, Average number of established CS conversational service RBs with DL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLStrCS_57_6	hua_cell_radbeusgcs_tab.ylojkmsy4xce5s400gejxh0sqt	FLOAT	#	Average numbers of CS streaming service RBs with bit rates of 14.4 K, 28.8 K, 32 K, 57.6 K,	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				and 64 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of established CS streaming service RBs with DL rate of 57.6 kbps		

6.5.84 Cell.Huawei.UMTS.Radio_Bearer_Usage_DRD_IFFreq

Radio Bearer Usage DRD IFFreq data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IFREQ_CS_MBDR_RBSet_AttOut	hua_cell_radbeusgdrdif_tab.xlsnxmjlui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of CS Traffic RB Setup DRD out of a cell based on InterFreq measurement.	Sum	hucasebh, huctbh
IFREQ_CS_MBDR_RBSet_SucOut	hua_cell_radbeusgdrdif_tab.xlsnxmllui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of CS Traffic RB Setup DRD successfully out of a cell based on InterFreq measurement.	Sum	hucasebh, huctbh

IFREQ_PS_MBDR_HResC_RBSet_AttOut	hua_cell_radbeusgdrdif_tab.xlsnxmrlui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of HSDPA PS Traffic RB Setup DRD out of a cell based on InterFreq measurement.	Sum	hucasebh, huctbh
IFREQ_PS_MBDR_HResC_RBSet_SucOut	hua_cell_radbeusgdrdif_tab.xlsnxmtlui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of HSDPA PS Traffic RB Setup DRD successfully out of a cell based on InterFreq measurement.	Sum	hucasebh, huctbh
IFREQ_PS_MBDR_R99_RBSet_AttOut	hua_cell_radbeusgdrdif_tab.xlsnxmnlui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of R99 PS Traffic RB Setup DRD out of a cell based on InterFreq measurement.	Sum	hucasebh, huctbh
IFREQ_PS_MBDR_R99_RBSet_SucOut	hua_cell_radbeusgdrdif_tab.xlsnxmplui2aidkrb02ofawjhk	INTEGER	#	The measurement items take statistics of the number of R99 PS Traffic RB Setup DRD	Sum	hucasebh, huctbh

				successfully out of a cell based on InterFreq measurement.		

6.5.85 Cell.Huawei.UMTS.Radio_Bearer_Usage_DRD

Radio bearer usage DRD.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_DRD_RB_D2H_SuccIn	100 * {VS_DRD_RB_D2H_SuccIn}/ {VS_DRD_RB_D2H_AttIn}	FLOAT	%	Percentage successful RADIO BEARER RECONFIGURATION COMPLETE messages received from the UE, which indicates that the UE successfully redirects to the target inter-frequency cell.	Average	hucasebh, huctbh
_%_VS_DRD_RB_D2H_SuccOut	100 * {VS_DRD_RB_D2H_SuccOut}/ {VS_DRD_RB_D2H_AttOut}	FLOAT	%	Percentage successful RADIO BEARER SETUP COMPLETE/RADIO BEARER RECONFIGURATION COMPLETE messages sent from the cell that the UE camps on, which indicates that the UE successfully redirects to the target cell with the channel transformation type of "DCH TO HSDPA".	Average	hucasebh, huctbh
_	100 *	FLOAT	%	Percentage	Average	hucasebh

%_VS_DRD_RBRecfg_SuccIn	{VS_DRD_RBRecfg_SuccIn}/ {VS_DRD_RBRecfg_AttIn}			successful RADIO BEARER RECONFIGURATION COMPLETE messages received from the UE, which indicates that the UE successfully redirects to the target inter-frequency cell.		, huctbh
_%_VS_DRD_RBRecfg_SuccOut	100 * {VS_DRD_RBRecfg_SuccOut}/ {VS_DRD_RBRecfg_AttOut}	FLOAT	%	Percentage successful RADIO BEARER RECONFIGURATION COMPLETE messages received from the cell that the UE camps on, which indicates that the UE successfully redirects to the other inter-frequency cell.	Average	hucasebh, huctbh
_%_VS_DRD_RBSetup_SuccIn	100 * {VS_DRD_RBSetup_SuccIn}/ {VS_DRD_RBSetup_AttIn}	FLOAT	%	Percentage successful RADIO BEARER SETUP COMPLETE messages received from the UE, which indicates that the UE successfully redirects to a target inter-frequency cell.	Average	hucasebh, huctbh
_%_VS_DRD	100 * {VS_DRD_RBSetup_Suc	FLOAT	%	Percentage successful RADIO	Average	hucasebh, huctbh

_RBSetup_SuccOut	cOut}/ {VS_DRD_RBSetup_AttOut}			BEARER SETUP COMPLETE messages received from the cell that UE camps on, which indicates that the UE successfully redirects to an inter-frequency cell.		
VS_DRD_RB_D2H_AttIn	hua_cell_radbeusgdrd_tab.ub2wgrniyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP/ RADIO BEARER RECONFIGURATION messages sent to the UE, which indicates that the UE attempts to redirect to a target cell with the channel transformation type of "DCH TO HSDPA".	Sum	hucasebh, huctbh
VS_DRD_RB_D2H_AttOut	hua_cell_radbeusgdrd_tab.ub2wgrpiyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP/ RADIO BEARER RECONFIGURATION messages sent from the cell that the UE camps on, which indicates that the UE attempts to redirect to a target cell with the channel transformation type of "DCH TO HSDPA".	Sum	hucasebh, huctbh
VS_DRD_RB_D2H_SuccIn	hua_cell_radbeusgdrd_tab.ub2wgrriyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER RECONFIGURATION COMPLETE	Sum	hucasebh, huctbh

				messages received from the UE, which indicates that the UE successfully redirects to the target inter-frequency cell.		
VS_DRD_RB_D2H_SuccOut	hua_cell_radbeusgdrd_tab.ub2wgrtiyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP COMPLETE/RADIO BEARER RECONFIGURATION COMPLETE messages sent from the cell that the UE camps on, which indicates that the UE successfully redirects to the target cell with the channel transformation type of "DCH TO HSDPA".	Sum	hucasebh, huctbh
VS_DRD_RBRecfg_AttIn	hua_cell_radbeusgdrd_tab.ub2wgrviyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER RECONFIGURATION messages sent to the UE, which indicates that the UE redirects to a target inter-frequency cell.	Sum	hucasebh, huctbh
VS_DRD_RBRecfg_AttOut	hua_cell_radbeusgdrd_tab.ub2wgrxiyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER RECONFIGURATION messages sent from the cell that the UE camps on,	Sum	hucasebh, huctbh

				which indicates that the UE attempts to redirect to the other cell.		
VS_DRD_RBRecfg_SuccIn	hua_cell_radbeusgdrd_tab.ub2wgs0iyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER RECONFIGURATION COMPLETE messages received from the UE, which indicates that the UE successfully redirects to the target inter-frequency cell.	Sum	hucasebh, huctbh
VS_DRD_RBRecfg_SuccOut	hua_cell_radbeusgdrd_tab.ub2wgs2iyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER RECONFIGURATION COMPLETE messages received from the cell that the UE camps on, which indicates that the UE successfully redirects to the other inter-frequency cell.	Sum	hucasebh, huctbh
VS_DRD_RBSetup_AttIn	hua_cell_radbeusgdrd_tab.ub2wgs4iyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP messages sent to the UE, which indicates that the UE attempts to redirect to a target inter-frequency cell.	Sum	hucasebh, huctbh
VS_DRD_RBSetup_AttOut	hua_cell_radbeusgdrd_tab.ub2wgs6iyy2ahdha0035xkcuc6	INTEGER	#	Total number of RADIO BEARER SETUP messages sent from the cell that the UE camps	Sum	hucasebh, huctbh

				on, which indicates that the UE attempts to redirect to an inter-frequency cell.		
VS_DRD_RBSetup_SuccIn	hua_cell_radbeusgdrd_tab.ub2wgsbiyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP COMPLETE messages received from the UE, which indicates that the UE successfully redirects to a target inter-frequency cell.	Sum	hucasebh, huctbh
VS_DRD_RBSetup_SuccOut	hua_cell_radbeusgdrd_tab.ub2wgsdiyy2ahdha0035xkcuc6	INTEGER	#	Number of RADIO BEARER SETUP COMPLETE messages received from the cell that UE camps on, which indicates that the UE successfully redirects to an inter-frequency cell.	Sum	hucasebh, huctbh

6.5.86 Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Bkg

Radio Bearer Usage PS Backgroup data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLBkgPS_128	hua_cell_radbeusgpsbkg_tab.xcwvlfsi6mbx0ebtghqbha3qxa	FLOAT	#	Average numbers of PS background	Average	hucasebh, huctbh, Sum,

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				service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 128 kbps		Minimum, Maximum
VS_RB_DLBkgPS_144	hua_cell_radbeusgpsbkg_tab.w6o2ruqf1ucslbgxe2y1oamjrc	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 144 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_16	hua_cell_radbeusgpsbkg_tab.sai1umvfbscjpevrlr1fjuxcbc	FLOAT	#	Average numbers of PS background service RBs	Average	hucasebh, huctbh, Sum, Minimu

				with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 16 kbps		m, Maximum
VS_RB_DLBkgPS_256	hua_cell_radbeusgpsbkg_tab.uwbn3i06mxbgab1olwn1b6fbap	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 256 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_RB_DLBkgPS_32	hua_cell_radbeusgpsbkg_tab.uqgjoymjhpbfnr5vijccjmxvqp	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_384	hua_cell_radbeusgpsbkg_tab.svrepmq5mebqis10dnhtxjk2av	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 384 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLBk	hua_cell_radbeusgpsbkg_t	FLOA	#	Average	Average	hucasebh

gPS_64	ab.x60w3ghxapc6scbam4osyrry6v	T		numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with DL rate of 64 kbps		, huctbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_8	hua_cell_radbeusgpsbkg_tab.xql5x15fhwcc4c2ql25cehirhg	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				with DL rate of 8 kbps		
VS_RB_ULBkgPS_128	hua_cell_radbeusgpsbkg_tab.vhqor35kp0cahbnx6k2am31awa	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with UL rate of 128 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_144	hua_cell_radbeusgpsbkg_tab.rg5quircvfcgdeonrru61idwav	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with UL rate of	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				144 kbps		
VS_RB_ULBkgPS_16	hua_cell_radbeusgpsbkg_tab.tblo2thiqlbdxc1lundytlbjdj	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with UL rate of 16 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_256	hua_cell_radbeusgpsbkg_tab.sc41xs6y14cg3tw3htn1cano3j	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				number of PS background service RBs with UL rate of 256 kbps		
VS_RB_ULBkgPS_32	hua_cell_radbeusgpsbkg_tab.skoist2aufbrsdpqeuoeok6usv	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, age number of PS background service RBs with UL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_384	hua_cell_radbeusgpsbkg_tab.wc1f4lvvn1bsodhph1ja4kpg0r	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				background service RBs with UL rate of 384 kbps		
VS_RB_ULBkgPS_64	hua_cell_radbeusgpsbkg_tab.syx6xes3brbavt63mdrn4pvx01	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS background service RBs with UL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_8	hua_cell_radbeusgpsbkg_tab.xgaluld51ebe5em2s6m1jelppl	FLOAT	#	Average numbers of PS background service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				in the cell in a measurement period, Average number of PS background service RBs with UL rate of 8 kbps		

6.5.87 Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Conv

Radio Bearer Usage PS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_ConvPS_16	hua_cell_radbeusgpscv_tab.uh2kkrtiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ConvPS_32	hua_cell_radbeusgpscv_tab.uh2kkrviyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ConvPS_64	hua_cell_radbeusgpscv_tab.uh2kkrxiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_16	hua_cell_radbeusgpscv_tab.uuo23jxilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs	Average	hucasebh, huctbh, Sum, Minimum, Maximu

				with DL rate of 16 kbps		m
VS_RB_DLConvPS_32	hua_cell_radbeusgpscv_tab.uuo23k0ilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs with DL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_38_8	hua_cell_radbeusgpscv_tab.xlsnxmxlui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the DL bit rate of 38.8 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_39_2	hua_cell_radbeusgpscv_tab.xlsnxn0lui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the DL bit rate of 39.2 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_40	hua_cell_radbeusgpscv_tab.xlsnxn2lui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the DL bit rate of 40 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_42_8	hua_cell_radbeusgpscv_tab.xlsnxn4lui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the DL bit rate of 42.8 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_RB_DLConvPS_64	hua_cell_radbeusgpscv_tab.uuo23k2ilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS conversational service RBs with DL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_8	hua_cell_radbeusgpscv_tab.uuo23jvilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs with DL rate of 8 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvCS_64	hua_cell_radbeusgpscv_tab.uuo23klilk2ahdh6b035xkcuc6	FLOAT	#	Average number of CS conversational service RBs with DL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_16	hua_cell_radbeusgpscv_tab.uuo23k6ilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs with UL rate of 16 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_32	hua_cell_radbeusgpscv_tab.uuo23kbilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs with UL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_38_8	hua_cell_radbeusgpscv_tab.xlsnxn6lui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the UL bit	Average	hucasebh, huctbh, Sum, Minimum,

				rate of 38.8 kbit/s.		Maximum
VS_RB_ULConvPS_39_2	hua_cell_radbeusgpscv_tab.xlsnxnblui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the UL bit rate of 39.2 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_40	hua_cell_radbeusgpscv_tab.xlsnxndlui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the UL bit rate of 40 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_42_8	hua_cell_radbeusgpscv_tab.xlsnxnflui2aidkrb02ofawjhk	FLOAT	#	Mean number of PS conversational service R99 RBs at the UL bit rate of 42.8 kbit/s.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_64	hua_cell_radbeusgpscv_tab.uuo23kdilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS conversational service RBs with UL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_8	hua_cell_radbeusgpscv_tab.uuo23k4ilk2ahdh6b035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:Average number of PS conversational service RBs with UL rate of 8 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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6.5.88 Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Inter

Radio Bearer Usage PS Interactive data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLInterPS_128	hua_cell_radbeusgpsint_tab.xq014q6wkwcils3durtr2wtqe5	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 128 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_144	hua_cell_radbeusgpsint_tab.tm3v6q1ie3clxcx63baq042v02	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				measurement period, Average number of PS interactive service RBs with DL rate of 144 kbps		
VS_RB_DLInterPS_16	hua_cell_radbeusgpsint_tab.wndox626qhck0ucc1r2wq25lyp	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 16 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_256	hua_cell_radbeusgpsint_tab.sphj6wuol0bpkeuj15yuf6rfab	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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				of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 256 kbps		
VS_RB_DLInterPS_32	hua_cell_radbeusgpsint_tab.vnyknx22oibvabqu4e212vmitb	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_384	hua_cell_radbeusgpsint_tab.xtkkf4xd6pblesvb5fykjumijt	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 384 kbps		
VS_RB_DLInterPS_64	hua_cell_radbeusgpsint_tab.rs6skkx6spckes00o4ckhsbrw6	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_8	hua_cell_radbeusgpsint_tab.xomda5vo25bvqt5u45jcjqoj3m	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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				and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with DL rate of 8 kbps		
VS_RB_ULInterPS_128	hua_cell_radbeusgpsint_tab.uglnndegusc20c5y4l1hmo4urc	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 128 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_144	hua_cell_radbeusgpsint_tab.yc6lc42qmcbrve34a3mwpenkdq	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 144 kbps		
VS_RB_ULInterPS_16	hua_cell_radbeusgpsint_tab.yfrjd3namtbr0b3w45rscjgfwb	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 16 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_256	hua_cell_radbeusgpsint_tab.trnmusvt03bhocnw1j0uky6cs2	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of	Average	hucasebh, huctbh, Sum, Minimum,

				8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 256 kbps		Maximum
VS_RB_ULInterPS_32	hua_cell_radbeusgpsint_tab.sonsa1r3ubbrosan4q1fq6hmwf	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_384	hua_cell_radbeusgpsint_tab.uop1a5vltebhkurtikipskpt46	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32	Average	hucasebh, huctbh, Sum, Minimum, Maximu

				K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 384 kbps		m
VS_RB_ULInterPS_64	hua_cell_radbeusgpsint_tab.uhfhbbmhmebgcshoiufwyeb4sa	FLOAT	#	Average numbers of PS interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_8	hua_cell_radbeusgpsint_tab.v1mplkregybpyummvx2	FLOAT	#	Average numbers of PS	Average	hucasebh, huctbh,

	kvaoyyk			interactive service RBs with bit rates of 8 K, 16 K, 32 K, 64 K, 128 K, 144 K, 256 K and 384 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS interactive service RBs with UL rate of 8 kbps		Sum, Minimum, Maximum

6.5.89 Cell.Huawei.UMTS.Radio_Bearer_Usage_PS_Stream

Radio Bearer Usage PS streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLStrPS_128	hua_cell_radbeusgpsstr_tab.t6krtthuwwbydu2xaiaw5yy1tm	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				streaming service RBs with DL rate of 128 kbps		
VS_RB_DLStrPS_144	hua_cell_radbeusgpsstr_tab.s4dgcab4mrcxkegj35vsahfwvo	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS streaming service RBs with DL rate of 144 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_16	hua_cell_radbeusgpsstr_tab.uuo23kpilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with DL rate of 16 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_256	hua_cell_radbeusgpsstr_tab.uuo23krilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with DL rate of 256 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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VS_RB_DLStrPS_32	hua_cell_radbeusgpsstr_tab.tj35xm03trblwt25pobj6wd0xi	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS streaming service RBs with DL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_64	hua_cell_radbeusgpsstr_tab.sgbryig2ivbryuyb4mh2vdw1j2	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS streaming service RBs with DL rate of 64 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_8	hua_cell_radbeusgpsstr_tab.uuo23knilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs	Average	hucasebh, huctbh, Sum,

				with DL rate of 8 kbps		Minimum, Maximum
VS_RB_ULStrCS_57_6	hua_cell_radbeusgpsstr_tab.uuo23ktilk2ahdh6b035xkcuc6	FLOAT	#	Average number of established CS streaming service RBs with UL rate of 57.6 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_128	hua_cell_radbeusgpsstr_tab.uuo23l2ilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with UL rate of 128 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_144	hua_cell_radbeusgpsstr_tab.uuo23l4ilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with UL rate of 144 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_16	hua_cell_radbeusgpsstr_tab.xsln20oe5xbudrryfj104u4tmj	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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				measurement period, Average number of PS streaming service RBs with UL rate of 16 kbps		
VS_RB_ULStrPS_256	hua_cell_radbeusgpsstr_tab.uuo23l6ilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with UL rate of 256 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_32	hua_cell_radbeusgpsstr_tab.yoti3bnf41bpyuvu3vipq3ai1a	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average number of the RBs obtained at the sampling points in the cell in a measurement period, Average number of PS streaming service RBs with UL rate of 32 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_64	hua_cell_radbeusgpsstr_tab.sdxhusu2jxb26cj4cebkhie6eq	FLOAT	#	Average numbers of PS streaming service RBs with bit rates of 16 K, 32 K, 64 K, 128 K and 144 K in a cell, that is, average	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				number of the RBs obtained at the sampling points in the cell in a measurement period,Average number of PS streaming service RBs with UL rate of 64 kbps		
VS_RB_ULStrPS_8	hua_cell_radbeusgpsstr_tab.uuo23l0ilk2ahdh6b035xkcuc6	FLOAT	#	Average number of PS streaming service RBs with UL rate of 8 kbps	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.90 Cell.Huawei.UMTS.Radio_Bearer

Radio Bearer data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_SuccRBRecfg	100 * {VS_SuccRBRecfg}/{VS_AttRBRecfg}	FLOAT	%	Percentage RADIO BEARER RECONFIGURATION COMPLETE messages from UEs in a cell to the RNC.	Average	hucasebh, huctbh
_%_VS_SuccRBSetup	100 * {VS_SuccRBSetup}/{VS_AttRBSetup}	FLOAT	%	Percentage RADIO BEARER SETUP COMPLETE	Average	hucasebh, huctbh

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				messages from UEs in a cell to the RNC		
VS_AttRBRecfg	hua_cell_radbe_tab.srlxm0jtcecnlbn40ukjjqq4th	INTEGER	#	Number of RADIO BEARER RECONFIGURATION messages from the RNC to UEs in a cell.	Sum	hucasebh, huctbh
VS_AttRBSetup	hua_cell_radbe_tab.uidncc12ofbkrrsem62xv3cvrt	INTEGER	#	Number of RADIO BEARER SETUP messages from the RNC to a UE in a cell	Sum	hucasebh, huctbh
VS_FailRBRecfg_CellUpd	hua_cell_radbe_tab.smytgqq5qcba0tyn2g2bqm0v1f	INTEGER	#	Numbers of RB reconfigurations failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRecfg_CfgUnsup	hua_cell_radbe_tab.x50wdduud3bsmchutd54mms10f	INTEGER	#	Numbers of RB reconfigurations failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRecfg_IncCfg	hua_cell_radbe_tab.wtmsunhjt6crgbvou6ii0yle1h	INTEGER	#	Numbers of RB reconfigurations failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRecfg_NoReply	hua_cell_radbe_tab.rbov2dm0gkcoxrhqltwkxdxv15	INTEGER	#	Numbers of RB reconfigurations failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRecfg_PhyChFail	hua_cell_radbe_tab.stfp0c63q2cx4urlacup13pp3t	INTEGER	#	Numbers of RB reconfigurations failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRel_CellUpd	hua_cell_radbe_tab.r1abkv45ffcgnrptxqxamegwbw	INTEGER	#	Numbers of RB release failures	Sum	hucasebh, huctbh

				due to different causes in a cell.		
VS_FailRBRel_InvCfg	hua_cell_radbe_tab.uejd1hmxiwc1srm3pbdwirtia5	INTEGER	#	Numbers of RB release failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBRel_NoReply	hua_cell_radbe_tab.s1ghcmystibf3euyp2uujj42lu	INTEGER	#	Numbers of RB release failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBSetup_CellUpd	hua_cell_radbe_tab.vntvbk0qvucegsfoq1yqciibhe	INTEGER	#	Numbers of RB setup failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBSetup_CfgUnsup	hua_cell_radbe_tab.t6nt6exht3bseuei5011veroh	INTEGER	#	Numbers of RB setup failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBSetup_IncCfg	hua_cell_radbe_tab.t5hl24upvmcosr5cf1sy4j52mr	INTEGER	#	Numbers of RB setup failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBSetup_NoReply	hua_cell_radbe_tab.rnc4smbm2ab66sp3mtqro5resk	INTEGER	#	Numbers of RB setup failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_FailRBSetup_PhyChFail	hua_cell_radbe_tab.txpwmheqr6c1oujsg2gcdvuar1	INTEGER	#	Numbers of RB setup failures due to different causes in a cell.	Sum	hucasebh, huctbh
VS_RB_AttRecfgPS_CMB_Cell	hua_cell_radbe_tab.uhsk3bn5qfbqpsbkj5uxbuurbx	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of RADIO BEARER RECONFIGURA	Sum	hucasebh, huctbh

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				TION messages from the RNC to UEs in a cell.		
VS_RB_RateDown_To_0kbps	hua_cell_radbe_tab.xlsnxmvlui2aidkrb02ofawjhk	INTEGER	#	This measurement item takes statistics of the time of RAB rated down to 0kbps for low activity or other reasons in the best cell.	Sum	hucasebh, huctbh
VS_RB_SuccRecfgPS_CMB_Cell	hua_cell_radbe_tab.wt1jkywprjbdruacgoek04y4ng	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of RADIO BEARER RECONFIGURATION COMPLETE messages from UEs in a cell to the RNC.	Sum	hucasebh, huctbh
VS_SuccRBRecfg	hua_cell_radbe_tab.wtr4lgfhombnedb2n1pw3vi6ni	INTEGER	#	Number of RADIO BEARER RECONFIGURATION COMPLETE messages from UEs in a cell to the RNC.	Sum	hucasebh, huctbh
VS_SuccRBSetup	hua_cell_radbe_tab.ufqwy1sfjtbv3bv0rrlsx3adm5	INTEGER	#	Number of RADIO BEARER SETUP COMPLETE messages from UEs in a cell to the RNC	Sum	hucasebh, huctbh

6.5.91 Cell.Huawei.UMTS.RLC_HSDPA

RLC HSDPA data

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_AM_RLC_Rtx_HsdpaTrf_PDU	hua_cell_rlc_hsdpa_tab.xlsnxr0lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of traffic PDUs retransmitted by the RLC on HSDPA in acknowledged mode.	Sum	hucasebh, huctbh

6.5.92 Cell.Huawei.UMTS.RLC_R99

RLC R99 data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AM_RLC_Rtx_R99Sig_PDU	hua_cell_rlc_r99_tab.xlsnxrblui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of signaling PDUs retransmitted by the RLC on R99 in acknowledged mode.	Sum	hucasebh, huctbh
VS_AM_RLC_Rtx_R99Trf_PDU	hua_cell_rlc_r99_tab.xlsnxr2lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of traffic PDUs retransmitted by the RLC on R99 in acknowledged	Sum	hucasebh, huctbh

				mode.		
VS_AM_RLC_Tx_R99Sig_PDU	hua_cell_rlc_r99_tab.xlsnxqxlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of signaling PDUs delivered by the RLC on R99 in acknowledged mode. It does not include the PDUs retransmitted.	Sum	hucasebh, huctbh
VS_RLC_AM_Disc_R99Sig_PDU	hua_cell_rlc_r99_tab.xlsnxr6lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of signaling PDUs on R99 discarded in the downlink by the RLC in acknowledged mode during the transmission.	Sum	hucasebh, huctbh
VS_RLC_AM_Disc_R99TrfPDU	hua_cell_rlc_r99_tab.xlsnxr4lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of traffic PDUs on R99 discarded in the downlink by the RLC in acknowledged mode.	Sum	hucasebh, huctbh
VS_RLC_AM_Tx_R99Trf_PDU	hua_cell_rlc_r99_tab.xlsnxqvlui2aidkrb02ofawjhk	INTEGER	#	his measurement item provides the number of traffic PDUs delivered by the RLC on R99 in acknowledged mode. It does	Sum	hucasebh, huctbh

				not include the PDUs retransmitted.		

6.5.93 Cell.Huawei.UMTS.RLC_Statistics

Radio Link Control data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AM_RLC_Rtx_HsdpaSig_PDU	hua_cell_rlc_statistics_tab.rpwvgxr34h2aispab035y0hf3v	INT8	#	Obsolete from UTRAN/V900 R011:No description	Sum	hucasebh, huctbh
VS_AM_RLC_Rtx_Sig_PDU	hua_cell_rlc_statistics_tab.stt2rpuqxxceycysthsivnhehm	INTEGER	#	Number of HSDPA Signaling PDUs Retransmitted by AM RLC for Cell	Sum	hucasebh, huctbh
VS_AM_RLC_Tx_HsdpaSig_PDU	hua_cell_rlc_statistics_tab.rpwvgxt34h2aispab035y0hf3v	INT8	#	Obsolete from UTRAN/V900 R011:No description	Sum	hucasebh, huctbh
VS_AM_RLC_Tx_Sig_PDU	hua_cell_rlc_statistics_tab.u3t3ut0tjibwqensl26vtyfiff	INTEGER	#	Number of HSDPA Signaling PDUs Sent by AM RLC for Cell	Sum	hucasebh, huctbh
VS_RLC_AM_Disc_HsdpaSig_PDU	hua_cell_rlc_statistics_tab.rpwvgxx34h2aispab035y0hf3v	INT8	#	Obsolete from UTRAN/V900 R011:No description	Sum	hucasebh, huctbh
VS_RLC_AM_Disc_HsdpaTrf PDU	hua_cell_rlc_statistics_tab.rpwvgxv34h2aispab035y0hf3v	INT8	#	Obsolete from UTRAN/V900 R011:No	Sum	hucasebh, huctbh

				description		
VS_RLC_AM_Disc_PDU	hua_cell_rlc_statistics_tab.yw5sx0t3pxcv2s6wotopx6ucun	INTEGER	#	Number of Service HSDPA PDUs Discarded by AM RLC for Cell	Sum	hucasebh, huctbh
VS_RLC_AM_Disc_Sig_PDU	hua_cell_rlc_statistics_tab.uh6bcapkyfc1sdhehp4uc1vli1	INTEGER	#	Number of Downlink HSDPA Signaling PDUs Discarded by AM RLC for Cell	Sum	hucasebh, huctbh
VS_RLC_AM_Rtx_Trf_PDU_1	hua_cell_rlc_statistics_tab.xlsnxqplui2aidkrb02ofawjhk	INTEGER	#	Number of retransmitted service PDUs that are smaller than 34% of the maximum RLC PDU size.	Sum	hucasebh, huctbh
VS_RLC_AM_Rtx_Trf_PDU_2	hua_cell_rlc_statistics_tab.xlsnxqrlui2aidkrb02ofawjhk	INTEGER	#	Number of retransmitted service PDUs that are equal to or greater than 34% of the maximum RLC PDU size and equal to or smaller than 67% of the maximum RLC PDU size.	Sum	hucasebh, huctbh
VS_RLC_AM_Rtx_Trf_PDU_3	hua_cell_rlc_statistics_tab.xlsnxqtlui2aidkrb02ofawjhk	INTEGER	#	Number of retransmitted service PDUs that are greater than 67% of the maximum RLC PDU size.	Sum	hucasebh, huctbh
VS_RLC_AM_	hua_cell_rlc_statistics_tab	INTEG	#	Obsolete from	Sum	hucasebh

Rtx_Trf_PDU	.xvysubsfwdbmbr6iv1sk263dal	ER		UTRAN/V900 R011:No description.		, huctbh
VS_RLC_AM_Tx_HsdpaTrf_PDU	hua_cell_rlc_statistics_tab.rpwvgy034h2aispab035y0hf3v	INT8	#	Obsolete from UTRAN/V900 R011:No description	Sum	hucasebh, huctbh
VS_RLC_AM_Tx_Trf_PDU	hua_cell_rlc_statistics_tab.utyvrqkogmbictbgqp5srhfutl	INTEGER	#	Number of HSDPA Service PDUs Sent by AM RLC for Cell	Sum	hucasebh, huctbh

6.5.94 Cell.Huawei.UMTS.RRC_Connection_Global

RRC Connection Global data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_DRD_RRC_Out_Succ	100 * {VS_DRD_RRC_Out_Succ}/ {VS_DRD_RRC_Out_Att}	FLOAT	%	Percentage successful RRC DRDs in a cell.	Average	hucasebh, huctbh
_%_VS_RRC_SuccConEst_CCH	100 * {VS_RRC_SuccConEst_CCH}/ {VS_RRC_AttConEst_CCH}	FLOAT	%	Percentage RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell through which messages the RNC judges that the RRC connections are set up on CCH.	Average	hucasebh, huctbh
_%_VS_RRC	100 * {VS_RRC_SuccConEst_	FLOAT	%	Percentage RRC CONNECTION	Average	hucasebh, huctbh

_SuccConEst_DCH	DCH}/ {VS_RRC_AttConEst_DCH}			SETUP COMPLETE messages from UEs to the RNC in a cell through which messages the RNC judges that the RRC connections are set up on DCH.		
HSPA_UE_Mean_CS_Conv_Cell_V100	hua_cell_rrc_con_gl_tab.xlsnxl6lui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900R011 :This is applicable for V100R011. The measurement counter provides the average number of CS Over HSPA in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
HSPA_UE_Mean_CS_Conv_Cell_V200	hua_cell_rrc_con_gl_tab.xlsnxl4lui2aidkrb02ofawjhk	FLOAT	#	This is applicable for V200R011. The measurement counter provides the average number of CS Over HSPA in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellDCHUEs	hua_cell_rrc_con_gl_tab.rrenu3dmrtc21sg6nttc1vmv6c	FLOAT	#	This item provides the average number of UEs in CELL DCH state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellEFACHUEs	hua_cell_rrc_con_gl_tab.xlsnxkxlui2aidkrb02ofawjhk	FLOAT	#	The preceding measurement counters provide the average number of UEs in a cell in different RRC connection states. The RRC connection state is CELL_FACH and is carried on the	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				EFACH.		
VS_CellFACHUEs	hua_cell_rrc_con_gl_tab.vifmgt2n0kc41rsmvcmtdrd24e	FLOAT	#	This item provides the average number of UEs in CELL FACH state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CellPCHUEs	hua_cell_rrc_con_gl_tab.tkqpfbs426bp2ccd531pedesat	FLOAT	#	This item provides the average number of UEs in CELL PCH state in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_DRD_RRC_Out_Att	hua_cell_rrc_con_gl_tab.vwuymd2uefbgftt1ctrhm5qh1w	INTEGER	#	Number of RRC connection setup redirections after failure in initial RRC connection setups. The RNC takes statistics by the cells to which the initial RRC connection is requested to set up	Sum	hucasebh, huctbh
VS_DRD_RRC_Out_Succ	hua_cell_rrc_con_gl_tab.syvfj5o0pwbmauvw55nipuey21	INTEGER	#	Number of successful RRC DRDs in a cell.	Sum	hucasebh, huctbh
VS_RRC_AttConEst_CCH	hua_cell_rrc_con_gl_tab.t4jgtesenhbcfbjvltqblgswyu	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC	Sum	hucasebh, huctbh

				connections are to be set up on CCH.		
VS_RRC_AttConEst_DCH	hua_cell_rrc_con_gl_tab.uuep2jfa3lbllenjn243s0p11e	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC connections are to be set up on DCH.	Sum	hucasebh, huctbh
VS_RRC_AttConnEst_TCum_CCCH	hua_cell_rrc_con_gl_tab.w3aemifk0scv6sr21g4qjtn3u2	INTEGER	milliseconds	Obsolete from UTRAN/V100V200R011:Number of RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC connections are to be set up on CCH. Cumulative value.	Sum	hucasebh, huctbh
VS_RRC_AttConnEst_TCum_DCCH	hua_cell_rrc_con_gl_tab.wbfig2uyxkc3rcy2mmmjtmcpjc	INTEGER	milliseconds	Number of RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC connections are to be set up on DCH. Cumulative value.	Sum	hucasebh, huctbh
VS_RRC_AttConnEst_TSample_CC	hua_cell_rrc_con_gl_tab.vxgs3whddcccxcc05hin2bkyf2	INTEGER	#	Obsolete from UTRAN/V100V200R011:Number of	Sum	hucasebh, huctbh

CH				RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC connections are to be set up on CCH. Cumulative value. Sample value		
VS_RRC_AttConnEst_TSample_DCCH	hua_cell_rrc_con_gl_tab.skaovlikalb3esplrt14jc0jhb	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC in a cell through which messages the RNC judges that the required RRC connections are to be set up on DCH. Cumulative value. Sample value.	Sum	hucasebh, huctbh
VS_RRC_AttConnEstab_Cell	hua_cell_rrc_con_gl_tab.sv6epg0k5abtls0eaox2xejjra	INTEGER	#	Number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell. This item includes VS.RRC.AttConEst.DCH and VS.RRC.AttConEst.CCH.	Sum	hucasebh, huctbh
VS_RRC_AttConnEstab_EDCH	hua_cell_rrc_con_gl_tab.xlsnxkplui2aidkrb02ofawjhk	INTEGER	#	Number of UL over E-DCH Connection Requests.	Sum	hucasebh, huctbh

VS_RRC_AttConnEstab_HSDSCH	hua_cell_rrc_con_gl_tab.xlsnxkrlui2aidkrb02ofawjhk	INTEGER	#	Number of DL over HS-DSCH Connection Requests.	Sum	hucasebh, huctbh
VS_RRC_SetupConnEstab_Cell	hua_cell_rrc_con_gl_tab.s1okvc312ccqydfsypx4ywiphn	INTEGER	#	Number of RRC CONNECTION SETUP messages from the RNC to UEs in a cell upon reception of RRC CONNECTION REQUEST messages from the UEs.	Sum	hucasebh, huctbh
VS_RRC_SuccConEst_CCH	hua_cell_rrc_con_gl_tab.tbs12lw1qkcltb3bm3bd3dq5p1	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell through which messages the RNC judges that the RRC connections are set up on CCH.	Sum	hucasebh, huctbh
VS_RRC_SuccConEst_DCH	hua_cell_rrc_con_gl_tab.s2vao3iuknbpebfrh6ans1bg35	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell through which messages the RNC judges that the RRC connections are set up on DCH.	Sum	hucasebh, huctbh
VS_RRC_SuccConnEstab_Cell	hua_cell_rrc_con_gl_tab.xnk50qdevecase0eaow1ue51al	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell. This item	Sum	hucasebh, huctbh

				includes VS.RRC.SuccConEst.DCH and VS.RRC.SuccConEst.CCH.		
VS_RRC_SuccConnEstab_EDCH	hua_cell_rrc_con_gl_tab.xlsnxktlui2aidkrb02ofawjhk	INTEGER	#	Number of UL over E-DCH Connection Setup Successes.	Sum	hucasebh, huctbh
VS_RRC_SuccConnEstab_First	hua_cell_rrc_con_gl_tab.wt5531b1bpcxrbw5xyi2laqinm	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell and the RNC judges that the RRC connections are set up on first RRC CONNECTION REQUEST message.	Sum	hucasebh, huctbh
VS_RRC_SuccConnEstab_HSDSCH	hua_cell_rrc_con_gl_tab.xlsnxkvlui2aidkrb02ofawjhk	INTEGER	#	Number of DL over HS-DSCH Connection Setup Successes.	Sum	hucasebh, huctbh
VS_RRC_SuccConnEstab_Second	hua_cell_rrc_con_gl_tab.r2u4ltuljrchodtxq6spt01ipw	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell and the RNC judges that the RRC connections are set up on second RRC CONNECTION REQUEST message.	Sum	hucasebh, huctbh

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VS_RRC_SuccConnEstab_Third	hua_cell_rrc_con_gl_tab.ufm013ir2vcwrtcu2gpw4trf3r	INTEGER	#	Number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell and the RNC judges that the RRC connections are set up on third RRC CONNECTION REQUEST message.	Sum	hucasebh, huctbh

6.5.95 Cell.Huawei.UMTS.RRC_Connection_Reject

RRC Connection Reject data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_FailConnEstab_Cong	hua_cell_rrc_con_rej_tab.wbldjio1yjcy2daxd61hatlctp	INTEGER	#	Number of RRC CONNECTION REJECT messages from the RNC to UEs in a cell due to network congestion after receiving RRC CONNECTION REQUEST messages from the UEs. This item includes VS.RRC.Rej.Power.Cong, VS.RRC.Rej.UL.CE.Cong, VS.RRC.Rej.DL.CE.Cong and VS.RRC.Rej.Code.Cong.	Sum	hucasebh, huctbh
RRC_FailConnEstab_NoRe	hua_cell_rrc_con_rej_tab.t1qc0e4h6ecjdsndohr1xswa	INTEGER	#	Number of RRC connections	Sum	hucasebh, huctbh

ply	pt			failures due to no responses.		
VS_RRC_Fail ConnEstab	hua_cell_rrc_con_rej_tab.rvnmroft5ccuut4c2i402cycoj	INTEGER	#	This item provides the number of RRC Connection fail in a cell	Sum	hucasebh, huctbh
VS_RRC_Rej_AAL2_Fail	hua_cell_rrc_con_rej_tab.rlmae2ekmebm1dha16wi22p1mn	INTEGER	#	The number of RRC CONNECTION REJECT messages from the RNC to UEs in a cell due to an RRC connection reject cause upon reception of RRC CONNECTION REQUEST messages from the UE. AAL2 setup failure.	Sum	hucasebh, huctbh
VS_RRC_Rej_Code_Cong	hua_cell_rrc_con_rej_tab.u65qj6nfxuc13d0wjfbaha1uec	INTEGER	#	The number of RRC CONNECTION REJECT messages from the RNC to UEs in a cell due to radio resource congestion after receiving RRC CONNECTION REQUEST messages from the UEs, Code resource request failure	Sum	hucasebh, huctbh
VS_RRC_Rej_DL_CE_Cong	hua_cell_rrc_con_rej_tab.s1rqtmmgv5bdnt36fgv21hrbbx	INTEGER	#	The number of RRC CONNECTION REJECT messages from the RNC to	Sum	hucasebh, huctbh

				UEs in a cell due to radio resource congestion after receiving RRC CONNECTION REQUEST messages from the UEs, Cell DL resource request failure.		
VS_RRC_Rej_DLIUBBandCong	hua_cell_rrc_con_rej_tab.yearpmdupw2ahrhr0035xvpkr0	INTEGER	#	Number of RRC CONNECTION REJECT due to DL bandwidth congestion over Iub	Sum	hucasebh, huctbh
VS_RRC_Rej_Power_Cong	hua_cell_rrc_con_rej_tab.thk6ytm20vcscrc0jcx0y40d5o	INTEGER	#	The number of RRC CONNECTION REJECT messages from the RNC to UEs in a cell due to radio resource congestion after receiving RRC CONNECTION REQUEST messages from the UEs, Power resource request failure.	Sum	hucasebh, huctbh
VS_RRC_Rej_Redir_Inter_Att	hua_cell_rrc_con_rej_tab.w3jp20lynscducl2vgqr6w4tqf	INTEGER	#	Numbers of RRC CONNECTION REJECT messages due to redirection failure after receiving RRC CONNECTION REQUEST messages. interfrequency cell	Sum	hucasebh, huctbh
VS_RRC_Rej_RL_Fail	hua_cell_rrc_con_rej_tab.xjhqu02kawbj5r4bsjaj005f1h	INTEGER	#	The number of RRC CONNECTION	Sum	hucasebh, huctbh

				REJECT messages from the RNC to UEs in a cell due to an RRC connection reject cause upon reception of RRC CONNECTION REQUEST messages from the UEs, RL setup failure.		
VS_RRC_Rej_UL_CE_Cong	hua_cell_rrc_con_rej_tab.sonvtvgl26bs1rd6postaovgxx	INTEGER	#	The number of RRC CONNECTION REJECT messages from the RNC to UEs in a cell due to radio resource congestion after receiving RRC CONNECTION REQUEST messages from the UEs, Cell UL resource request failure.	Sum	hucasebh, huctbh
VS_RRC_Rej_ULIUBBandCong	hua_cell_rrc_con_rej_tab.yearpmbupw2ahrhr0035xvpkr0	INTEGER	#	Number of RRC CONNECTION REJECT due to UL bandwidth congestion over Iub	Sum	hucasebh, huctbh
VS_RRC_Reject_Redir_Intrat	hua_cell_rrc_con_rej_tab.riogglqnyabjle53ht5naak5nq	INTEGER	#	Numbers of RRC CONNECTION REJECT messages due to redirection failure after receiving RRC CONNECTION REQUEST messages. Intrat	Sum	hucasebh, huctbh

				cell info.		
VS_RRC_Reject_Redir_Service	hua_cell_rrc_con_rej_tab.xlsnxlhlui2aidkrb02ofawjhk	INTEGER	#	Number of RRC Connection Reject due to Service Based Redirection.	Sum	hucasebh, huctbh

6.5.96 Cell.Huawei.UMTS.RRC_Connection_Release

RRC Connection Release data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_AttConnRelCCCH_Congestion	hua_cell_rrc_con_rel_tab.s1qbmj1qo1bc1s1nmwqqtcwgpr	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Congestion.	Sum	hucasebh, huctbh
RRC_AttConnRelCCCH_NormRel	hua_cell_rrc_con_rel_tab.tis5odrishc1eri3gyrecymtd0	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Normal event.	Sum	hucasebh, huctbh
RRC_AttConnRelCCCH_Preempt	hua_cell_rrc_con_rel_tab.xjp2vil1upbjxtpiupso13nlxi	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Pre-emptive release.	Sum	hucasebh, huctbh
RRC_AttConnRelCCCH_ReEstRej	hua_cell_rrc_con_rel_tab.rmf13k5xkbcuctdekjnkwl66ay	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Re-establishment reject.	Sum	hucasebh, huctbh
RRC_AttConnRelCCCH_SigConReEst	hua_cell_rrc_con_rel_tab.vnbaxh0lamb2ocn6m4n6rod3ms	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Directed signalling connection re-establishment.	Sum	hucasebh, huctbh
RRC_AttConnRelCCCH_Unspec	hua_cell_rrc_con_rel_tab.y6oc0mki3wc62s0f11ghlg4b1a	INTEGER	#	Numbers of RRC connection releases on CCCHs in each cell due to Unspecified.	Sum	hucasebh, huctbh
RRC_AttCon	hua_cell_rrc_con_rel_tab	INTE	#	Numbers of RRC	Sum	hucasebh

nRelCCCH_UsrInact	.wljisv1s4ibhiu3od5vq0py5nl	GER		connection releases on CCCHs in each cell due to User inactivity.		, huctbh
RRC_AttConnRelDCCH_Congestion	hua_cell_rrc_con_rel_tab.yrk6st6gavbxybr2vte5rxe4ap	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Congestion	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_NormRel	hua_cell_rrc_con_rel_tab.ulmvm2u3edbc2rad4pxrjpsn5v	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Normal event	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_Preempt	hua_cell_rrc_con_rel_tab.sxq3t1vxysbqhcpfmgk0xd2mmb	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Pre-emptive release	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_ReEstRej	hua_cell_rrc_con_rel_tab.rdyg0sq1sqc3lr1ipo1r6d3vva	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Re-establishment reject	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_SigConReEst	hua_cell_rrc_con_rel_tab.vejy4agiemcdubp5c6flutrjs5	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Directed signalling connection re-establishment	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_Unspec	hua_cell_rrc_con_rel_tab.x15v03qhhfbhgum1fwco2xyiom	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to Unspecified	Sum	hucasebh, huctbh
RRC_AttConnRelDCCH_UsrInact	hua_cell_rrc_con_rel_tab.vicry1fj1ncuituy00d4ewmnsq	INTEGER	#	Numbers of RRC connection releases on DCCHs in each cell due to User inactivity	Sum	hucasebh, huctbh
RRC_FailConnReEstab_C	hua_cell_rrc_con_rel_tab.udkhrd2d6nb2nedejsdtc	INTEGER	#	Number of RRC connection releases in	Sum	hucasebh, huctbh

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ong	5wcvo			each cell due to congestion. This item includes RRC.AttConnRelCCCH.Congestion and RRC.AttConnRelDCCH.Congestion		
VS_RRC_ConnRel_CellUpd	hua_cell_rrc_con_rel_tab.xs3516qapvb6hdpgwdakccqr26	INTEGER	#	Number of RRC connection releases due to cell update failure with the cause of radio link failure.	Sum	hucasebh, huctbh

6.5.97 Cell.Huawei.UMTS.RRC_Connection_Request_per_cause

RRC Connection Request per Cause

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_AttConnEstab_CallReEst	hua_cell_rrc_conreqperc_tab.rmtcn5c2l3cffrkj6efckswjof	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Call re-establishment	Sum	hucasebh, huctbh
RRC_AttConnEstab_Detach	hua_cell_rrc_conreqperc_tab.tg6bep3j6hbuwb6r0xor3f5qwo	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Detach. RRC.AttConnEstab.IMSIDetach	Sum	hucasebh, huctbh
RRC_AttConnEstab_EmgCall	hua_cell_rrc_conreqperc_tab.rdrckkr3jmckfcgxpgvqd0vq1m	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection	Sum	hucasebh, huctbh

				request cause. Emergency Call		
RRC_AttConnEstab_IRATCCO	hua_cell_rrc_conreqperc_tab.xad0xcrrjmcwdd03q03jlaesrc	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Inter-RAT cell change order	Sum	hucasebh, huctbh
RRC_AttConnEstab_IRATCelRes	hua_cell_rrc_conreqperc_tab.vmbgf5cxonbtndtmspi42xumx1	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Inter-RAT cell re-selection	Sum	hucasebh, huctbh
RRC_AttConnEstab_MBMSPtp	hua_cell_rrc_conreqperc_tab.xlsnxkjlui2aidkrb02ofawjhk	INTEGER	#	These measurement items take statistics of the number of RRC CONNECTION REQUEST messages that the RNC receives from the UEs and then actually processes for different RRC connection request causes, excluding cases that such request is rejected because of redirection based on specific services - MBMS PTP RB Request.	Sum	hucasebh, huctbh
RRC_AttConnEstab_MBMSRep	hua_cell_rrc_conreqperc_tab.xlsnxkhlui2aidkrb02ofawjhk	INTEGER	#	These measurement items take statistics of the number of RRC CONNECTION	Sum	hucasebh, huctbh

				REQUEST messages that the RNC receives from the UEs and then actually processes for different RRC connection request causes, excluding cases that such request is rejected because of redirection based on specific services - MBMS Reception		
RRC_AttConnEstab_OgHhPrSig	hua_cell_rrc_conreqperc_tab.shxloy6hjackguxeqkjyxcf4w3	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating High Priority Signalling	Sum	hucasebh, huctbh
RRC_AttConnEstab_OgLwPrSig	hua_cell_rrc_conreqperc_tab.uthqoiltoncq0dqen1wnryt3yx	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating Low Priority Signalling	Sum	hucasebh, huctbh
RRC_AttConnEstab_OgSubCall	hua_cell_rrc_conreqperc_tab.tqf3ugi4mhcbssin4wj4twuoan	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating Subscribed traffic Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_OrgBkgCall	hua_cell_rrc_conreqperc_tab.yu2b6h5y54csutkxqpiq5tu226	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by	Sum	hucasebh, huctbh

				the RNC in a cell due to an RRC connection request cause. Originating Background Call		
RRC_AttConnEstab_OrgConvCall	hua_cell_rrc_conreqperc_tab.scmjkf6g56bsaexajx0lvmfdxu	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating Conversational Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_OrgInterCall	hua_cell_rrc_conreqperc_tab.svfij10knqb3icwstl46ax22rg	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating Interactive Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_OrgStrCall	hua_cell_rrc_conreqperc_tab.xcwsmwgxywc3eexq4qhegmew6j	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Originating Streaming Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_Reg	hua_cell_rrc_conreqperc_tab.rvkxm2s0nncecsah5snym0uyj1	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause.	Sum	hucasebh, huctbh

				Registration		
RRC_AttConnEstab_TmBkgCall	hua_cell_rrc_conreqperc_tab.xi4ckfyqegbnle1rfhrxpuwatg	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating Background Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_TmConvCall	hua_cell_rrc_conreqperc_tab.rjnowvdvrcbhtuaabk5pu0qpsd	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating Conversational Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_TmHhPrSig	hua_cell_rrc_conreqperc_tab.urhe4vq430cw0rb05ckx56ertn	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating High Priority Signalling	Sum	hucasebh, huctbh
RRC_AttConnEstab_TmInterCall	hua_cell_rrc_conreqperc_tab.txderhsv5iciwcbxpm5fug1ueq	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating Interactive Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_TmLwPrSig	hua_cell_rrc_conreqperc_tab.w06ldoxsvdbyes3ypi5bokkbwf	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection	Sum	hucasebh, huctbh

				request cause. Terminating Low Priority Signalling		
RRC_AttConnEstab_TmStrCall	hua_cell_rrc_conreqperc_tab.x0ti55yk4ac6crrjc4xjvmxyf1	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating Streaming Call	Sum	hucasebh, huctbh
RRC_AttConnEstab_Unknown	hua_cell_rrc_conreqperc_tab.xub136quftc4abnu0mqhq304s3	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC in a cell due to an RRC connection request cause. Terminating - cause unknown	Sum	hucasebh, huctbh
Total_RRC_AttConnEstab	{RRC_AttConnEstab_CallReEst} + {RRC_AttConnEstab_Detach} + {RRC_AttConnEstab_EmgCall} + {RRC_AttConnEstab_IRATCCO} + {RRC_AttConnEstab_IRATCelRes} + {RRC_AttConnEstab_OgHhPrSig} + {RRC_AttConnEstab_OgLwPrSig} + {RRC_AttConnEstab_OgSubCall} + {RRC_AttConnEstab_OrgBkgCall}	INTEGER	#	Total number of RC CONNECTION REQUEST messages actually processed by the RNC - all causes	Sum	hucasebh, huctbh

6.5.98 Cell.Huawei.UMTS.RRC_Connection_Setup_per_cause

RRC Connection Setup per cause

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RRC_ConnEstab_Succ_Rate	hua_cell_rrc_consetperc_tab.xlsnxlflui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:RRC ConnEstab Succ Rate	Average	hucasebh, huctbh, Sum, Minimum, Maximum
RRC_SuccConnEstab_CallReEst	hua_cell_rrc_consetperc_tab.yt5qfhjxxlcp4tbp5gqdhw0bht	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Call re-establishment	Sum	hucasebh, huctbh
RRC_SuccConnEstab_Detach	hua_cell_rrc_consetperc_tab.u5x6pvwhwab05exoodmv6fm5kw	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Detach	Sum	hucasebh, huctbh
RRC_SuccConnEstab_EmgCall	hua_cell_rrc_consetperc_tab.vpoiius2dpc66ufy3cs4ypfmpa	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from	Sum	hucasebh, huctbh

				UEs to the RNC in a cell due to an RRC connection request cause. Emergency Call		
RRC_SuccConnEstab_IRATCCO	hua_cell_rrc_consetperc_tab.vggqoa1x0ocfbe6ocx5cdyv5c0	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Inter-RAT cell change order	Sum	hucasebh, huctbh
RRC_SuccConnEstab_IRATCelRes	hua_cell_rrc_consetperc_tab.sc00etwp3kbfpteiywl5qbeand	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Inter-RAT cell re-selection	Sum	hucasebh, huctbh
RRC_SuccConnEstab_MBMSPtp	hua_cell_rrc_consetperc_tab.xlsnxknlui2aidkrb02ofawjhk	INTEGER	#	The preceding measurement counters provide the number of RRC CONNECTION SETUP	Sum	hucasebh, huctbh

				COMPLETE messages for different causes received by the RNC from UEs in a cell - MBMS PTP RB Request.		
RRC_SuccConnEstab_MBMSRep	hua_cell_rrc_consetperc_tab.xlsnxkllui2aidkrb02ofawjhk	INTEGER	#	The preceding measurement counters provide the number of RRC CONNECTION SETUP COMPLETE messages for different causes received by the RNC from UEs in a cell - MBMS Reception.	Sum	hucasebh, huctbh
RRC_SuccConnEstab_OgConvCall	hua_cell_rrc_consetperc_tab.reyr6p4okqbqybcv33n2xtv4gt	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Conversational Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_OgHhPrSig	hua_cell_rrc_consetperc_tab.s00y6a2r2cb01rhtgftyoma1vf	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the	Sum	hucasebh, huctbh

				RNC in a cell due to an RRC connection request cause. Originating High Priority Signalling		
RRC_SuccConnEstab_OgLwPrSig	hua_cell_rrc_consetperc_tab.ybqnicjn4yc1truvbwyafx6jqw	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Low Priority Signalling	Sum	hucasebh, huctbh
RRC_SuccConnEstab_OrgBkgCall	hua_cell_rrc_consetperc_tab.u54ej3ttbccoic4ncprha6vies	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Background Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_OrgItrCall	hua_cell_rrc_consetperc_tab.wcxx2r3yynbverspdfbs1pbum3	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE	Sum	hucasebh, huctbh

				messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Interactive Call		
RRC_SuccConnEstab_OrgStrCall	hua_cell_rrc_consetperc_tab.ylcww4t2nqcrytgvwtscsnglj3	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Streaming Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_OrgSubCall	hua_cell_rrc_consetperc_tab.wplovapnxacjldxgn01f0mkn1i	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Originating Subscribed traffic Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_Reg	hua_cell_rrc_consetperc_tab.rjqqqohjg1bbxrok1a40u0blx1	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC	Sum	hucasebh, huctbh

				connection request cause. Registration		
RRC_SuccConnEstab_TmBkgCall	hua_cell_rrc_consetperc_tab.usetrapshhbi4d3dnfatgrgvwh	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating Background Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_TmConvCall	hua_cell_rrc_consetperc_tab.tuoa4ngrc3cyceftbxqhjp5kyf	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating Conversational Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_TmHhPrSig	hua_cell_rrc_consetperc_tab.ufko3llrwbc36dgpoq0veieygj	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC	Sum	hucasebh, huctbh

				connection request cause. Terminating High Priority Signalling		
RRC_SuccConnEstab_TmItrCall	hua_cell_rrc_consetperc_tab.rx0tk3nckrb5ks4ux4fy6pku0r	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating Interactive Call	Sum	hucasebh, huctbh
RRC_SuccConnEstab_TmLwPrSig	hua_cell_rrc_consetperc_tab.wl0dv04nxqbl2cgpsoqjmijdbr	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating Low Priority Signalling	Sum	hucasebh, huctbh
RRC_SuccConnEstab_TmStrCall	hua_cell_rrc_consetperc_tab.sy5v5n42x3bh3dtx4lun2hke2t	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating	Sum	hucasebh, huctbh

				Streaming Call		
RRC_SuccConnEstab_Unknown	hua_cell_rrc_consetperc_tab.vh2oyak6erbddshfew2spp0gcn	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC in a cell due to an RRC connection request cause. Terminating - cause unknown	Sum	hucasebh, huctbh

6.5.99 Cell.Huawei.UMTS.RRC_Connection_Times

RRC Connection Times data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRC_ConnEstabTimeMax_CCH	hua_cell_rrc_contime_tab.tjtgpdjporbltb06fxnpn0hm1p	INTEGER	milliseconds	Obsolete from UTRAN/V100V200R011: Maximum signalling delay of RRC connection setup on CCH in a cell Unit: ms	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RRC_ConnEstabTimeMax_DCH	hua_cell_rrc_contime_tab.ukmb2vek6scwqtft4drvyovaux	INTEGER	milliseconds	Maximum signalling delay of RRC connection setup on DCH in a cell	Constant	hucasebh, huctbh, Sum, Minimum, Maximu

				Unit: ms		m
VS_RRC_ConnEstabTimeMean_CCH	hua_cell_rrc_contime_tab.slypywinxjc40se5eeqrqi2uoa	FLOAT	milliseconds	Obsolete from UTRAN/V100V200R011: Mean signalling delay of RRC connection setup on CCH in a cell Unit: ms	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RRC_ConnEstabTimeMean_DCH	hua_cell_rrc_contime_tab.uos3ntpm4kc2fdyn36e1244cov	FLOAT	milliseconds	Mean signalling delay of RRC connection setup on DCH in a cell Unit: ms	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RRC_Estab_DRDIn	hua_cell_rrc_contime_tab.yearpm6upw2ahrhr0035xvpkr0	INTEGER	#	Number of RRC CONNECTION request messages sent by the RNC for incoming direct retry decision (DRD) in the target cell that is under the SRNC.	Sum	hucasebh, huctbh

6.5.100Cell.Huawei.UMTS.Rx_and_Tx_Power

Received and Transmitted Power data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSDPA_MaxRequiredPwr	hua_cell_rxtxpower_tab.yfbhnyn06hcdqeg4r3vveathwc	FLOAT	#	No description available.	Constant	hucasebh, huctbh, Sum,

						Minimum, Maximum
VS_HSDPA_MeanRequiredPwr	hua_cell_rxtxpower_tab.w0nimdun2dcicebx4v6yhbsgud	FLOAT	#	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_MinRequiredPwr	hua_cell_rxtxpower_tab.s42kod5qaxciwsew13ohd3ehwl	FLOAT	#	No description available.	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_HSDPA_RequiredPwr_CUM_NoLog	hua_cell_rxtxpower_tab.xlsnxonlui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900R011:VS HSDPA RequiredPwr CUM NoLog	Sum	hucasebh, huctbh
VS_HSDPA_RequiredPwr_CUM	hua_cell_rxtxpower_tab.tlsbjcp00ycbut2sc2xer2odt2	FLOAT	#	Obsolete from UTRAN/V900R011:No description available.	Sum	hucasebh, huctbh
VS_HSDPA_RequiredPwr_SAMPLE_Log	hua_cell_rxtxpower_tab.s53vhpdlp1ccutl3xamff4mfkr	FLOAT	#	Obsolete from UTRAN/V900R011:No description available.	Sum	hucasebh, huctbh
VS_HSDPA_RequiredPwr_SAMPLE	hua_cell_rxtxpower_tab.xlsnxohlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900R011:VS HSDPA	Sum	hucasebh, huctbh

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				RequiredPwr SAMPLE		
VS_MaxRTWP	hua_cell_rxtxpower_tab.xijsh1f6c6bcbt2qiieyw4bql6	FLOAT	dBm	Maximum RTWP of a cell, that is, maximum value among all the RTWP values reported in a certain period Unit: dBm	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MaxTCP_NonHS	hua_cell_rxtxpower_tab.wopifjbqllbdnt4kj5wdwh65pv	FLOAT	dBm	Maximum TCP of a Non-HSDPA cell, that is, maximum value among all the TCP values reported in a certain period Unit: dBm	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MaxTCP	hua_cell_rxtxpower_tab.u5frpipoxebytsfu2mwtyavl2v	FLOAT	dBm	Maximum TCP of a cell, that is, maximum value among all the TCP values reported in a certain period Unit: dBm	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MeanRTWP	hua_cell_rxtxpower_tab.rutt4mvakfcm1cxw50gxlfv66r	FLOAT	dBm	Mean RTWP of a cell, that is, mean number of the sum of the RTWP values reported in a certain period Unit: dBm	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MeanTCP_	hua_cell_rxtxpower_tab.w	FLOAT	dBm	Mean TCP of	Average	hucasebh

NonHS	igww0yhdablhs0np3udemsgkt			a Non-HSDPA cell, that is, mean number of the sum of the TCP values reported in a certain period Unit: dBm		, huctbh, Sum, Minimum, Maximum
VS_MeanTCP	hua_cell_rxtxpower_tab.vw6olwu36nb4otxgx60qambbs4	FLOAT	dBm	Mean TCP of a cell, that is, mean number of the sum of the TCP values reported in a certain period Unit: dBm	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MinRTWP	hua_cell_rxtxpower_tab.sftq0pjj6gcc0sqqbxouspa0r2	FLOAT	dBm	Minimum RTWP of a cell, that is, minimum value among all the RTWP values reported in a certain period Unit: dBm	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_MinTCP_NonHS	hua_cell_rxtxpower_tab.xuwrkh6bsybfxuvpjijyltuucv	FLOAT	dBm	Minimum TCP of a Non-HSDPA cell, that is, minimum value among all the TCP values reported in a certain period Unit: dBm	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum

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VS_MinTCP	hua_cell_rxtxpower_tab.u3ukas3krubtmbgxeldattueoe	FLOAT	dBm	Minimum TCP of a cell, that is, minimum value among all the TCP values reported in a certain period Unit: dBm	Minimum	hucasebh, huctbh, Sum, Minimum, Maximum
VS_RTWP_CUM	hua_cell_rxtxpower_tab.u06ktqgmkcboie45afa4qeuqgt	INTEGER	Seconds	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_RTWP_SAMPLE	hua_cell_rxtxpower_tab.sv6tndq5vicdebak1tflii0g5w	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_TCP_CUM_NoLog	hua_cell_rxtxpower_tab.xlsnxojlui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900R011:VS TCP CUM NoLog	Sum	hucasebh, huctbh
VS_TCP_CUM	hua_cell_rxtxpower_tab.t1wyyy2v4ucwpurntpcuwqwh2g	FLOAT	milliwatt	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_TCP_NonHS_CUM_NoLog	hua_cell_rxtxpower_tab.xlsnxollui2aidkrb02ofawjhk	FLOAT	#	Obsolete from UTRAN/V900R011:VS TCP NonHS CUM NoLog	Sum	hucasebh, huctbh
VS_TCP_NonHS_CUM	hua_cell_rxtxpower_tab.xsj4xb1konbqksgqm6mxjmyrxv	FLOAT	milliwatt	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_TCP_NonHS_SAMPLE_Log	hua_cell_rxtxpower_tab.yg0rhuvk3ubvjdcu0e2eqwcr33	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_TCP_NonH	hua_cell_rxtxpower_tab.xl	INTEG	#	Obsolete from	Sum	hucasebh

S_SAMPLE	snxoflui2aidkrb02ofawjhk	ER		UTRAN/V900R011:VS TCP NonHS SAMPLE		, huctbh
VS_TCP_SAMPLE_Log	hua_cell_rxtxpower_tab.xllsb0ytxxcvuemrlmvsudpgjs	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Sum	hucasebh, huctbh
VS_TCP_SAMPLE	hua_cell_rxtxpower_tab.xlsnxodlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900R011:VS TCP SAMPLE	Sum	hucasebh, huctbh

6.5.101Cell.Huawei.UMTS.SIR_Target_CS

Signal to Interference Ratio Target CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
UlSirTarget_Out_AMR_Out	hua_cell_sir_target_cs_tab.trjt6ij3xncpxund1blkkfqyfk	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_AMR_Total	hua_cell_sir_target_cs_tab.u6df334er4bw3tos5fd3v5gbvl	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_14_4_Out	hua_cell_sir_target_cs_tab.vlpvalcfrmbfjshnbdvhb2isii	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_14_4_Total	hua_cell_sir_target_cs_tab.vrogal2dwlcxktmx1u2ioo2p2i	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_28_8_Out	hua_cell_sir_target_cs_tab.xe1ljmuswbc1oce2mhbnt5fo3g	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

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UlSirTarget_Out_CSRT_28_8_Total	hua_cell_sir_target_cs_tab.rfkk1gmnnocmst155kxmbhpsxn	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_57_6_Out	hua_cell_sir_target_cs_tab.tvybpyx4fbcnpej6opxa3ihay2	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_57_6_Total	hua_cell_sir_target_cs_tab.ttsr2jovdlc2cubmr3xbukllyx	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_64_Out	hua_cell_sir_target_cs_tab.wsyutmaiiccx6uvos2inocf0hu	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_CSRT_64_Total	hua_cell_sir_target_cs_tab.ucin034j43bdpcktr4e2fcu1si	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULSirTarget_Out_AMR	hua_cell_sir_target_cs_tab.vuskamxddlctnu5hs4tbtrl6x3	FLOAT	%	Ratio of the time that the target SIR of the AMR service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_CSRT_64	hua_cell_sir_target_cs_tab.rehrlf1lp1ckyrs6m6gdyid0s5	FLOAT	%	Ratio of the time that the target SIR of the CSRT 64 K service used by all the UEs in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period		
VS_ULSirTarget_Out_CSRT14_4	hua_cell_sir_target_cs_tab.t2p2vagkoqbl1s40gcknidoto0	FLOAT	%	Ratio of the time that the target SIR of the CSRT 14.4 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_CSRT28_8	hua_cell_sir_target_cs_tab.w1wo2qmhqvbqyrl43bljhupsty	FLOAT	%	Ratio of the time that the target SIR of the CSRT 28.8 K service used by all the UEs in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.		
VS_ULSirTarget_Out_CSRT57_6	hua_cell_sir_target_cs_tab.tri2desha2cwurqihp3xd4bmkn	FLOAT	%	Ratio of the time that the target SIR of the CSRT 57.6 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.102Cell.Huawei.UMTS.SIR_Target_PS_NRT

Signal to Interference Ratio Target PS NRT data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
UlSirTarget_Out_PSNRT_128_Out	hua_cell_sir_targpsnrt_tab.v5hm0qcg5gb0irnc4jedyn2eg1	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

UlSirTarget_Out_PSNRT_128_Total	hua_cell_sir_targpsnrt_tab.voryagmibgci2rcrgb0gmna3up	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_144_Out	hua_cell_sir_targpsnrt_tab.ui3ft3tq4tbqsslrv66arriicx	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_144_Total	hua_cell_sir_targpsnrt_tab.vbcrh4vftyblmr5e1llqm3atuq	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_16_Out	hua_cell_sir_targpsnrt_tab.u62qogqh31bobunvn6bfjs3jt4	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_16_Total	hua_cell_sir_targpsnrt_tab.w4lemjqyv0ceht64nsimeylhsu	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_256_Out	hua_cell_sir_targpsnrt_tab.y3gibjeejtbugdhyf3yvvnpu35	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_256_Total	hua_cell_sir_targpsnrt_tab.vx2jcppq4rbt6ssxpkwmpndvtk	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_32_Out	hua_cell_sir_targpsnrt_tab.vdcnfpnxqgbkpujrk2kf0kdjtp	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_32_Total	hua_cell_sir_targpsnrt_tab.waptrfbduvckgr5phgfcjhllnk	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_384_Out	hua_cell_sir_targpsnrt_tab.rca2snbx52ccrss0ohgsmo0kaq	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_384_Total	hua_cell_sir_targpsnrt_tab.wofrdut2jxbyvritfp0pk1lh2j	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_64	hua_cell_sir_targpsnrt_tab.uh60ggryvtcg2cwsj06xh3	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

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UlSirTarget_Out_PSNRT_64_Total	hua_cell_sir_targpsnrt_tab.uyc4lfuo3qcdcdiy4ry4qyfxce	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_8_Out	hua_cell_sir_targpsnrt_tab.r6e32chryybqndfaqv0heseysd	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSNRT_8_Total	hua_cell_sir_targpsnrt_tab.su40ilhkmdccqd5t44j46uxele	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULSirTarget_Out_PSNRT128	hua_cell_sir_targpsnrt_tab.u5u1shyobnb1udx1tybkmqx5xr	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 128 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_PSNRT144	hua_cell_sir_targpsnrt_tab.tdfj3f13yjccrej1wf61khi2oc	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 144 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				to the time of the entire outer loop power control in a measurement period.		
VS_ULSirTarget_Out_PSNRT16	hua_cell_sir_targpsnrt_tab.xuuehguwnpck3sxrbybwatuxu5	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 16 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_PSNRT256	hua_cell_sir_targpsnrt_tab.ruxk4fi4h4b4mbp64lehekrw16	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 256 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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				to the time of the entire outer loop power control in a measurement period.		
VS_ULSirTarget_Out_PSNRT32	hua_cell_sir_targpsnrt_tab.v4jbwmhirhcl1tjlwggymhvxpv	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 32 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_PSNRT384	hua_cell_sir_targpsnrt_tab.rgydjb2rkuc2du1nuvbmcbvqi4	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 384 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				measurement period.		
VS_ULSirTarget_Out_PSNRT64	hua_cell_sir_targpsnrt_tab.ugoyjahsjccsurw2u2eaqnecoy	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 64 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.103Cell.Huawei.UMTS.SIR_Target_PS_RT

Signal to Interference Ratio Target PS RT data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
UlSirTarget_Out_PSRT_16_Out	hua_cell_sir_targpsrt_tab.u25nwgke6mc0rdjnjtaqfl012n	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_16_Total	hua_cell_sir_targpsrt_tab.scf40xlaowbgdsggvar0d4lrx3	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_32_Out	hua_cell_sir_targpsrt_tab.wmp4vp0uxrci4ti5mhqlo264me	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

UlSirTarget_Out_PSRT_32_Total	hua_cell_sir_targpsrt_tab.stigek6wkdb0qehwpwp0yr6xfi	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_64_Out	hua_cell_sir_targpsrt_tab.tjfcd43nhpcuedpfn2btnigywj	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_64_Total	hua_cell_sir_targpsrt_tab.tt0ak3usaycfddgcnnacx61bqy	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_8_Out	hua_cell_sir_targpsrt_tab.y0x2h0ybpab16ba5vcuxkaww6y	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
UlSirTarget_Out_PSRT_8_Total	hua_cell_sir_targpsrt_tab.rywupxeglob4jddlyyjeug3xhb	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_ULSirTarget_Out_PSNRT8	hua_cell_sir_targpsrt_tab.vrgl4kdcxfcl4cmmlg3injstqy	FLOAT	%	Ratio of the time that the target SIR of the PSNRT 8 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a measurement period	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_PSRT_16	hua_cell_sir_targpsrt_tab.sibs5dci16c6ict6d4cbahfuw2	FLOAT	%	Ratio of the time that the target SIR of the PSRT 16 K service used by all the UEs in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a		
VS_ULSirTarget_Out_PSRT_32	hua_cell_sir_targpsrt_tab.rds3n4i2oxbq5cbu0iahjlwwkb	FLOAT	%	Ratio of the time that the target SIR of the PSRT 32 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_ULSirTarget_Out_PSRT_64	hua_cell_sir_targpsrt_tab.tbd2qih1g3cokteyc2em22dimp	FLOAT	%	Ratio of the time that the target SIR of the PSRT 64 K service used by all the UEs in a cell remains at the maximum value in the outer loop	Average	hucasebh, huctbh, Sum, Minimum, Maximum

				power control in the uplink to the time of the entire outer loop power control in a		
VS_ULSirTarget_Out_PSRT_8	hua_cell_sir_targpsrt_tab.xoof5owvbgctydh3hdrby0ltll	FLOAT	%	Ratio of the time that the target SIR of the PSRT 8 K service used by all the UEs in a cell remains at the maximum value in the outer loop power control in the uplink to the time of the entire outer loop power control in a	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.104Cell.Huawei.UMTS.Soft_Handover

Soft Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_SHO_AMR_SuccOut	100 * {VS_SHO_AMR_SuccOut}/ {VS_SHO_AMR_AttOut}	FLOAT	%	Percentage successful soft handovers of different traffic classes initiated by the RNC in a cell	Average	hucasebh, huctbh
SHO_AttRLAdd	hua_cell_soft_handover_ta	INTEG	#	Number of	Sum	hucasebh

UESide	b.solp6xw1r2bybsygex3jeq5ddx	ER		RL additions to a cell in RNC-initiated soft handover.		, huctbh
SHO_AttRLDelUESide	hua_cell_soft_handover_tab.vnj0ae4ivvcu0bp5h4aq4gu1w0	INTEGER	#	Number of attempted RL deletions upon initiation of soft handover by the RNC in a cell.	Sum	hucasebh, huctbh
SHO_FailRLAddUESide_CfgUnsup	hua_cell_soft_handover_tab.sins3vthhgb14ena0nf00l6s1y	INTEGER	#	Number of RL addition failures in a cell after the RNC initiates the soft handover.	Sum	hucasebh, huctbh
SHO_FailRLAddUESide_InvCfg	hua_cell_soft_handover_tab.xtjucy4ahgb50tmeyxdyi5w3jj	INTEGER	#	Number of RL addition failures in a cell after the RNC initiates the soft handover.	Sum	hucasebh, huctbh
SHO_FailRLAddUESide_Isr	hua_cell_soft_handover_tab.spuho1qb0scqdtojcb63jaj2de	INTEGER	#	Number of RL addition failures in a cell after the RNC initiates the soft handover.	Sum	hucasebh, huctbh

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SHO_FailRLAddUESide_NoReply	hua_cell_soft_handover_tab.xhprjoda2obusuqv6ojjnkofmi	INTEGER	#	Number of RL addition failures due to no response from a UE after the RNC initiates a soft handover in a cell.	Sum	hucasebh, huctbh
SHO_SuccRLAddUESide	hua_cell_soft_handover_tab.uh6yviby0cb3prug0ks34dumgy	INTEGER	#	Number of successful RL additions in a cell after the RNC has initiated soft handover.	Sum	hucasebh, huctbh
SHO_SuccRLDelUESide	hua_cell_soft_handover_tab.s6iyw6nbs6by6tkqjujfrxepfq	INTEGER	#	Number of successful RL deletions upon initiation of soft handover by the RNC in a cell.	Sum	hucasebh, huctbh
VS_SHO_AddTimeMean	hua_cell_soft_handover_tab.rlvfh1bfgwc6dcbrwae5vxlo5n	FLOAT	milliseconds	Mean delay upon the sho algorithm decides to add a RL till the RRC ACTIVE SETUP UPDATE COMPLETE message is received from the UE, on a per cell basis. Unit: ms.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

VS_SHO_AMR_AttOut	hua_cell_soft_handover_tab.sxgf5nnsrqbqfuydced6chw1gp	INTEGER	#	Numbers of soft handovers decided to initiate by the RNC for different traffic classes in a cell.	Sum	hucasebh, huctbh
VS_SHO_AMR_SuccOut	hua_cell_soft_handover_tab.ui1504d34obojubkq2ve2bss5m	INTEGER	#	Numbers of successful soft handovers of different traffic classes initiated by the RNC in a cell	Sum	hucasebh, huctbh
VS_SHO_AS_1RL	hua_cell_soft_handover_tab.uh2kks2iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with only one RL in a cell, and the cell belongs to active set.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AS_2RL	hua_cell_soft_handover_tab.uh2kks4iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with two RLs in a cell, and the cell belongs to active set.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AS_3RL	hua_cell_soft_handover_tab.uh2kks6iyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with three RLs in	Average	hucasebh, huctbh, Sum, Minimu

				a cell, and the cell belongs to active set.		m, Maximum
VS_SHO_AS_4RL	hua_cell_soft_handover_tab.uh2kksdiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with four RLs in a cell, and the cell belongs to active set.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AS_5RL	hua_cell_soft_handover_tab.uh2kkshiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with five RLs in a cell, and the cell belongs to active set.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AS_6RL	hua_cell_soft_handover_tab.uh2kksliyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with six RLs in a cell, and the cell belongs to active set.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_SHO_AttRLAdd_Prep	hua_cell_soft_handover_tab.yearpnpupw2ahrhr0035xvpkr0	INTEGER	#	Number of decisions to trigger soft handovers with radio link addition	Sum	hucasebh, huctbh
VS_SHO_CS64_AttOut	hua_cell_soft_handover_tab.rdh3dajs3lbgrrsjhs43erb6sp	INTEGER	#	Numbers of soft handovers decided to initiate by the RNC for different traffic classes in a cell	Sum	hucasebh, huctbh
VS_SHO_CS64	hua_cell_soft_handover_ta	INTEG	#	Numbers of	Sum	hucasebh

_SuccOut	b.rchmphff62csvb2coacavpvtox	ER		successful soft handovers of different traffic classes initiated by the RNC in a cell.		, huctbh
VS_SHO_FailRLAdd_MinQualThd	hua_cell_soft_handover_tab.tfs3lhjm63cfhufqelwgviuopn	INTEGER	#	Obsolete in release Vn00R010. No description.	Sum	hucasebh, huctbh
VS_SHO_FailRLAdd_PreCac	hua_cell_soft_handover_tab.x4i01gkcq0cvyrdyxy4m5ln6bo	INTEGER	#	Obsolete in release Vn00R010. No description.	Sum	hucasebh, huctbh
VS_SHO_Prep_RLSetupFail	hua_cell_soft_handover_tab.ynweh36fvobb3u6kd5h4mqe1fx	INTEGER	#	Obsolete in release Vn00R010. Numbers of soft handover preparation failures due to different causes upon initiation of soft handover decision by the RNC in a cell	Sum	hucasebh, huctbh
VS_SHO_PS128_AttOut	hua_cell_soft_handover_tab.rwtf5lb4iyboku6h6kcagbifjr	INTEGER	#	Numbers of soft handovers decided to	Sum	hucasebh, huctbh

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				initiate by the RNC for different traffic classes in a cell.		
VS_SHO_PS128_SuccOut	hua_cell_soft_handover_tab.sdj4n3iicgboctwcy0nc30bxm5	INTEGER	#	Numbers of successful soft handovers of different traffic classes initiated by the RNC in a cell.	Sum	hucasebh, huctbh
VS_SHO_PS144_AttOut	hua_cell_soft_handover_tab.s0elujfpvtb0mb2t04tavlpnoo	INTEGER	#	Number of soft handover requests in PS domain (Max DL bit rate = 144 kbps)	Sum	hucasebh, huctbh
VS_SHO_PS144_SuccOut	hua_cell_soft_handover_tab.v243mcw1gtc2rt2hf0jspx1mul	INTEGER	#	Number of successful soft handovers in PS domain (Max DL bit rate = 144 kbps)	Sum	hucasebh, huctbh
VS_SHO_PS384_AttOut	hua_cell_soft_handover_tab.xj2r4korb6bssdy3hlfl03pflw	INTEGER	#	Numbers of soft handovers decided to initiate by the RNC for different traffic classes in a cell.	Sum	hucasebh, huctbh
VS_SHO_PS384	hua_cell_soft_handover_ta	INTEG	#	Numbers of	Sum	hucasebh

_SuccOut	b.r10t3xqy1lc33dylaymj52c1if	ER		successful soft handovers of different traffic classes initiated by the RNC in a cell.		, huctbh
VS_SHO_PS64_AttOut	hua_cell_soft_handover_tab.r1pu3cu10xcmhd5g04p2frtvhf	INTEGER	#	Numbers of soft handovers decided to initiate by the RNC for different traffic classes in a cell	Sum	hucasebh, huctbh
VS_SHO_PS64_SuccOut	hua_cell_soft_handover_tab.suqxr3lwm1ccgrakypxgtx4nf0	INTEGER	#	Numbers of successful soft handovers of different traffic classes initiated by the RNC in a cell.	Sum	hucasebh, huctbh
VS_SHO_SigOnly_AttOut	hua_cell_soft_handover_tab.yearpnlupw2ahrhr0035xvpkr0	INTEGER	#	Number of attempts in a cell to perform soft handovers when only signalling exists	Sum	hucasebh, huctbh
VS_SHO_SigOnly_SuccOut	hua_cell_soft_handover_tab.yearpnnupw2ahrhr0035x	INTEGER	#	Number of successful	Sum	hucasebh, huctbh

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	vpkr0			soft handovers in a cell performed when only signalling exists		

6.5.105Cell.Huawei.UMTS.Softer_Handover

Softer Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SoHO_ASU_AttRLAdd	hua_cell_softer_hover_tab.sru1rjtlwucr0sqxyk4hnxav2r	INTEGER	#	Number of RL additions in the softer handover initiated by RNC in a cell.	Sum	hucasebh, huctbh
VS_SoHO_ASU_AttRlDel	hua_cell_softer_hover_tab.tppsdx2cwkbxne6fn00f5wqpti	INTEGER	#	Number of attempted RL deletions in the RNC-initiated softer handover in a cell.	Sum	hucasebh, huctbh
VS_SoHO_ASU_FailRLAdd_CfgUns	hua_cell_softer_hover_tab.wru1xqih05bh5b6mwm651lkdku	INTEGER	#	Numbers of RL addition failures in the RNC-initiated softer handover due to different causes	Sum	hucasebh, huctbh
VS_SoHO_ASU_FailRLAdd_InvCfg	hua_cell_softer_hover_tab.rmcjf6ivoibr0slas6rq5bipfr	INTEGER	#	Numbers of RL addition failures in the RNC-initiated softer handover due to different causes	Sum	hucasebh, huctbh
VS_SoHO_ASU_FailRLAdd_	hua_cell_softer_hover_tab.txm5jure5mcewc1jtd2sd3g	INTEGER	#	Numbers of RL addition	Sum	hucasebh, huctbh

Isr	the			failures in the RNC-initiated softer handover due to different causes		
VS_SoHO_ASU_FailRLAdd_NoRepl	hua_cell_softer_hover_tab.va1vfjaxacbebtyhlo2t0o0tcx	INTEGER	#	Number of RL addition failures due to no response from the UE in the RNC-initiated softer handover.	Sum	hucasebh, huctbh
VS_SoHO_ASU_SuccRLAdd	hua_cell_softer_hover_tab.uj03hy40odbcnrwx6s1y2mfam5	INTEGER	#	Number of successful RL additions in the softer handover initiated by RNC in a cell.	Sum	hucasebh, huctbh
VS_SoHO_ASU_SuccRlDel	hua_cell_softer_hover_tab.r3mndsla21cofdkt1prvgpqnso	INTEGER	#	Number of successful RL deletions from a cell in the RNC-initiated softer handover	Sum	hucasebh, huctbh

6.5.106Cell.Huawei.UMTS.Throughput_AMR

Throughput AMR data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AMR_Erlang_BestCell	hua_cell_thruput_amr_tab.yearq04upw2ahrhr0035xvpkr0	FLOAT	#	Number of erlang of AMR service based on the best cell	Average	hucasebh, huctbh, Sum, Minimum, Maximu

						m
VS_AMRLoad_kbits_DL_Hi	hua_cell_thruput_amr_tab.ub2wgqjiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_AMRLoad_kbits_DL_Lo	hua_cell_thruput_amr_tab.ub2wgqliyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_AMRLoad_kbits_DL	hua_cell_thruput_amr_tab.ub2wgqhiyy2ahdha0035xkcuc6	FLOAT	kbits	This measurement item takes statistics of the DL volume of CS AMR service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_AMRLoad_kbits_UL_Hi	hua_cell_thruput_amr_tab.ub2wgqpiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_AMRLoad_kbits_UL_Lo	hua_cell_thruput_amr_tab.ub2wgqriyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_AMRLoad_kbits_UL	hua_cell_thruput_amr_tab.ub2wgqniyy2ahdha0035xkcuc6	FLOAT	kbits	This measurement item takes statistics of the UL volume of CS AMR service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.107Cell.Huawei.UMTS.Throughput_CS_Conv

Throughput CS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
CS_CONV_KBPS_DL_64_Thruput	hua_cell_thruput_cscv_tab.vou00o6hx0be5ddj602mrrocyk	INT8	bits	No description available.	Sum	hucasebh, huctbh
CS_CONV_	hua_cell_thruput_cscv_tab	INTEG	millisec	No description	Sum	hucasebh

KBPS_DL_64_Times	.v1bfwcb1khcb6dd5jppj4xcpct	ER	onds	available.		, huctbh
VS_CS_Conv_Kbps_DL64	hua_cell_thruput_cscv_tab.uf5pahwibcbs5rjcn5v1jfdgmv	FLOAT	kbps	This item provides the average DL bit rate of CS 64K conversational traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.108Cell.Huawei.UMTS.Throughput_CS_Stream

Throughput CS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
CS_STR_KBPS_DL_57_6_Thruput	hua_cell_thruput_csstr_tab.wvayxf2sl2bh6ckdxeuafqqigh	INT8	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
CS_STR_KBPS_DL_57_6_Times	hua_cell_thruput_csstr_tab.tvkm203agacsuutrkbu0o3jm45	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
CS_STR_KBPS_DL_64_Thruput	hua_cell_thruput_csstr_tab.tro4lshx0ib3yc54s5o450ejnj	INT8	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
CS_STR_KBPS_DL_64_Times	hua_cell_thruput_csstr_tab.xrfy01uyvwcvbe3ym5o6btmrvb	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh

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CS_STR_KBPS_UL_64_Thruput	hua_cell_thruput_csstr_tab.sse1s5jw6vbjjbx2ty2mp2kur6	INT8	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
CS_STR_KBPS_UL_64_Times	hua_cell_thruput_csstr_tab.tefq2pc2u0cfabaepbgw1syqin	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
VS_CS_Str_Kbps_DL57_6	hua_cell_thruput_csstr_tab.w5jxf2kiojclmremu16kj1lgi1	FLOAT	kbps	This item provides the average DL bit rate of CS 57.6K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CS_Str_Kbps_DL64	hua_cell_thruput_csstr_tab.xt34gjn3bdcchr6h2yv6xnk5is	FLOAT	kbps	This item provides the average DL bit rate of CS 64K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CS_Str_Kbps_UL64	hua_cell_thruput_csstr_tab.u230mytywic6crhbd2htadbi2m	FLOAT	kbps	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.109Cell.Huawei.UMTS.Throughput_MBMS

Throughput for MBMS

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MBMS_PTM_MeanThroughput_Cell	hua_throughput_mbms_tab.yearq0bupw2ahrhr0035xvpkr0	FLOAT	Kbps	No description available	Sum	hucasebh, huctbh

VS_MBMS_PTP_MeanThroughput_Cell	hua_throughput_mbms_tab.yearq0dupw2ahrhr0035xvpkr0	FLOAT	Kbps	No description available	Sum	hucasebh, huctbh

6.5.110Cell.Huawei.UMTS.Throughput_PS_Bkg_DL

Throughput PS Background Downlink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PS_BKG_KBPS_DL_128_Thruput	hua_cell_thruput_psbgdl_tab.rr0fsels0uci6tth2siuqn05do	FLOAT	bits	This item provides the average DL bit rate of PS 128K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_128_Times	hua_cell_thruput_psbgdl_tab.y351wbfcfecv5dyi2cocnkdo01	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_144_Thruput	hua_cell_thruput_psbgdl_tab.rys4op215yc4yt2yb52ojn2c6x	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_144_Times	hua_cell_thruput_psbgdl_tab.xx132012vyb1ddbjn5210vq2bi	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_16_Thruput	hua_cell_thruput_psbgdl_tab.ybgrnm366ibi6b2xy1lanmex5g	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

PS_BKG_KBPS_DL_16_Times	hua_cell_thruput_psbgdl_tab.u2xxolxbdnb1cc14sa4qoy45nu	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_256_Thruput	hua_cell_thruput_psbgdl_tab.rcjpgbutv6ba6emoqq4ncyfvpi	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_256_Times	hua_cell_thruput_psbgdl_tab.ym6yupdgikcscrdyybqkun26rr	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_32_Thruput	hua_cell_thruput_psbgdl_tab.vkyvdwk4t0bhksa2xwtk651afc	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_32_Times	hua_cell_thruput_psbgdl_tab.tndepp64ffby0sd21tehvtj24t	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_384_Thruput	hua_cell_thruput_psbgdl_tab.rvul2yydn0bckt43yyqhwnrskn	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_384_Times	hua_cell_thruput_psbgdl_tab.xgphd0qc4ccldbgbme3f45xibw	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
PS_BKG_KBPS_DL_64_Thruput	hua_cell_thruput_psbgdl_tab.umqmklix0jbp2b04r4505wtx1v	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_K	hua_cell_thruput_psbgdl_t	INTEG	millisec	No description	Sum	hucasebh

BPS_DL_64_Times	ab.w2jnkd1lnkccrbcoj4d5atysx6	ER	onds	available.		, huctbh
PS_BKG_KBPS_DL_8_Thruput	hua_cell_thruput_psbgdl_tab.yye4ijp6rvb0se6gmts1illvqn	FLOAT	bits	No description available.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_BKG_KBPS_DL_8_Times	hua_cell_thruput_psbgdl_tab.uwfaxn56becwgeeq6kwxdlcplm	INTEGER	milliseconds	No description available.	Sum	hucasebh, huctbh
VS_PS_Bkg_Kbps_DL128	hua_cell_thruput_psbgdl_tab.s3wahbaxmabffc032cdsdf1cc5	FLOAT	kbps	This item provides the average DL bit rate of PS 128K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL144	hua_cell_thruput_psbgdl_tab.tbpjoasc5ucqntnw2gyr5btebl	FLOAT	kbps	This item provides the average DL bit rate of PS 144K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL16	hua_cell_thruput_psbgdl_tab.wi4m0g5yoybwcu1jr2k5w45yar	FLOAT	kbps	This item provides the average DL bit rate of PS 16K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL256	hua_cell_thruput_psbgdl_tab.xkq341vui3b6ndpkfmhqbwl2hl	FLOAT	kbps	This item provides the average DL bit rate of PS 256K	Average	hucasebh, huctbh, Sum, Minimum,

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				background traffic in a cell.		Maximum
VS_PS_Bkg_Kbps_DL32	hua_cell_thruput_psbgdl_tab.rnjd0onld6cfee03qumoytkflr	FLOAT	kbps	This item provides the average DL bit rate of PS 32K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL384	hua_cell_thruput_psbgdl_tab.tnjemyydupcq2dovg65cwn0oiv	FLOAT	kbps	This item provides the average DL bit rate of PS 384K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL64	hua_cell_thruput_psbgdl_tab.xm3daydxkocdwefd3dvui44k1r	FLOAT	kbps	This item provides the average DL bit rate of PS 64K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_DL8	hua_cell_thruput_psbgdl_tab.s1iohklu3ycrpdhlv3hdf12k2s	FLOAT	kbps	This item provides the average DL bit rate of PS 8K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.111Cell.Huawei.UMTS.Throughput_PS_Bkg_UL

Throughput PS Background Uplink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PS_BKG_KBPS_UL_128_Thruput	hua_cell_thruput_psbgul_tab.ysrkftrkjpbuur543bgihl1uac	INT8	bits	Throughput of PS Uplink 128 kbit/s Background	Sum	hucasebh, huctbh

				Service for Cell		
PS_BKG_KBPS_UL_128_Times	hua_cell_thruput_psbgul_tab.sl2b3lo3u4c6fu12koq1fbfnde	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_144_Thruput	hua_cell_thruput_psbgul_tab.y3me2dimldbhvevsyi0y355poq	INT8	bits	Throughput of PS Uplink 144 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_144_Times	hua_cell_thruput_psbgul_tab.rtionedpjecqecuwkqb2pi4fma	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_16_Thruput	hua_cell_thruput_psbgul_tab.uuc12vdguuccqrmlfxr5ckaarv	INT8	bits	Throughput of PS Uplink 16 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_16_Times	hua_cell_thruput_psbgul_tab.sfvfsiia3xblqsy5hbhr1lngny	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_256_Thruput	hua_cell_thruput_psbgul_tab.rbmjyfxq2sbv2ejjjgn4wm6ase	INT8	bits	Throughput of PS Uplink 256 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_256_Times	hua_cell_thruput_psbgul_tab.y013pdnb5lclwtonsdlt2numlw	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_32_Thruput	hua_cell_thruput_psbgul_tab.vbwwvryqopbleey240a3gktfma	INT8	bits	Throughput of PS Uplink 32 kbit/s Background	Sum	hucasebh, huctbh

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				Service for Cell		
PS_BKG_KBPS_UL_32_Times	hua_cell_thruput_psbgul_tab.uqw6kuixakcjrtiyidyb2keljc	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_384_Thruput	hua_cell_thruput_psbgul_tab.ykuq3kkeuwbgkr2ll4j0yljd3k	INT8	bits	Throughput of PS Uplink 384 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_384_Times	hua_cell_thruput_psbgul_tab.ydcwawnmxpbm5d6xae2togghls	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_64_Thruput	hua_cell_thruput_psbgul_tab.www0rg4n3obcje4iyedpfw5myr	INT8	bits	Throughput of PS Uplink 64 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_64_Times	hua_cell_thruput_psbgul_tab.witbp0d5frcpqc0bjo4461uayy	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_8_Thruput	hua_cell_thruput_psbgul_tab.tcktq1i0kvb0sc2fdhwcp4myvf	INT8	bits	Throughput of PS Uplink 8 kbit/s Background Service for Cell	Sum	hucasebh, huctbh
PS_BKG_KBPS_UL_8_Times	hua_cell_thruput_psbgul_tab.uqnfdoqaxxbwwbft52jly4ng5h	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_PS_Bkg_Kbps_UL128	hua_cell_thruput_psbgul_tab.uck1coxb52cfde4jp46oei164x	FLOAT	kbps	This item provides the average UL bit rate of PS 128K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_	hua_cell_thruput_psbgul_t	FLOAT	kbps	This item	Average	hucasebh

Kbps_UL144	ab.w22ggssk4eb2gdvmklfsn4iuyi			provides the average UL bit rate of PS 144K background traffic in a cell.		, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_UL16	hua_cell_thruput_psbgul_tab.sk51mpybrabneulbgeqrx6e4ti	FLOAT	kbps	This item provides the average UL bit rate of PS 16K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_UL256	hua_cell_thruput_psbgul_tab.tuohdhis20c1gb3waanbfmult2	FLOAT	kbps	This item provides the average UL bit rate of PS 256K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_UL32	hua_cell_thruput_psbgul_tab.xh4ydj54b5cgsrgkp4brynggv2	FLOAT	kbps	This item provides the average UL bit rate of PS 32K background traffic in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_UL384	hua_cell_thruput_psbgul_tab.yoreryqvpgcowb4utvmjboouxq	FLOAT	kbps	This item provides the average UL bit rate of PS 384K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Bkg_Kbps_UL64	hua_cell_thruput_psbgul_tab.xyu4ficjnkb0edfoxs4ari6nye	FLOAT	kbps	This item provides the average UL bit rate of PS 64K	Average	hucasebh, huctbh, Sum, Minimu

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				background traffic in a cell.		m, Maximum
VS_PS_Bkg_Kbps_UL8	hua_cell_thruput_psbgul_tab.y2q2rj0dcuc5vtwbbquokcgqc1	FLOAT	kbps	This item provides the average UL bit rate of PS 8K background traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.112Cell.Huawei.UMTS.Throughput_PS_Conv

Throughput PS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PS_CONV_KBPS_DL_8_Thruput	hua_cell_thruput_pscv_tab.wja454n6xebnote4jimj2aoxj6	INT8	bits	No description.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_CONV_KBPS_DL_8_Times	hua_cell_thruput_pscv_tab.y3kq1qnjdjbl6ufs3vxecbw0ba	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_PS_Conv_Kbps_DL8	hua_cell_thruput_pscv_tab.uol3ujkmojbiiuef6l02m6os44	FLOAT	kbps	This item provides the average DL bit rate of PS 8K conversational traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.113Cell.Huawei.UMTS.Throughput_PS_Inter_DL

Throughput PS Interactive Downlink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

Cell_ASE_busy_hour	hua_cell_thruput_psitdl_tab.wofe3t6h1gb1rtbp1iokv2cje3	FLOAT	kbps	Cell ASE busy hour measurement.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
PS_INTER_KBPS_DL_128_Thruput	hua_cell_thruput_psitdl_tab.rk2akaf34tcf5eifhlxai3e1cr	INT8	bits	Throughput of PS Downlink 128 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_128_Times	hua_cell_thruput_psitdl_tab.xsnm2jsc64cmascp1q2jyd6ofn	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_144_Thruput	hua_cell_thruput_psitdl_tab.yaxsrctggfbrds5vmvkyqxrfdn	INT8	bits	Throughput of PS Downlink 144 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_144_Times	hua_cell_thruput_psitdl_tab.srfxy4cgfkbfnbcxg42iwvkh4m	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_16_Thruput	hua_cell_thruput_psitdl_tab.wymm5qhclhbt0bhyppg2s2fimf	INT8	bits	Throughput of PS Downlink 16 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_16_Times	hua_cell_thruput_psitdl_tab.sab352bcy5bqsux4rhxe5phtjm	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_256_Thruput	hua_cell_thruput_psitdl_tab.wwnda34hgvcbmsg0a4epw4go2k	INT8	bits	Throughput of PS Downlink 256 kbit/s	Sum	hucasebh, huctbh

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				Interactive Service for Cell		
PS_INTER_KBPS_DL_256_Times	hua_cell_thruput_psitdl_tab.tjg2odsgeucxqu32n41b3uascy	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_32_Thruput	hua_cell_thruput_psitdl_tab.tqladqcoeicuqc43c2yqaffjry	INT8	bits	Throughput of PS Downlink 32 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_32_Times	hua_cell_thruput_psitdl_tab.xt3lunc2nybuksy25cvdnasuqi	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_384_Thruput	hua_cell_thruput_psitdl_tab.w2p2vdr1l3bsfr2bokivoquotl	INT8	bits	Throughput of PS Downlink 384 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_384_Times	hua_cell_thruput_psitdl_tab.woftsg54k0bcitwpadnabgnjxq	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_64_Thruput	hua_cell_thruput_psitdl_tab.vrsspspg2nbr1tfcti6yw0mgw4	INT8	bits	Throughput of PS Downlink 64 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_64_Times	hua_cell_thruput_psitdl_tab.wsxirrr2ltbavucnboxuv0fwbn	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_DL_8_Thruput	hua_cell_thruput_psitdl_tab.up0l1vwr5ec14sw0k5msgy4cr0	INT8	bits	Throughput of PS Downlink 8 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_	hua_cell_thruput_psitdl_ta	INTEG	millisec	No description.	Sum	hucasebh

KBPS_DL_8_Times	b.wvnjx6orj6bvptl3o5ttxlrcrj	ER	onds			, huctbh
VS_PS_Int_Kbps_DL128	hua_cell_thruput_psitdl_tab.uoo1j6lxabbo2uesrnn2e5ffic	FLOAT	kbps	This item provides the average DL bit rate of PS 128K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL144	hua_cell_thruput_psitdl_tab.xsewjku1k5bnhcxbp2v22rlvrc	FLOAT	kbps	This item provides the average DL bit rate of PS 144K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL16	hua_cell_thruput_psitdl_tab.u4sjxgtaiqbagrl3eqd4uii0cw	FLOAT	kbps	This item provides the average DL bit rate of PS 16K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL256	hua_cell_thruput_psitdl_tab.sbksxsgyqfckvbyleqxdr0akb0	FLOAT	kbps	This item provides the average DL bit rate of PS 256K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL32	hua_cell_thruput_psitdl_tab.wba6ckobv6c0xbm4xdfs3tmlku	FLOAT	kbps	This item provides the average DL bit rate of PS 32K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_	hua_cell_thruput_psitdl_ta	FLOAT	kbps	This item	Average	hucasebh

Kbps_DL384	b.tmbk6an0bybnde02rrlue6p5x5			provides the average DL bit rate of PS 384K interactive traffic in a cell.		, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL64	hua_cell_thruput_psitdl_tab.s2p0w6pnv4cayejcd0vqlv5ve2	FLOAT	kbps	This item provides the average DL bit rate of PS 64K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_DL8	hua_cell_thruput_psitdl_tab.ujh26523u4by1ujs0cdka3ofgk	FLOAT	kbps	This item provides the average DL bit rate of PS 8K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.114Cell.Huawei.UMTS.Throughput_PS_Inter_UL

Throughput PS Interactive Uplink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PS_INTER_KBPS_UL_128_Thruput	hua_cell_thruput_psitul_tab.r3eku6wthtb42u3joaniu226mu	INT8	bits	Throughput of PS Uplink 128 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_128_Times	hua_cell_thruput_psitul_tab.u3g0vr1hxlc5reitd5vkfak1ki	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_144_Thruput	hua_cell_thruput_psitul_tab.usng0puoghbnhsrngvnj56ys53	INT8	bits	Throughput of PS Uplink 144 kbit/s Interactive Service for	Sum	hucasebh, huctbh

				Cell		
PS_INTER_KBPS_UL_144_Times	hua_cell_thruput_psitul_tab.smmywmbnabbrwutvikukwcunlm	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_16_Thruput	hua_cell_thruput_psitul_tab.xn5vms54q4cbksg2mb6eq1jfiu	INT8	bits	Throughput of PS Uplink 16 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_16_Times	hua_cell_thruput_psitul_tab.xmhxknmxfacwqcjbay5pkiltby	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_256_Thruput	hua_cell_thruput_psitul_tab.xfide0htefb4luxu1i4aoj2ynr	INT8	bits	Throughput of PS Uplink 256 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_256_Times	hua_cell_thruput_psitul_tab.s6hrjajtxoboncnsras00wnjl0	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_32_Thruput	hua_cell_thruput_psitul_tab.x1aqm26ojwcdceqlwtqa5a05dw	INT8	bits	Throughput of PS Uplink 32 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_32_Times	hua_cell_thruput_psitul_tab.xsmlc4xpilb5eerth2fkcmksr5	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_384_Thruput	hua_cell_thruput_psitul_tab.rokc2y6o0ybp2ruadhi15om1sv	INT8	bits	Throughput of PS Uplink 384 kbit/s Interactive Service for	Sum	hucasebh, huctbh

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				Cell		
PS_INTER_KBPS_UL_384_Times	hua_cell_thruput_psitul_tab.rayelttsakbk1uw11c3b0vxr6i	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_64_Thruput	hua_cell_thruput_psitul_tab.ywaruul2rqbh0dobapaa0cx3pp	INT8	bits	Throughput of PS Uplink 64 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_64_Times	hua_cell_thruput_psitul_tab.x3g1gy6p3ecexddhf4crtpjopf	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_8_Thruput	hua_cell_thruput_psitul_tab.s3v53dyh15contni1upiwmc5a6	INT8	bits	Throughput of PS Uplink 8 kbit/s Interactive Service for Cell	Sum	hucasebh, huctbh
PS_INTER_KBPS_UL_8_Times	hua_cell_thruput_psitul_tab.sird0pp2fsbettmspuae2q226o	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_PS_Int_Kbps_UL128	hua_cell_thruput_psitul_tab.u3i5cumej0brceax1m13wx2dhx	FLOAT	kbps	This item provides the average UL bit rate of PS 128K interactive traffic in a cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL144	hua_cell_thruput_psitul_tab.shgc5uwhumcutdpbplkksqte5q	FLOAT	kbps	This item provides the average UL bit rate of PS 144K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL16	hua_cell_thruput_psitul_tab.usmj1w0ofacbxt1vnuieeovchj	FLOAT	kbps	This item provides the average UL bit rate of PS 16K interactive	Average	hucasebh, huctbh, Sum, Minimum,

				traffic in a cell.		Maximum
VS_PS_Int_Kbps_UL256	hua_cell_thruput_psitul_tab.vuhs5tfoq2cnauya5i5mcuxo15	FLOAT	kbps	This item provides the average UL bit rate of PS 256K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL32	hua_cell_thruput_psitul_tab.yufvaw4f65bqwcejulyc1aadvv	FLOAT	kbps	This item provides the average UL bit rate of PS 32K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL384	hua_cell_thruput_psitul_tab.uuq3vlp0j5bsauaw2tgvasph4v	FLOAT	kbps	This item provides the average UL bit rate of PS 384K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL64	hua_cell_thruput_psitul_tab.utnmle2h6vb4ievtkqm2cu0tia	FLOAT	kbps	This item provides the average UL bit rate of PS 64K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Int_Kbps_UL8	hua_cell_thruput_psitul_tab.wfcev2aj0hbyysnujfrh0vr0lw	FLOAT	kbps	This item provides the average UL bit rate of PS 8K interactive traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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6.5.115Cell.Huawei.UMTS.Throughput_PS_Stream

Throughput PS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PS_STR_KBPS_DL_128_Thruput	hua_cell_thruput_psstr_tab.ybmu3ebhn3c6sd0hjrr3tbl2f2	INT8	bits	Throughput of PS Downlink 128 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_128_Times	hua_cell_thruput_psstr_tab.u5xxkum0isb3stk2jcohdu61cs	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_144_Thruput	hua_cell_thruput_psstr_tab.rn3taoiha0crwtqs3wcfrngosf	INT8	bits	Throughput of PS Downlink 144 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_144_Times	hua_cell_thruput_psstr_tab.t2gbqohllgbpdek5ndyyida4rs	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_32_Thruput	hua_cell_thruput_psstr_tab.t1lxf4lcpxcqhd0b6pwx6iqu1q	INT8	bits	Throughput of PS Downlink 32 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_32_Times	hua_cell_thruput_psstr_tab.vpf54vlgihbcxdmyub2aeopcv6	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_64_Thruput	hua_cell_thruput_psstr_tab.xaq46gmxcvb40bcgqk1ic6yyhp	INT8	bits	Throughput of PS Downlink 64 kbit/s Streaming for Cell	Sum	hucasebh, huctbh
PS_STR_KBPS_DL_64_Times	hua_cell_thruput_psstr_tab.whxmbvjickbu5sbwidt6dng3ph	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh

PS_STR_KB PS_UL_16_Thruput	hua_cell_thruput_psstr_tab.u566c20fulcbqbry4wqeta1l0e	INT8	bits	Throughput of PS Uplink 16 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KB PS_UL_16_Times	hua_cell_thruput_psstr_tab.sxfsf0fhoabsse4gcblq1f43xk	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_STR_KB PS_UL_32_Thruput	hua_cell_thruput_psstr_tab.r2scpi6343cpmdqqyoe3ff001f	INT8	bits	Throughput of PS Uplink 32 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KB PS_UL_32_Times	hua_cell_thruput_psstr_tab.y2coipg630c2ysnascixg4cqvn	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
PS_STR_KB PS_UL_64_Thruput	hua_cell_thruput_psstr_tab.v5x014430hb6rdjk2wbflquces	INT8	bits	Throughput of PS Uplink 64 kbit/s Streaming Service for Cell	Sum	hucasebh, huctbh
PS_STR_KB PS_UL_64_Times	hua_cell_thruput_psstr_tab.uav00iympecngr5pafjsqvl3qg	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_PS_Str_Kbps_DL128	hua_cell_thruput_psstr_tab.wys3y1qn15bhbekhyeg63x5p0i	FLOAT	kbps	This item provides the average DL bit rate of PS 128K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Str_Kbps_DL144	hua_cell_thruput_psstr_tab.vw6o2jkunbc3qri543wobxako1	FLOAT	kbps	This item provides the average DL bit	Average	hucasebh, huctbh, Sum,

				rate of PS 144K streaming traffic in a cell.		Minimum, Maximum
VS_PS_Str_Kbps_DL32	hua_cell_thruput_psstr_tab.wg0jcspke2bwdtrqsd1gpmfnqj	FLOAT	kbps	This item provides the average DL bit rate of PS 32K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Str_Kbps_DL64	hua_cell_thruput_psstr_tab.y6vlbmgyglc4qe5ol5o4q5ghdg	FLOAT	kbps	This item provides the average DL bit rate of PS 64K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Str_Kbps_UL16	hua_cell_thruput_psstr_tab.v1tg5ru0l1b4mbev03kapmdhyb	FLOAT	kbps	This item provides the average UL bit rate of PS 16K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Str_Kbps_UL32	hua_cell_thruput_psstr_tab.ueghfxl4tfcs1bhwta4ghasvwr	FLOAT	kbps	This item provides the average UL bit rate of PS 32K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PS_Str_Kbps_UL64	hua_cell_thruput_psstr_tab.sr6gajcitjbuiufbur326derdh	FLOAT	kbps	This item provides the average UL bit rate of PS 64K streaming traffic in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.116Cell.Huawei.UMTS.Throughput_PS

Packet Switch throughput.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PSLoad_kbits_DL_0_32_Hi	hua_cell_thruput_ps_tab.uh2kknriyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_0_32_Lo	hua_cell_thruput_ps_tab.uh2kkntiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_0_32	hua_cell_thruput_ps_tab.uh2kknpiyy2ahdha0035xkcuc6	FLOAT	kbits	DL Throughput of PS 0 to 32 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_DL_144_384_Hi	hua_cell_thruput_ps_tab.uh2kknxiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_144_384_Lo	hua_cell_thruput_ps_tab.uh2kko0iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_144_384	hua_cell_thruput_ps_tab.uh2kknviyy2ahdha0035xkcuc6	FLOAT	kbits	DL Throughput of PS 144 to 384 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_DL_32_64_Hi	hua_cell_thruput_ps_tab.uh2kko4iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_32_64_Lo	hua_cell_thruput_ps_tab.uh2kko6iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_k	hua_cell_thruput_ps_tab.u	FLOAT	kbits	DL Throughput	Constant	hucasebh

bits_DL_32_64	h2kko2iyy2ahdha0035xkcuc6			of PS 32 to 64 kbit/s BE service in the best cell.		, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_DL_64_144_Hi	hua_cell_thruput_ps_tab.uh2kkodiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_64_144_Lo	hua_cell_thruput_ps_tab.uh2kkofiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_DL_64_144	hua_cell_thruput_ps_tab.uh2kkobiyy2ahdha0035xkcuc6	FLOAT	kbits	DL Throughput of PS 64 to 144 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_UL_0_32_Hi	hua_cell_thruput_ps_tab.uh2kkojiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_0_32_Lo	hua_cell_thruput_ps_tab.uh2kkoliyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_0_32	hua_cell_thruput_ps_tab.uh2kkohiyy2ahdha0035xkcuc6	FLOAT	kbits	UL Throughput of PS 0 to 32 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_UL_144_384_Hi	hua_cell_thruput_ps_tab.uh2kkopiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_144_384_Lo	hua_cell_thruput_ps_tab.uh2kkoriyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_144_	hua_cell_thruput_ps_tab.uh2kkoniyy2ahdha0035xkc	FLOAT	kbits	UL Throughput of PS 144 to	Constant	hucasebh, huctbh,

384	uc6			384 kbit/s BE service in the best cell.		Sum, Minimum, Maximum
VS_PSLoad_kbits_UL_32_64_Hi	hua_cell_thruput_ps_tab.uh2kkoviyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_32_64_Lo	hua_cell_thruput_ps_tab.uh2kkoxiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_32_64	hua_cell_thruput_ps_tab.uh2kkotiyy2ahdha0035xkcuc6	FLOAT	kbits	UL Throughput of PS 32 to 64 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_PSLoad_kbits_UL_64_144_Hi	hua_cell_thruput_ps_tab.uh2kkp2iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_64_144_Lo	hua_cell_thruput_ps_tab.uh2kkp4iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_PSLoad_kbits_UL_64_144	hua_cell_thruput_ps_tab.uh2kkp0iyy2ahdha0035xkcuc6	FLOAT	kbits	UL Throughput of PS 64 to 144 kbit/s BE service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.117Cell.Huawei.UMTS.Throughput_SRB

Throughput Signalling Radio Bearer data

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_DcchSrbKbps_Dl_Thruput	hua_cell_thruput_srb_tab.w6oc1vbiwkb1eetvm2jf2bfaof	INT8	bits	Throughput DL bit rate of signalling on DCCH in a cell.	Sum	hucasebh, huctbh
VS_DcchSrbKbps_Dl_Times	hua_cell_thruput_srb_tab.ubnfd62krjbcjdvtthcg2sseqn	INTEGER	milliseconds	Times DL bit rate of signalling on DCCH in a cell.	Sum	hucasebh, huctbh
VS_DcchSrbKbps_Dl	hua_cell_thruput_srb_tab.sr3cw6vahjbcge3rlc1l45s1uh	FLOAT	kbps	This item provides the average DL bit rate of signalling on DCCH in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_DcchSrbKbps_Ul_Thruput	hua_cell_thruput_srb_tab.wahvujmw3ybryrsmvk6vqwdm34	INT8	bits	Throughput UL bit rate of signalling on DCCH in a cell.	Sum	hucasebh, huctbh
VS_DcchSrbKbps_Ul_Times	hua_cell_thruput_srb_tab.tvvnkvypoocavupwtwnr4j3djb	INTEGER	milliseconds	Times UL bit rate of signalling on DCCH in a cell.	Sum	hucasebh, huctbh
VS_DcchSrbKbps_Ul	hua_cell_thruput_srb_tab.u2hn2lonxvcwxdubbt2cni3ex6	FLOAT	kbps	This item provides the average UL bit rate of signalling on DCCH in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.118Cell.Huawei.UMTS.Throughput_VP

VP throughput measurement.

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_VP_Erlang_BestCell	hua_cell_thruput_vp_tab.yearq06upw2ahrhr0035xvpkr0	FLOAT	#	Number of erlang of VP service based on the best cell	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_VPLoad_kbits_DL_HIGH	hua_cell_thruput_vp_tab.uh2kkt4iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_VPLoad_kbits_DL_LOW	hua_cell_thruput_vp_tab.uh2kkt6iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_VPLoad_kbits_DL	hua_cell_thruput_vp_tab.uh2kkt2iyy2ahdha0035xkcuc6	FLOAT	kbits	DL volume of CS VP service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum
VS_VPLoad_kbits_UL_HIGH	hua_cell_thruput_vp_tab.uh2kktdiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_VPLoad_kbits_UL_LOW	hua_cell_thruput_vp_tab.uh2kktfiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_VPLoad_kbits_UL	hua_cell_thruput_vp_tab.uh2kktbiyy2ahdha0035xkcuc6	FLOAT	kbits	UL volume of CS VP service in the best cell.	Constant	hucasebh, huctbh, Sum, Minimum, Maximum

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.5.119Cell.Huawei.UMTS.Traffic_CS

CS Traffic data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_MAC_SRNCIubBytesCS_RX	{VS_MAC_SRNCIubBytesCSConv_Rx} + {VS_MAC_SRNCIubBytesCSStr_Rx}	INT8	Byte	Total number of UL MAC PDU bytes on the CS conversational and streaming services bearer over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesCS_TX	{VS_MAC_SRNCIubBytesCSConv_Tx} + {VS_MAC_SRNCIubBytesCSStr_Tx}	INT8	Byte	Total number of DL MAC PDU bytes on the CS conversational and streaming services bearer over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesCSConv	{VS_MAC_SRNCIubBytesCSConv_Rx} + {VS_MAC_SRNCIubBytesCSConv_Tx}	INT8	Byte	Total number of UL and DL MAC PDU bytes on the CS conversational service bearer over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesCSStr	{VS_MAC_SRNCIubBytesCSStr_Rx} + {VS_MAC_SRNCIubBytesCSStr_Tx}	INT8	Byte	Total number of UL and DL MAC PDU bytes on the CS streaming service bearer over the Iub interface in a	Sum	hucasebh, huctbh

				cell.		
VS_MAC_SRNCIubBytesCSConv_Rx	hua_cell_traffic_cs_tab.wny1xrre20cdiekidiinrfljqh	INT8	bytes	Number of UL MAC PDU bytes sent by the SRNC to the MAC-d on the CS conversational service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesCSConv_Tx	hua_cell_traffic_cs_tab.vw5c4nt4j3bn2em1uawkrjglqy	INT8	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the CS conversational service bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesCSStr_Rx	hua_cell_traffic_cs_tab.roy0yrpfv5cdurg6rfqgyqjrtf	INT8	bytes	Number of UL MAC PDU bytes sent by the SRNC to the MAC-d on the CS streaming service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesCSStr_Tx	hua_cell_traffic_cs_tab.x1niyjeabxbgqrbsigrouqifwd	INT8	bytes	Number of bytes of the	Sum	hucasebh, huctbh

				DL MAC PDU sent by the SRNC on the CS streaming service bearer DCH FP over the Iub interface in a cell.		

6.5.120Cell.Huawei.UMTS.Traffic_Global

Global Traffic data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
BCCH_SRB_KBPS_DL_Times	hua_cell_traffic_global_tab.rob4jldhyfbaisurigubmq6jpu	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
BCCH_SRB_KBPS_DL_Volume	hua_cell_traffic_global_tab.svq6tvqjc2b1csoffn1lvxpsj2	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_BcchSrbKbps_Dl	hua_cell_traffic_global_tab.xltsnfgykfbptsfjl0irwr1dmr	FLOAT	Kbps	This item provides the bit rate at which the CRNC transmits DL data on Iub BCCH logical channel.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CcchSrbKbps_Dl_Times	hua_cell_traffic_global_tab.s332sv5ykccrducivfvfwpdjmf	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_CcchSrbKbps_Dl_Volume	hua_cell_traffic_global_tab.rdullanrhlcrqtmc0kpo1pcm6d	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_CcchSrbKbps_Dl	hua_cell_traffic_global_tab.rg6lagi3wubevdw5mrknwmm5jd	FLOAT	Kbps	This item provides the bit rate at	Average	hucasebh, huctbh, Sum,

				which the CRNC transmits DL data on Iub CCCH logical channel.		Minimum, Maximum
VS_CcchSrbKbps_Ul_Times	hua_cell_traffic_global_tab.r5a6ncliaqb3ubc041lqhawnqo	INTEGER	milliseconds	No description.	Sum	hucasebh, huctbh
VS_CcchSrbKbps_Ul_Volume	hua_cell_traffic_global_tab.vkkmc6vntecbyd5ypo6hbhyw6n	INTEGER	bits	No description.	Sum	hucasebh, huctbh
VS_CcchSrbKbps_Ul	hua_cell_traffic_global_tab.xkvnwlwmytbjure6jpcy15thl2	FLOAT	Kbps	This item provides the bit rate at which the CRNC receives UL data on Iub CCCH logical channel.	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CRNC_IUB_FACH_Bandwidth	hua_cell_traffic_global_tab.y5aejoy5mcb3er3pusidkn1ost	FLOAT	bytes/second	Common channel bandwidth on Iub interface in a cell,CRNC_FACH Channel Bandwidth (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_CRNC_IUB_PCH_Bandwidth	hua_cell_traffic_global_tab.x1gtaaukfvc16tewucg4vhibdo	FLOAT	bytes/second	Common channel bandwidth on Iub	Average	hucasebh, huctbh, Sum, Minimu

				interface in a cell,CRNC_PCH Channel Bandwidth (Cell)		m, Maximum
VS_CRNC_IUB_RACH_Bandwidth	hua_cell_traffic_global_tab.v00dt2raqeb3xcfsr064w1hvxw	FLOAT	bytes/second	Common channel bandwidth on Iub interface in a cell,CRNC_RACH Channel Bandwidth (Cell)	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_IUB_FP_Unsync	hua_cell_traffic_global_tab.sr3pkexkesbcbrvwe3sds6jemk	INTEGER	#	Number of UL time synchronization frames received by CRNC on Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_CRNCIubBytesFACH_Tx	hua_cell_traffic_global_tab.sg1agh4v14b2sdglbjdwd5fnwf	INTEGER	bytes	Number of DL MAC PDU bytes sent by the CRNC on the FACH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_CRNCIubBytesPCH_Tx	hua_cell_traffic_global_tab.y3k6hjmykdb25uk4cfc5vws064	INTEGER	bytes	Number of DL MAC PDU bytes received by the Controlling RNC (CRNC) on	Sum	hucasebh, huctbh

				the PCH FP over the Iub interface. These bytes include paging data transport blocks and paging indication (PI) data		
VS_MAC_CRNCIubBytesRACH_Rx	hua_cell_traffic_global_tab.r5y1bryp1jbm0sgas6msxqdfui	INTEGER	bytes	Number of bytes of the MAC PDUs received by the DRNC from the SRNC on the RACH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_DRNCIubBytesDCH_Rx	hua_cell_traffic_global_tab.rdstoj2vrfbg0eb3rmia0ur16j	INTEGER	bytes	Number of bytes of the MAC PDUs received by the DRNC from the SRNC on the DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_DRNCIubBytesDCH_Tx	hua_cell_traffic_global_tab.uvt6t1pktibeqegj2rcm1hiecg	INTEGER	bytes	Number of bytes of the MAC PDUs sent by the DRNC to the SRNC on the Iub	Sum	hucasebh, huctbh

				interface in a cell.		
VS_MAC_SRNC IubBytesDCH_Rx	hua_cell_traffic_global_tab.u6uofboi6ecv3scmfdyybqwio6	INTEGER	bytes	Number of DL MAC PDU bytes sent by the SRNC to the MAC-d on the signalling bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNC IubBytesDCH_Tx	hua_cell_traffic_global_tab.v6ihfdqr1yc65u6qxcirculhjr	INTEGER	bytes	Number of DL MAC PDU bytes sent by the SRNC on the signalling bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MBMS_IUB_BANDWIDTH	hua_cell_traffic_global_tab.xlsnxoplui2aidkrb02ofawjhk	FLOAT	bytes/sec	This measurement item provides the mean IUB bandwidth of MBMS service channel in a cell.	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.121Cell.Huawei.UMTS.Traffic_PS

PS Traffic data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

Cell_Traffic_busy_hour	hua_cell_traffic_ps_tab.u36bepx45tc45blb6v1qbg041v	INT8	Byte	Cell traffic busy hour measurement.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesPS_Rx	{VS_MAC_SRNCIubBytesPSBkg_Rx} + {VS_MAC_SRNCIubBytesPSInt_Rx} + {VS_MAC_SRNCIubBytesPSStr_Rx}	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS background and conversational and interactive and streaming service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesPS_Tx	{VS_MAC_SRNCIubBytesPSBkg_Tx} + {VS_MAC_SRNCIubBytesPSInt_Tx} + {VS_MAC_SRNCIubBytesPSStr_Tx}	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS background and conversational and interactive and streaming service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesPSBkg	{VS_MAC_SRNCIubBytesPSBkg_Rx} + {VS_MAC_SRNCIubByt	INT8	bytes	Number of bytes of the UL and DL	Sum	hucasebh, huctbh

	esPSBkg_Tx}			MAC PDUs sent by the SRNC to the MAC-d on the PS background service bearer (DCH FP) over the Iub interface in a cell.		
Total_VS_MAC_SRNCIubBytesPSInt	{VS_MAC_SRNCIubBytesPSInt_Rx} + {VS_MAC_SRNCIubBytesPSInt_Tx}	INT8	bytes	Number of bytes of the UL and DL MAC PDUs sent by the SRNC to the MAC-d on the PS interactive service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
Total_VS_MAC_SRNCIubBytesPSStr	{VS_MAC_SRNCIubBytesPSStr_Rx} + {VS_MAC_SRNCIubBytesPSStr_Tx}	INT8	bytes	Number of bytes of the UL and DL MAC PDUs sent by the SRNC to the MAC-d on the PS streaming service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_CRNCIubBytes_PS_CCH_RX	hua_cell_traffic_ps_tab.ykayw2lupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes in UL MAC PDU sent by the CRNC on the RACH PS over the Iub interface in a	Sum	hucasebh, huctbh

				cell.		
VS_MAC_CRNCIubBytes_PS_CCH_TX	hua_cell_traffic_ps_tab.ykayw2nupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes in DL MAC PDU sent by the CRNC on the FACH PS over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSBkg_Rx	hua_cell_traffic_ps_tab.vm1ogmbbnfb5frxjdp6k1ubeyh	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS background service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSBkg_Tx	hua_cell_traffic_ps_tab.yl4p62w1qebvkerod0jmo4tkc1	INT8	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS background service bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSConv_Rx	hua_cell_traffic_ps_tab.uk3eiumslpce0utfsllja6cvqk	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to	Sum	hucasebh, huctbh

				the MAC-d on the PS conversational service bearer (DCH FP) over the Iub interface in a cell.		
VS_MAC_SRNCIubBytesPSConv_Tx	hua_cell_traffic_ps_tab.tstnj2py1vbkatijl2iy1jl5yv	INT8	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS conversational service bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSInt_Rx	hua_cell_traffic_ps_tab.toitgrg41gbm3u5p4lr4tsroiv	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS interactive service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSInt_Tx	hua_cell_traffic_ps_tab.rwknl4qaxvcdnrhaaxergo2yyi	INT8	bytes	Number of DL MAC PDU bytes sent by the SRNC on the PS interactive service bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh

VS_MAC_SRNCIubBytesPSStr_Rx	hua_cell_traffic_ps_tab.wjeusyeua3btgrc1e12huhr5jc	INT8	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS streaming service bearer (DCH FP) over the Iub interface in a cell.	Sum	hucasebh, huctbh
VS_MAC_SRNCIubBytesPSStr_Tx	hua_cell_traffic_ps_tab.yudepypitbcewc235ssqhe6mgh	INT8	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS streaming service bearer DCH FP over the Iub interface in a cell.	Sum	hucasebh, huctbh

6.5.122Cell.Huawei.UMTS.UL_Speech_Quality

Speech quality of Up Link

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Speech_SQI_Accept	hua_ul_speech_quality_tab.yearq00upw2ahrhr0035xvpkr0	FLOAT	%	Ratio of acceptable UL speech quality duration to conversation duration	Average	hucasebh, huctbh, Sum, Minimum, Maximum

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VS_Speech_SQI_Bad	hua_ul_speech_quality_tab.yearq02upw2ahrhr0035xvpkr0	FLOAT	%	Ratio of bad UL speech quality duration to conversation duration	Average	hucasebh, huctbh, Sum, Minimum, Maximum
VS_Speech_SQI_Good	hua_ul_speech_quality_tab.yearpyxupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of good UL speech quality duration to conversation duration	Average	hucasebh, huctbh, Sum, Minimum, Maximum

6.5.123Cell.Huawei.UMTS.URA_Updating

UTRAN Registration Area Update data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_URAUpd_Succ_CHG	hua_cell_ura_updating_tab.ye6jpdivphb3gsx6yqyesigndh	INTEGER	#	Number of URA UPDATE CONFIRM messages responded to the UE from the RNC on receipt of the URA UPDATE message with cause change of URA.	Sum	hucasebh, huctbh
VS_URAUpd_Succ_Prd	hua_cell_ura_updating_tab.sbwppdr5lybvnti4mvgdbqi6h4	INTEGER	#	Number of URA UPDATE CONFIRM messages responded to the UE from the RNC on receipt of the URA UPDATE message with	Sum	hucasebh, huctbh

				cause periodic URA update.		

6.6 E1T1_Link Performance Indicators

- E1T1_Link.Huawei.UMTS.E1T1_Link_Quality
- E1T1_Link.Huawei.UMTS.ELECT

6.6.1 E1T1_Link.Huawei.UMTS.E1T1_Link_Quality

Link Quality of the E1T1

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ATMLGCPRT_Alloced_Ave_Bwd	hua_e1t1_link_quality_tab.xlsnycblui2aidkrb02ofawjhk	FLOAT	bps	Mean forward bandwidth assigned to the ATM logic port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Ave_Fwd	hua_e1t1_link_quality_tab.xlsnycdlui2aidkrb02ofawjhk	FLOAT	bps	Mean backward bandwidth assigned to the ATM logic port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Max_Bwd	hua_e1t1_link_quality_tab.xlsnybxlui2aidkrb02ofawjhk	FLOAT	bps	Maximum backward bandwidth assigned to the ATM logic port	Average	Sum, Minimum, Maximum
VS_ATMLGCPRT_Alloced_Max_Fwd	hua_e1t1_link_quality_tab.xlsnybvlui2aidkrb02ofawjhk	FLOAT	bps	Maximum forward bandwidth assigned to the ATM logic port	Average	Sum, Minimum, Maximum

VS_ATMLGCPRT_Bwd_Cong_Dur	hua_e1t1_link_quality_tab.xlsnyc6lui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on the ATM logic port	Sum	
VS_ATMLGCPRT_Bwd_Cong	hua_e1t1_link_quality_tab.xlsnyc4lui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on the ATM logic port	Sum	
VS_ATMLGCPRT_Fwd_Cong_Dur	hua_e1t1_link_quality_tab.xlsnyc2lui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on the ATM logic port	Sum	
VS_ATMLGCPRT_Fwd_Cong	hua_e1t1_link_quality_tab.xlsnyc0lui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on the ATM logic port	Sum	
VS_E1ERRRATE_CODEVIOLATION	hua_e1t1_link_quality_tab.yearq5pupw2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Error rate of COCD violation error (specific to V100R010)	Average	Sum, Minimum, Maximum
VS_E1ERRRATE_CRC4	hua_e1t1_link_quality_tab.yearq5tupw2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Error rate of CRC4 error (specific to V100R010)	Average	Sum, Minimum, Maximum
VS_E1ERRRATE_EBIT	hua_e1t1_link_quality_tab.yearq5vupw2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Error rate of EBIT error (specific to V100R010)	Average	Sum, Minimum, Maximum

VS_E1ERRRATE_FRAME	hua_e1t1_link_quality_tab.yearq5rupw2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Error rate of frame error (specific to V100R010)	Average	Sum, Minimum, Maximum

6.6.2 E1T1_Link.Huawei.UMTS.ELECT

ELECT errors

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ELECT_CODEVIOLATE_Rate_Mean	hua_elect_tab.suihndlurp2ahrhr0035xvpkr0	FLOAT	%	Error rate of cells with error codes in ELECT	Average	Sum, Minimum, Maximum
VS_ELECT_CODEVIOLATE	hua_elect_tab.suihndjurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells with error codes in ELECT	Sum	
VS_ELECT_CRCERROR_Rate_Mean	hua_elect_tab.suihndturp2ahrhr0035xvpkr0	FLOAT	%	error rate of cells with CRC errors in ELECT	Average	Sum, Minimum, Maximum
VS_ELECT_CRCERROR	hua_elect_tab.suihndrurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells with CRC errors in ELECT	Sum	
VS_ELECT_EBITERROR_Rate_Mean	hua_elect_tab.suihndxurp2ahrhr0035xvpkr0	FLOAT	%	error rate of cells with ebit errors in ELECT	Average	Sum, Minimum, Maximum

VS_ELECT_EBITERROR	hua_elect_tab.suihndvurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells with ebit errors in ELECT	Sum	
VS_ELECT_FAULTCLEAR	hua_elect_tab.suihne4urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults are cleared in ELECT	Sum	
VS_ELECT_FAULTEMIT	hua_elect_tab.suihne2urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times fault occur in ELECT	Sum	
VS_ELECT_FAULTTIME	hua_elect_tab.suihne6urp2ahrhr0035xvpkr0	INTEGER	seconds	Duration of fault of ELECT	Sum	
VS_ELECT_FRAMEALIGNCHANGED	hua_elect_tab.suihnehurp2ahrhr0035xvpkr0	INTEGER	#	Number of frame alignment changes of ELECT	Sum	
VS_ELECT_FRAMINGERROR_Rate_Mean	hua_elect_tab.suihndpurp2ahrhr0035xvpkr0	FLOAT	%	Error rate of cells with frame delimitation in ELECT	Average	Sum, Minimum, Maximum
VS_ELECT_FRAMINGERROR	hua_elect_tab.suihndnurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells with error frame delimitation in ELECT	Sum	
VS_ELECT_MULTIFRAME	hua_elect_tab.suihneburp2ahrhr0035xvpkr0	INTEGER	#	Number of ELECT multiframes	Sum	

VS_ELECT_RXFLOWCAPACITY	hua_elect_tab.suihnedurp2ahrhr0035xvpkr0	INTEGER	Kbps	Received traffic by ELECT	Sum	
VS_ELECT_SA6ERROR	hua_elect_tab.suihne0urp2ahrhr0035xvpkr0	INTEGER	#	Number of cells with sa6 errors in ELECT	Sum	
VS_ELECT_TXFLOWCAPACITY	hua_elect_tab.suihnefurp2ahrhr0035xvpkr0	INTEGER	Kbps	Transmitted traffic by ELECT	Sum	

6.7 ETH Performance Indicators

- ETH.Huawei.UMTS.ETH
- ETH.Huawei.UMTS.FEGE_QUEUE
- ETH.Huawei.UMTS.FEGE

6.7.1 ETH.Huawei.UMTS.ETH

ETH measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IP_Bytes_ETH	({VS_IP_Rx_Bytes_ETH} + {VS_IP_Tx_Bytes_ETH})	INT8	bytes	Number of bytes sent and received by an ETH port in a measurement period.	Sum	
VS_IP_MeanThroughputKbpsRx_ETH	hua_eth_eth_tab.ub2wgxdiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of an ETH port in a given	Average	Sum, Minimum, Maximum

				measurement period.		
VS_IP_MeanThroughputKbpsTx_ETH	hua_eth_eth_tab.ub2wgxfiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Tx rate of an ETH port in a given measurement period.	Average	Sum, Minimum, Maximum
VS_IP_PktErrorRx_ETH_Port	hua_eth_eth_tab.ub2wgxjiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Lost Number of package received by an ETH in a measurement period (5s).	Sum	
VS_IP_PktUnexpectedRx_ETH	hua_eth_eth_tab.ub2wgxriyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:Lost Number of package sent by an ETH in a measurement period (5s).	Sum	
VS_IP_Rx_Bytes_ETH	hua_eth_eth_tab.ub2wgxtiyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by an ETH port in a measurement period.	Sum	
VS_IP_Tx_Bytes_ETH	hua_eth_eth_tab.ub2wgxviyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from	Sum	

				UTRAN/V900R011:Number of bytes sent by an ETH port in a measurement period.		
VS_MAC_PktErrorRx_ETH	hua_eth_eth_tab.ub2wh56iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:Number of package received by MAC in a measurement period (5s).	Sum	
VS_MAC_PktErrorTx_ETH	hua_eth_eth_tab.ub2wh5biyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:Number of package sent by MAC in a measurement period (5s).	Sum	

6.7.2 ETH.Huawei.UMTS.FEGE_QUEUE

FEGE Queue

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_FEGE_QUEUE_MEAN_TX	hua_fege_queue_tab.suihnfjurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean transmission rate of	Average	Sum, Minimum, Maximum

				FEGE_QUEUE		
VS_FEGE_QUEUE_PEAK_TXRATE	hua_fege_queue_tab.suihnfhurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900 R011:Peak transmission rate of FEGE_QUEUE	Average	Sum, Minimum, Maximum
VS_FEGE_QUEUE_TXBYTES	hua_fege_queue_tab.suihnfburp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of bytes transmitted from the FEGE_QUEUE	Sum	
VS_FEGE_QUEUE_TXDROPBYTES	hua_fege_queue_tab.suihnffurp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of outgoing bytes discarded in the FEGE_QUEUE	Sum	
VS_FEGE_QUEUE_TXDROPPACKETS	hua_fege_queue_tab.suihnfdurp2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900 R011:Number of outgoing packets discarded in the FEGE_QUEUE	Sum	
VS_FEGE_QUEUE_TXPKTS	hua_fege_queue_tab.suihnf6urp2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900 R011:Number of packets transmitted from the FEGE_QUEUE	Sum	

6.7.3 ETH.Huawei.UMTS.FEGE

FEGE measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_FEGE_FAULTCLEAR	hua_fege_tab.suihneturp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults are cleared in FEGE	Sum	
VS_FEGE_FAULTEMIT	hua_fege_tab.suihnerurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults occur in FEGE	Sum	
VS_FEGE_FAULTTIME	hua_fege_tab.suihnevurp2ahrhr0035xvpkr0	INTEGER	seconds	Duration of fault of FEGE	Sum	
VS_FEGE_RXBYTES	hua_fege_tab.yr2merrseh2ahrhqj035xvpkr0	INT8	bytes	Number of bytes received by an FEGE port in a measurement period.	Sum	
VS_FEGE_RXERRORPKTS	hua_fege_tab.yr2mervseh2ahrhqj035xvpkr0	INT8	#	Lost Number of package received by an FEGE in a measurement period (5s).	Sum	
VS_FEGE_RXMAXSPEED	hua_fege_tab.suihnexurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of FEGE	Average	Sum, Minimum,

						Maximum
VS_FEGE_RXMEANSPEED	hua_fege_tab.yr2mernseh2ahrhqj035xvpkr0	FLOAT	kilobits/second	Average receive rate of the FEGE port in the specified measurement period	Average	Sum, Minimum, Maximum
VS_FEGE_RXMINSPEED	hua_fege_tab.suihnf0urp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of FEGE	Average	Sum, Minimum, Maximum
VS_FEGE_RXPACKETS	hua_fege_tab.suihnejurp2ahrhr0035xvpkr0	INT8	#	Number of packets received by FEGE	Sum	
VS_FEGE_RXUNKNOWNPKTS	hua_fege_tab.suihnepurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded packets transmitted by FEGE	Sum	
VS_FEGE_TXBYTES	hua_fege_tab.yr2mertseh2ahrhqj035xvpkr0	INT8	bytes	Number of bytes sent by an FEGE port in a measurement period.	Sum	
VS_FEGE_TXDROPPEDPKTS	hua_fege_tab.suihnenurp2ahrhr0035xvpkr0	INTEGER	#	Number of unknown packets received by FEGE	Sum	
VS_FEGE_TXMAXSPEED	hua_fege_tab.suihnf2urp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of FEGE	Average	Sum, Minimum, Maximum
VS_FEGE_TXMEANSPEED	hua_fege_tab.yr2merpseh2ahrhqj035xvpkr0	FLOAT	kilobits/seco	Average transmit rate	Average	Sum, Minimu

			nd	of the FEGE port in the specified measurement period		m, Maximum
VS_FEGE_TXMINSPEED	hua_fege_tab.suihnf4urp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of FEGE	Average	Sum, Minimum, Maximum
VS_FEGE_TXPACKETS	hua_fege_tab.suihnelurp2ahrhr0035xvpkr0	INT8	#	Number of packets transmitted by FEGE	Sum	

6.8 FIBER_Link Performance Indicators

- FIBER_Link.Huawei.UMTS.FIBER_Traffic_ErrorCount
- FIBER_Link.Huawei.UMTS.SDH_Switch
- FIBER_Link.Huawei.UMTS.UOI_V900

6.8.1 FIBER_Link.Huawei.UMTS.FIBER_Traffic_ErrorCount

Error counts on Fiber traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_FIBER_B1	hua_fiberte_tab.suihnfpurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of regenerator section errors of FIBER	Sum	
VS_FIBER_B2	hua_fiberte_tab.suihnfrurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of multiplex	Sum	

				section errors of FIBER		
VS_FIBER_B3	hua_fiberte_tab.suihnftur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of high order path errors of FIBER	Sum	
VS_FIBER_Bit2ErrCount	hua_fiberte_tab.suihng0ur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of low order path errors of FIBER	Sum	
VS_FIBER_FAULTCLEAR	hua_fiberte_tab.suihngdur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of times faults are cleared in FIBER	Sum	
VS_FIBER_FAULTEMIT	hua_fiberte_tab.suihngbur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of times faults occur in FIBER	Sum	
VS_FIBER_FAULTTIME	hua_fiberte_tab.suihngfur p2ahrhr0035xvpkr0	INTEGER	seconds	Duration of fault of FIBER	Sum	
VS_FIBER_FEBEErrCount	hua_fiberte_tab.suihng2ur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of low order path remote errors of FIBER	Sum	
VS_FIBER_G1	hua_fiberte_tab.suihnfxur p2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of high order path remote errors of	Sum	

				FIBER		
VS_FIBER_M1	hua_fiberte_tab.suihnfvurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of multiplex section remote errors of FIBER	Sum	
VS_FIBER_RXCELLS	hua_fiberte_tab.suihng4urp2ahrhr0035xvpkr0	INT8	#	Received cells by FIBER	Sum	
VS_FIBER_RXFLUX	hua_fiberte_tab.suihnflurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900 R011:Received traffic by FIBER	Sum	
VS_FIBER_RXMAXSPEED	hua_fiberte_tab.suihngnurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of FIBER	Average	Sum, Minimum, Maximum
VS_FIBER_RXMEANSPEED	hua_fiberte_tab.suihngrurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average receive rate of FIBER	Average	Sum, Minimum, Maximum
VS_FIBER_RXMINSPEED	hua_fiberte_tab.suihngpurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of FIBER	Average	Sum, Minimum, Maximum
VS_FIBER_TXCELLS	hua_fiberte_tab.suihng6urp2ahrhr0035xvpkr0	INT8	#	Transmitted cells by FIBER	Sum	
VS_FIBER_TXFLUX	hua_fiberte_tab.suihnfnurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900 R011:Transmit	Sum	

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				ted traffic by FIBER		
VS_FIBER_TX MAXSPEED	hua_fiberte_tab.suihnghurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of FIBER	Average	Sum, Minimum, Maximum
VS_FIBER_TX MEANSPEED	hua_fiberte_tab.suihnglurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average transmit rate of FIBER	Average	Sum, Minimum, Maximum
VS_FIBER_TX MINSPEED	hua_fiberte_tab.suihngjurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of FIBER	Average	Sum, Minimum, Maximum

6.8.2 FIBER_Link.Huawei.UMTS.SDH_Switch

SDH Utilisation KPIs

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SDH_FAULT_CHANNEL_PROTECT_COUNTS	hua_sdh_switch_tab.suihnjjurp2ahrhr0035xvpkr0	INTEGER	#	Number of times faults occur in SDH protection channels	Sum	
VS_SDH_FAULT_CHANNEL_WORK_COUNTS	hua_sdh_switch_tab.suihnjlurp2ahrhr0035xvpkr0	INTEGER	#	Number of times faults occur in SDH work channels	Sum	
VS_SDH_SWAP_REASON_EXTERNAL_COUNTS	hua_sdh_switch_tab.suihnjhurp2ahrhr0035xvpkr0	INTEGER	#	Number of external requests for SDH switch	Sum	
VS_SDH_SWAP_REASON_KBYTE_COUNT	hua_sdh_switch_tab.suihnjfurp2ahrhr0035xvpkr0	INTEGER	#	Number of k-byte requests for SDH switch	Sum	

S						
VS_SDH_SWAP_REASON_REQUEST_COUNTS	hua_sdh_switch_tab.suihnjdurp2ahrhr0035xvpkr0	INTEGER	#	Number of condition requests for SDH switch	Sum	

6.8.3 FIBER_Link.Huawei.UMTS.UOI_V900

UOI Board data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_UOI_RXMAXSPEED	hua_uoi_v900_tab.xis6anx5da2aispcr035y0hf3v	FLOAT	kbps	The max receiving speed of fiber board	Average	Sum, Minimum, Maximum
VS_UOI_TXMAXSPEED	hua_uoi_v900_tab.xis6ao05da2aispcr035y0hf3v	FLOAT	kbps	The max transmitting speed of fiber board	Average	Sum, Minimum, Maximum

6.9 FlowControl Performance Indicators

- FlowControl.Huawei.UMTS.Flow_Control_Queue_Traffic

6.9.1 FlowControl.Huawei.UMTS.Flow_Control_Queue_Traffic

Flow Control Queue traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_FLOWCTRL QUE_TX_BYTE	hua_flow_control_queue_tab.yearq4bupw2ahrhr003	INTEGER	bytes	Obsolete from UTRAN/V900	Sum	

S	5xvpkr0			R011:Number of bytes transmitted to indicate the flow control queue traffic.		

6.10 FRAATM Performance Indicators

- FRAATM.Huawei.UMTS.FRAATM

6.10.1 FRAATM.Huawei.UMTS.FRAATM

FRA ATM data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_FRAATM_PEAK_RXCELLS	hua_fraatm_fraatm_tab.ub2wgsviyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum Number of Cells Received by FRA ATM Link.	Constant	Sum, Minimum, Maximum
VS_FRAATM_PEAK_RXRATE	hua_fraatm_fraatm_tab.yhwyyqr5pybm1topc34sndbeuk	FLOAT	#	Obsolete from UTRAN/V900R011:Peak rate of cells received by a FRA ATM link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_FRAATM_PEAK_TXCELLS	hua_fraatm_fraatm_tab.ub2wgsxiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum Number of Cells	Constant	Sum, Minimum, Maximum

				Transmitted by FRA ATM Link.		
VS_FRAATM_PEAK_TXRATE	hua_fraatm_fraatm_tab.uhw54ntbhsbgvsj5d5ybjkvgpe	FLOAT	#	Obsolete from UTRAN/V900R011:Peak rate of cells sent by a FRA ATM link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_FRAATM_RXCELLS	hua_fraatm_fraatm_tab.ythr0imo2ecc6urijm1kdfycj2	INTEGER	#	Obsolete from UTRAN/V900R011:Number of cells received by a FRA ATM link in a measurement period.	Sum	
VS_FRAATM_TXCELLS	hua_fraatm_fraatm_tab.xc6pmjkf2obnvscx12v4v4nsrq	INTEGER	#	Obsolete from UTRAN/V900R011:Number of cells sent by a FRA ATM link in a measurement period.	Sum	
VS_FraATMUNI_Lnk_MeanKbps_Rx	hua_fraatm_fraatm_tab.ywa2pci033bsodlv4nx5qavyh1	FLOAT	#	Obsolete from UTRAN/V900R011:Mean Rx rate of a FRA ATM	Average	Sum, Minimum, Maximum

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				link in a given measurement period. Unit: kbps.		
VS_FraATMUNI_Lnk_MeanKbps_Tx	hua_fraatm_fraatm_tab.xs34mxa26abt0dyolagtt6lu4v	FLOAT	#	Obsolete from UTRAN/V900R011:Mean Tx rate of a FRA ATM link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_Alloced_Ave_Bwd	hua_fraatm_fraatm_tab.xlsnxrvlui2aidkrb02ofawjhk	INTEGER	bps	Mean backward bandwidth assigned to an FRA ATM link	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_Alloced_Ave_Fwd	hua_fraatm_fraatm_tab.xlsnxrtlui2aidkrb02ofawjhk	INTEGER	bps	Mean forward bandwidth assigned to an FRA ATM link	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_Alloced_Max_Bwd	hua_fraatm_fraatm_tab.xlsnxrjlui2aidkrb02ofawjhk	INTEGER	bps	Peak backward bandwidth assigned to an FRA ATM link	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_Alloced_Max_Fwd	hua_fraatm_fraatm_tab.xlsnxrhlui2aidkrb02ofawjhk	INTEGER	bps	Peak forward bandwidth assigned to an FRA ATM link	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_Bwd_Cong_Dur	hua_fraatm_fraatm_tab.xlsnxrrlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on	Sum	

				an FRA ATM link		
VS_FRACATMLNK_Bwd_Cong	hua_fraatm_fraatm_tab.xlsnxrplui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on an FRA ATM link	Sum	
VS_FRACATMLNK_Fwd_Cong_Dur	hua_fraatm_fraatm_tab.xlsnxrnlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on an FRA ATM link	Sum	
VS_FRACATMLNK_Fwd_Cong	hua_fraatm_fraatm_tab.xlsnxrllui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on an FRA ATM link	Sum	
VS_FRACATMLNK_PEAK_RXCELLS	hua_fraatm_fraatm_tab.son0hgk2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes sent	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_PEAK_RXRATE	hua_fraatm_fraatm_tab.tgnkur4sen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Obsolete from UTRAN/V900R011:Peak rate of cells received by a FRA ATM link in a measurement period.	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_PEAK_TXCELLS	hua_fraatm_fraatm_tab.son0hgi2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes received	Average	Sum, Minimum, Maximum

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VS_FRACATMLNK_PEAK_TXRATE	hua_fraatm_fraatm_tab.tgnkur2sen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Obsolete from UTRAN/V900R011:Peak rate of cells sent by a FRA ATM link in a measurement period.	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_RXCELLS	hua_fraatm_fraatm_tab.tgnkuqxsen2ahrhqj035xvpkr0	INT8	#	Number of cells received by a FRA ATM link in a measurement period.	Sum	
VS_FRACATMLNK_RXDROPPEDCELLS	hua_fraatm_fraatm_tab.suihn5rurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded cells received by FRA ATM	Sum	
VS_FRACATMLNK_RXHCSERRCELLS	hua_fraatm_fraatm_tab.suihn5purp2ahrhr0035xvpkr0	INTEGER	#	Number of HCS error cells received by FRA ATM	Sum	
VS_FRACATMLNK_RXMAXSPEED	hua_fraatm_fraatm_tab.suihn5xurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of FRA ATM	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_RXMEANSPEED	hua_fraatm_fraatm_tab.tgnkur6sen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a FRA ATM link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_RXMINSPEED	hua_fraatm_fraatm_tab.suihn60urp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of FRA ATM	Average	Sum, Minimum,

						Maximum
VS_FRACATMLNK_TXCELLS	hua_fraatm_fraatm_tab.tgnkur0sen2ahrhqj035xvpkr0	INT8	#	Number of cells sent by a FRA ATM link in a measurement period.	Sum	
VS_FRACATMLNK_TXMAXSPEED	hua_fraatm_fraatm_tab.suihn5turp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of FRA ATM	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_TXMEANSPEED	hua_fraatm_fraatm_tab.tgnkurbsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Tx rate of a FRA ATM link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACATMLNK_TXMINSPEED	hua_fraatm_fraatm_tab.suihn5vurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of FRA ATM	Average	Sum, Minimum, Maximum

6.11 FRAIMALNK Performance Indicators

- FRAIMALNK.Huawei.UMTS.FRAIMALNK

6.11.1 FRAIMALNK.Huawei.UMTS.FRAIMALNK

FRA IMA LNK data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_FraATMIMA_Lnk_MeanKbps_Rx	hua_fraimalnk_fraimalnk_tab.wa1nehwcojcdkblgmr51tjyyde	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of a FRA IMA link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FraATMIMA_Lnk_MeanKbps_Tx	hua_fraimalnk_fraimalnk_tab.r5em4eiqetbw2tvywe00qf5fg6	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean Tx rate of a FRA IMA link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_PEAK_RXCELLS	hua_fraimalnk_fraimalnk_tab.son0hgo2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes sent	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_PEAK_RXRATE	hua_fraimalnk_fraimalnk_tab.tgnkurnsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Obsolete from UTRAN/V900R011:Peak rate of cells received by a FRA IMA link in a measurement period.	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_PEAK_TXCELLS	hua_fraimalnk_fraimalnk_tab.son0hgm2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes received	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_PEAK_TXRATE	hua_fraimalnk_fraimalnk_tab.tgnkurjsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Obsolete from UTRAN/V900R011:Peak rate of cells sent by a FRA IMA link in a measurement period.	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_RXDROPPEDCELLS	hua_fraimalnk_fraimalnk_tab.suihn66urp2ahrhr0035xvpkr0	FLOAT	#	Number of cells discarded by FRA IMAlink	Sum	
VS_FRACIMALNK_RXHCSERRCELLS	hua_fraimalnk_fraimalnk_tab.suihn6burp2ahrhr0035xvpkr0	INTEGER	#	Number of error cells of FRA IMAlink	Sum	
VS_FRACIM	hua_fraimalnk_fraimal	FLOA	Kbp	Maximum receive rate of	Averag	Sum,

ALNK_RXMAXSPEED	nk_tab.suihn6hurp2ahrhr0035xvpkr0	T	s	FRA IMAlink	e	Minimum, Maximum
VS_FRACIMALNK_RXMEANSPEED	hua_fraimalnk_fraimalnk_tab.tgnkurfsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a FRA IMA link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_RXMINSPEED	hua_fraimalnk_fraimalnk_tab.suihn6jurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of FRA IMAlink	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_RXSTUFFCELLS	hua_fraimalnk_fraimalnk_tab.suihn64urp2ahrhr0035xvpkr0	INTEGER	#	Number of padding cells received by FRA IMALNK	Sum	
VS_FRACIMALNK_RXUSERCELLS	hua_fraimalnk_fraimalnk_tab.tgnkurdsen2ahrhqj035xvpkr0	INT8	#	Number of cells received by a FRA IMA link in a measurement period.	Sum	
VS_FRACIMALNK_TXMAXSPEED	hua_fraimalnk_fraimalnk_tab.suihn6durp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum send rate of FRA IMAlink	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_TXMEANSPEED	hua_fraimalnk_fraimalnk_tab.tgnkurhsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Tx rate of a FRA IMA link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_FRACIMALNK_TXMINSPEED	hua_fraimalnk_fraimalnk_tab.suihn6furp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum send rate of FRA IMAlink	Average	Sum, Minimum, Maximum
VS_FRACIM	hua_fraimalnk_fraimal	INTE	#	Number of padding cells	Sum	

ALNK_TXSTUFFCELLS	nk_tab.suihn62urp2ahrhr0035xvpkr0	GER		transmitted by FRA IMAlink		
VS_FRACIMALNK_TXUSERCELLS	hua_fraimalnk_fraimalnk_tab.tgnkurlsen2ahrhqj035xvpkr0	INT8	#	Number of cells sent by a FRA IMA link in a measurement period.	Sum	
VS_FRAIMALNK_PEAK_RXCELLS	hua_fraimalnk_fraimalnk_tab.ub2wgt0iyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Number of the peak number of the user cells received by the FRA ATM every five seconds in the specified measurement period. The counter is used to indicate the maximum number of the user cells received by a single FRA ATM. VS.FRACATMLNK.PEAK.RXCELLS: peak number of the user cells received by the FRA ATM in the measurement period.	Constant	Sum, Minimum, Maximum
VS_FRAIMALNK_PEAK_TXCELLS	hua_fraimalnk_fraimalnk_tab.ub2wgt2iyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Number of the user cells transmitted by the FRA ATM in the specified measurement period. The counter is used to indicate the status of the traffic transmitted by a single FRA ATM. VS.FRACATMLNK.TXCELLS: number of the user cells transmitted by the FRA ATM in the measurement period.	Constant	Sum, Minimum, Maximum
VS_FRAIMALNK_RXCELLS	hua_fraimalnk_fraimalnk_tab.wbp54jciujb53slssjpb4e5vgj	INTEGER	#	Obsolete from UTRAN/V900R011:Number of cells received by a FRA IMA link in a measurement period.	Sum	
VS_FRAIMA	hua_fraimalnk_fraimal	INTE	#	Obsolete from	Sum	

LNK_TXCELLS	nk_tab.wmq41rhugdbioe2ikwx2uq0rnp	GER		UTRAN/V900R011:Number of cells sent by a FRAIMA link in a measurement period.		

6.12 FRAME Performance Indicators

- FRAME.Huawei.UMTS.FRAME_FLUX

6.12.1 FRAME.Huawei.UMTS.FRAME_FLUX

Frame utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Frame_Flux_MeasRate_Rx	hua_frame_flux_tab.suihno2urp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean rate received by a frame	Average	Sum, Minimum, Maximum
VS_Frame_Flux_MeasRate_Tx	hua_frame_flux_tab.suihno4urp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean rate transmitted by a frame	Average	Sum, Minimum, Maximum
VS_Frame_Flux_Peak_RxRate	hua_frame_flux_tab.suihnnxurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Peak rate received by a frame	Average	Sum, Minimum, Maximum
VS_Frame_Flux_Peak_TxRate	hua_frame_flux_tab.suihno0urp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Peak rate transmitted by a frame	Average	Sum, Minimum, Maximum
VS_Frame_Flu	hua_frame_flux_tab.suihn	INT8	bytes	Obsolete from	Sum	

x_RxBytes	nturp2ahrhr0035xvpkr0			UTRAN/V900R011:Received bytes by a frame		
VS_Frame_Flux_TxBytes	hua_frame_flux_tab.suihnnvurp2ahrhr0035xvpkr0	INT8	bytes	Obsolete from UTRAN/V900R011:Transmitted bytes by a frame	Sum	

6.13 GPRS_Tunnel Performance Indicators

- GPRS_Tunnel.Huawei.UMTS.GTP_U_PktNum
- GPRS_Tunnel.Huawei.UMTS.GTP_U

6.13.1 GPRS_Tunnel.Huawei.UMTS.GTP_U_PktNum

GTPU Packet Number data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_GTPU_PktNumBkg_Rx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxsflui2aidkrb02ofawjhk	INTEGER	#	Number of Received Traffic PDUs of background service.	Sum	hugttpbh
VS_GTPU_PktNumBkg_Tx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxsdlui2aidkrb02ofawjhk	INTEGER	#	Number of Sent traffic PDUs of Background service.	Sum	hugttpbh
VS_GTPU_PktNumConv_Rx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxs0lui2aidkrb02ofawjhk	INTEGER	#	Number of Received Traffic PDUs of conversational service.	Sum	hugttpbh
VS_GTPU_PktNumConv_Tx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxrxlui2aidkrb02ofawjhk	INTEGER	#	Number of Sent traffic PDUs of Conversational service.	Sum	hugttpbh
VS_GTPU_PktNumInt_Rx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxsblui2aidkrb02ofawjhk	INTEGER	#	Number of Received Traffic PDUs of	Sum	hugttpbh

				interactive service.		
VS_GTPU_PktNumInt_Tx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxs6lui2aidkrb02ofawjhk	INTEGER	#	Number of Sent traffic PDUs of Interactive service.	Sum	hugttpbh
VS_GTPU_PktNumStr_Rx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxs4lui2aidkrb02ofawjhk	INTEGER	#	Number of Received Traffic PDUs of streaming service.	Sum	hugttpbh
VS_GTPU_PktNumStr_Tx	hua_gprs_tunnel_gtpu_pk_tab.xlsnxs2lui2aidkrb02ofawjhk	INTEGER	#	Number of Sent traffic PDUs of Streaming service.	Sum	hugttpbh

6.13.2 GPRS_Tunnel.Huawei.UMTS.GTP_U

GTP_U data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_GTPU_BytesPayldBkg	{VS_GTPU_BytesPayldBkg_Rx} + {VS_GTPU_BytesPayldBkg_Tx}	INT8	bytes	Number of GTPU PDU bytes of PS background services sent and received by the RNC.	Sum	hugttpbh
Total_VS_GTPU_BytesPayldConv	{VS_GTPU_BytesPayldConv_Rx} + {VS_GTPU_BytesPayldConv_Tx}	INT8	bytes	Number of GTPU PDU bytes of PS conversational services sent and received by the RNC.	Sum	hugttpbh

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Total_VS_GTPU_BytesPayldInt	{VS_GTPU_BytesPayldInt_Rx} + {VS_GTPU_BytesPayldInt_Tx}	INT8	bytes	Number of GTPU PDU bytes of PS interactive services sent and received by the RNC.	Sum	hugttpbh
Total_VS_GTPU_BytesPayldStr	{VS_GTPU_BytesPayldStr_Rx} + {VS_GTPU_BytesPayldStrTx}	INT8	bytes	Number of GTPU PDU bytes of PS streaming services sent and received by the RNC.	Sum	hugttpbh
Total_VS_GTPU_BytesPkt	{VS_GTPU_BytesPkt_Rx} + {VS_GTPU_BytesPkt_Tx}	INT8	bytes	Number of the GTPU PDU bytes sent and received by the RNC.	Sum	hugttpbh
Total_VS_GTPU_PktLossBuffOverld	{VS_GTPU_PktLossBuffOverld_Rx} + {VS_GTPU_PktLossBuffOverld_Tx}	INT8	#	After the setup of the GTPU tunnel, the local GTPU and the peer GTPU exchange packets. This measurement item calculates the number of sent and received packets discarded by GTPU	Sum	hugttpbh
Total_VS_GTPU_Pkt	{VS_GTPU_Pkt_Tx} + {VS_GTPU_Pkt_Rx}	INT8	#	Number of packets sent and received by GTPU.	Sum	hugttpbh
VS_GTPU_BytesMbms_Rx	hua_gprs_tunnel_gtp_u_tab.ub2wgt4iyy2ahdha0035xkcuc6	INTEGER	#	Number of GTPU PDU bytes of MBMS	Sum	hugttpbh

				services received by the RNC.		
VS_GTPU_Bytes PayldBkg_Rx	hua_gprs_tunnel_gtp_u_tab.w0k4gcd35ebu2cqfjoy2bhlcuo	INT8	bytes	Number of GTPU PDU bytes of PS background services received by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes PayldBkg_Tx	hua_gprs_tunnel_gtp_u_tab.v5lpena4xlboqd20j6dmcyd2lw	INT8	bytes	Number of GTPU PDU bytes of PS background services sent by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes PayldConv_Rx	hua_gprs_tunnel_gtp_u_tab.suulamypcacdtdkgpyf2j1t46e	INT8	bytes	Number of GTPU PDU bytes of PS conversational services received by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes PayldConv_Tx	hua_gprs_tunnel_gtp_u_tab.syora5lo5ibtidb2ogay60sl3e	INT8	bytes	Number of GTPU PDU bytes of PS conversational services sent by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes PayldInt_Rx	hua_gprs_tunnel_gtp_u_tab.twfpisbwijbxodty0dq2wp1eht	INT8	bytes	Number of GTPU PDU bytes of PS interactive services received by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes PayldInt_Tx	hua_gprs_tunnel_gtp_u_tab.yk63xkpvpnbhvbdc4lqii	INT8	bytes	Number of GTPU PDU	Sum	hugttpbh

	kgag3			bytes of PS interactive services sent by the RNC.		
VS_GTPU_Bytes PayldStr_Rx	hua_gprs_tunnel_gtp_u_tab.y630skrv5vclqetky55beyprs3	INT8	bytes	Number of GTPU PDU bytes of PS streaming services received by the RNC	Sum	hugttpbh
VS_GTPU_Bytes PayldStrTx	hua_gprs_tunnel_gtp_u_tab.srky6260rpbkcs6rmywiya3r1w	INT8	bytes	Number of GTPU PDU bytes of PS streaming services sent by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes Pkt_Rx	hua_gprs_tunnel_gtp_u_tab.vn4inxspcdbdibm3y11sbhdbx5	INT8	bytes	Number of the GTPU PDU bytes received by the RNC.	Sum	hugttpbh
VS_GTPU_Bytes Pkt_Tx	hua_gprs_tunnel_gtp_u_tab.tqbd0xgg0cbm0cgja6652plxcp	INT8	bytes	Number of GTPU PDU bytes sent by the RNC.	Sum	hugttpbh
VS_GTPU_Pkt_Rx	hua_gprs_tunnel_gtp_u_tab.r51g2rbqidcxiexnoywjn0lrdt	INT8	#	After the setup of the GTPU tunnel, the local GTPU and the peer GTPU exchange packets. This measurement item calculates the number of packets received by GTPU.	Sum	hugttpbh
VS_GTPU_Pkt_Tx	hua_gprs_tunnel_gtp_u_tab.rbsqfted42bpcesvdc55dsnf25	INT8	#	Number of packets sent by GTPU.	Sum	hugttpbh

VS_GTPU_PktLossBuffOverld_Rx	hua_gprs_tunnel_gtp_u_tab.smhk3g1nsrc4ibufqquix02obp	INT8	#	After the setup of the GTPU tunnel, the local GTPU and the peer GTPU exchange packets. This measurement item calculates the number of received packets discarded by GTPU	Sum	hugttpbh
VS_GTPU_PktLossBuffOverld_Tx	hua_gprs_tunnel_gtp_u_tab.umup4cmgaqct0b33c1pcti34kh	INT8	#	Number of to-be-sent packets discarded by GTPU. After the setup of the GTPU tunnel, the local GTPU and the peer GTPU exchange packets	Sum	hugttpbh

6.14 IMA_Group Performance Indicators

- IMA_Group.Huawei.UMTS.IMA_Group_Measurement
- IMA_Group.Huawei.UMTS.IMAGroup_Traffic_others

6.14.1 IMA_Group.Huawei.UMTS.IMA_Group_Measurement

IMA Group utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

Total_VS_IMAGRP_CELLS	{VS_IMAGRP_TXCELLS} + {VS_IMAGRP_RXCELLS}	INTEGER	#	Total number of cells sent and received by an IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMA_Grp_MeanKbps_Rx	hua_imagroup_tab.ykayw3xupw2ahrhr0035xvpkr0	INT8	Kbps	Mean Rx rate of an IMA group in a given measurement period. Unit: kbps	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMA_Grp_MeanKbps_Tx	hua_imagroup_tab.ykayw40upw2ahrhr0035xvpkr0	INT8	Kbps	Mean Tx rate of an IMA group in a given measurement period. Unit: kbps	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_Alloced_Ave_Bwd	hua_imagroup_tab.xlsnxsvlui2aidkrb02ofawjhk	INTEGER	bps	Mean backward bandwidth assigned to an IMA group link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_Alloced_Ave_Fwd	hua_imagroup_tab.xlsnxstlui2aidkrb02ofawjhk	INTEGER	bps	Mean forward bandwidth assigned to an IMA group link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_Alloced_Max_Bwd	hua_imagroup_tab.xlsnxsjlui2aidkrb02ofawjhk	INTEGER	bps	Peak backward bandwidth assigned to an IMA group link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_Alloced_Max_Fwd	hua_imagroup_tab.xlsnxshlui2aidkrb02ofawjhk	INTEGER	bps	Peak forward bandwidth assigned to an	Average	hubcslbh, hubhsdpabh, Sum,

				IMA group link		Minimum, Maximum
VS_IMAGRP_Bwd_Cong_Dur	hua_imagroup_tab.xlsnxsrlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on an IMA group link	Sum	hubcslbh, hubhsdpabh
VS_IMAGRP_Bwd_Cong	hua_imagroup_tab.xlsnxsplui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on an IMA group link	Sum	hubcslbh, hubhsdpabh
VS_IMAGRP_Fwd_Cong_Dur	hua_imagroup_tab.xlsnxsnlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on an IMA group link	Sum	hubcslbh, hubhsdpabh
VS_IMAGRP_Fwd_Cong	hua_imagroup_tab.xlsnxsllui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on an IMA group link	Sum	hubcslbh, hubhsdpabh
VS_IMAGRP_PEAK_RXCELLS	hua_imagroup_tab.ykayw42upw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Peak number of cells received by an IMA group in a measurement period	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_PEAK_RXRATE	hua_imagroup_tab.ykayw4fupw2ahrhr0035xvpkr0	INT8	Kbps	Obsolete from UTRAN/V900 R011:Peak Rate Received by IMA GROUP	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximu

						m
VS_IMAGRP_PEAK_TXCELLS	hua_imagroup_tab.ykayw44upw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Peak number of cells transmitted by an IMA group in a measurement period	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_PEAK_TXRATE	hua_imagroup_tab.ykayw4hupw2ahrhr0035xvpkr0	INT8	Kbps	Obsolete from UTRAN/V900 R011:Peak Rate Sent by IMA GROUP	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGRP_RXCELLS	hua_imagroup_tab.ykayw46upw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of cells received by an IMA group in a measurement period.	Sum	hubcslbh, hubhsdpabh
VS_IMAGRP_TXCELLS	hua_imagroup_tab.ykayw4bupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of cells sent by an IMA group in a measurement period.	Sum	hubcslbh, hubhsdpabh

6.14.2 IMA_Group.Huawei.UMTS.IMAGroup_Traffic_others

IMA Group errors and misc traffic KPs.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IMAG	{VS_IMAGROUP_RXU	INT8	#	Total Number	Sum	hubcslbh,

RP_CELLS	SERCELLS} + {VS_IMAGROUP_TXUSERCELLS}			of cells sent and received by an IMA group		hubhsdpabh
VS_IMAGROUP_PEAK_RXCELLS	hua_imagrouptraffother_tab.son0hgq2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes received	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGROUP_PEAK_RXRATE	hua_imagrouptraffother_tab.suihn6purp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate received by IMA group	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGROUP_PEAK_TXCELLS	hua_imagrouptraffother_tab.son0hgs2i32ahsr1b02offb2f6	INTEGER	#	Obsolete in Vn00R010; Maximum number of bytes sent	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGROUP_PEAK_TXRATE	hua_imagrouptraffother_tab.suihn6xurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate sent by IMA group	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMAGROUP_RXDROP	hua_imagrouptraffother_tab.suihna4urp2ahrhr0035xvpkr0	INTEGER	#	Number of Rx cells discarded by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_RXERRORCELLS	hua_imagrouptraffother_tab.suihnaburp2ahrhr0035xvpkr0	INTEGER	#	Number of error packets received by	Sum	hubcslbh, hubhsdpabh

				IMA group		
VS_IMAGROUP_RXFILLERCELLS	hua_imagrouptraffother_tab.suihn6rurp2ahrhr0035xvpkr0	FLOAT	#	Number of decoupling cells received by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_RXSTUFFCELLS	hua_imagrouptraffother_tab.suihn6nurp2ahrhr0035xvpkr0	INTEGER	#	Number of padding cells received by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_RXUSERCELLS	hua_imagrouptraffother_tab.suihn6lurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells received by an IMA group in a measurement period.	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_TXDISCARD	hua_imagrouptraffother_tab.suihna2urp2ahrhr0035xvpkr0	FLOAT	#	Number of Tx cells discarded by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_TXERRORCELLS	hua_imagrouptraffother_tab.suihna6urp2ahrhr0035xvpkr0	INTEGER	#	Number of error packets transmitted by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_TXFILLERCELLS	hua_imagrouptraffother_tab.suihna0urp2ahrhr0035xvpkr0	FLOAT	#	Number of decoupling cells transmitted by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_TXSTUFFCELLS	hua_imagrouptraffother_tab.suihn6vurp2ahrhr0035xvpkr0	INTEGER	#	Number of padding cells transmitted by IMA group	Sum	hubcslbh, hubhsdpabh
VS_IMAGROUP_TXUSERCELLS	hua_imagrouptraffother_tab.suihn6turp2ahrhr0035xvpkr0	INTEGER	#	Number of cells sent by an IMA group in a measurement period.	Sum	hubcslbh, hubhsdpabh

6.15 IMA_Link Performance Indicators

- IMA_Link.Huawei.UMTS.IMA_Link_Measurement
- IMA_Link.Huawei.UMTS.IMALink_Traffic_others

6.15.1 IMA_Link.Huawei.UMTS.IMA_Link_Measurement

IMA Link utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_IMALNK_CELLS	{VS_IMALNK_TXCELLS} + {VS_IMALNK_RXCELLS}	INTEGER	#	Total number of cells sent and received by an IMA link	Sum	hubcslbh, hubhsdpabh
VS_IMA_Lnk_MeanKbps_Rx	hua_imalink_tab.ykayw2hupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average receive rate of IMA link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMA_Lnk_MeanKbps_Tx	hua_imalink_tab.ykayw2jupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average transmit rate of IMA link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMALNK_PEAK_RXCELLS	hua_imalink_tab.ykayw3rupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Peak number of cells received by an IMA link in a measurement period.	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMALNK_PEAK_RXRATE	hua_imalink_tab.ykayw2dupw2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate of cells received by IMA link	Average	hubcslbh, hubhsdpabh, Sum, Minimum,

						Maximum
VS_IMALNK_PEAK_TXCELLS	hua_imalink_tab.ykayw3tupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Peak number of cells transmitted by an IMA link in a measurement period.	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMALNK_PEAK_TXRATE	hua_imalink_tab.ykayw2fupw2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate of cells transmitted by IMA link	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
VS_IMALNK_RXCELLS	hua_imalink_tab.ykayw26upw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of cells received by IMA link (specific to V100R010)	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_TXCELLS	hua_imalink_tab.ykayw2bupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of cells transmitted by IMA link (specific to V100R010)	Sum	hubcslbh, hubhsdpabh

6.15.2 IMA_Link.Huawei.UMTS.IMALink_Traffic_others

IMA Link error and misc traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IMALNK_F	hua_imalinktraffother_ta	INTEG	#	Number of	Sum	hubcslbh,

AULTCLEAR	b.suihnb4urp2ahrhr0035xvpkr0	ER		fault clearances in IMALNK		hubhsdpabh
VS_IMALNK_FAULTEMIT	hua_imalinktraffother_tab.suihnb2urp2ahrhr0035xvpkr0	INTEGER	#	Number of fault occurrences in IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_FAULTTIME	hua_imalinktraffother_tab.suihnb6urp2ahrhr0035xvpkr0	INTEGER	seconds	Duration of faults in IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXANOMALY	hua_imalinktraffother_tab.suihnarurp2ahrhr0035xvpkr0	INTEGER	#	Number of abnormal frame synchronizations of IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXFILLERCELLS	hua_imalinktraffother_tab.suihnb0urp2ahrhr0035xvpkr0	FLOAT	#	Number of decoupling cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXFILTERCELLS	hua_imalinktraffother_tab.suihnapurp2ahrhr0035xvpkr0	FLOAT	#	Number of decoupling cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXHCSERROR	hua_imalinktraffother_tab.suihnaxurp2ahrhr0035xvpkr0	INTEGER	#	Number of error HCS cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXICPCELLS	hua_imalinktraffother_tab.suihnavurp2ahrhr0035xvpkr0	INTEGER	#	Number of valid ICP cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXICPVIOLATE	hua_imalinktraffother_tab.suihnaturp2ahrhr0035xvpkr0	INTEGER	#	Number of error ICP cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXIDLECELLS	hua_imalinktraffother_tab.suihnajurp2ahrhr0035xvpkr0	INTEGER	#	Number of idle cells received by IMALNK	Sum	hubcslbh, hubhsdpabh

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VS_IMALNK_RXUSERCELLS	hua_imalinktraffother_tab.suihnafurp2ahrhr0035xvpkr0	INTEGER	#	Number of user cells received by IMA link	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_RXUSTUFFCELLS	hua_imalinktraffother_tab.suihnahurp2ahrhr0035xvpkr0	INTEGER	#	Number of padding cells received by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_TXUSERCELLS	hua_imalinktraffother_tab.suihnalurp2ahrhr0035xvpkr0	INTEGER	#	Number of user cells transmitted by IMALNK	Sum	hubcslbh, hubhsdpabh
VS_IMALNK_TXUSTUFFCELLS	hua_imalinktraffother_tab.suihnanurp2ahrhr0035xvpkr0	FLOAT	#	Number of padding cells transmitted by IMA link	Sum	hubcslbh, hubhsdpabh

6.16 IPNODECONN Performance Indicators

- IPNODECONN.Huawei.UMTS.IP_Connect_Network_Transport
- IPNODECONN.Huawei.UMTS.IPNODECONN

6.16.1 IPNODECONN.Huawei.UMTS.IP_Connect_Network_Transport

IP Connect Network Transport traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ANI_IP_Act_Con	hua_ipconn_nettrans_tab.suihn26urp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:Average Number of IP connections when an IP transport adjacent node is in active state.	Average	Sum, Minimum, Maximum
VS_ANI_IP_Conn_Estab_Att	hua_ipconn_nettrans_tab.suihn1vurp2ahrhr0035xvpkr0	INTEGER	#	Number of connection setup requests for IP transport from	Sum	

				the transport layer to the radio network layer.		
VS_ANI_IP_Conn_Estab_Succ	hua_ipconn_nettrans_tab.suihn1xurp2ahrhr0035xvpkr0	INTEGER	#	Number of successful IP connection setups initiated by the transport layer.	Sum	
VS_ANI_IP_Conn_Modify_Att	hua_ipconn_nettrans_tab.suihn20urp2ahrhr0035xvpkr0	INTEGER	#	Number of IP connection modification requests sent from the radio network layer to the transport layer.	Sum	
VS_ANI_IP_Conn_Modify_Succ	hua_ipconn_nettrans_tab.suihn22urp2ahrhr0035xvpkr0	INTEGER	#	Number of successful IP modifications initiated by the transport layer.	Sum	
VS_ANI_IP_Conn_Rel	hua_ipconn_nettrans_tab.suihn24urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of IP connection release requests sent from the radio network layer to the transport layer.	Sum	

6.16.2 IPNODECONN.Huawei.UMTS.IPNODECONN

IP NODE CONN data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_IP_Node_Act_Con	hua_ipnodeconn_ipnodcon_tab.yellfxsmkjckle06pt1d3yt3t6	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_IP_Node_Conn_Estab_Att	hua_ipnodeconn_ipnodcon_tab.w4g23ux5rbbdyr5rgxnrcnumti	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_IP_Node_Conn_Estab_Succ	hua_ipnodeconn_ipnodcon_tab.vaxpxmypdtckqsw3aswsxb10bc	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_IP_Node_Conn_Modify_Att	hua_ipnodeconn_ipnodcon_tab.rsydagd42hby2un35nqyh2tptc	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_IP_Node_Conn_Modify_Succ	hua_ipnodeconn_ipnodcon_tab.shjaucvtvobmau2d4a2r63fbu4	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_IP_Node_Conn_Rel	hua_ipnodeconn_ipnodcon_tab.studdsu0okb26ekrqeswc3dqq5	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	

6.17 IPNODETRM Performance Indicators

- IPNODETRM.Huawei.UMTS.IPNODE_Allocations
- IPNODETRM.Huawei.UMTS.IPNODETRM

6.17.1 IPNODETRM.Huawei.UMTS.IPNODE_Allocations

IP Node Allocations

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
OS_ANI_IP_AllocedBwd	hua_ipnode_allocations_tab.suihn1turp2ahrhr0035xvpkr0	FLOAT	bits	IP path backward bandwidth allocated to an IP transport adjacent node	Average	Sum, Minimum, Maximum
OS_ANI_IP_AllocedFwd	hua_ipnode_allocations_tab.suihn1rurp2ahrhr0035xvpkr0	FLOAT	bits	IP path forward bandwidth allocated to an IP transport adjacent node	Average	Sum, Minimum, Maximum
VS_ANI_IP_AttResAlloc	hua_ipnode_allocations_tab.suihn1nurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of requests for IPNODE resource allocation sent from the radio network layer to the transport layer.	Sum	
VS_ANI_IP_FailResAllocForBwLimit	hua_ipnode_allocations_tab.xlsnyb2lui2aidkrb02ofawjhk	INTEGER	#	Number of Fail Resource Allocations for Reason of Bandwidth Limit by IP Transport Adjacent Node	Sum	

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VS_ANI_IP_SuccResAlloc	hua_ipnode_allocations_tab.suihn1purp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of successful requests of IPNODE resource allocation after the transport layer receives the resource requests from the radio network layer.	Sum	

6.17.2 IPNODETRM.Huawei.UMTS.IPNODETRM

IP NODE TRM data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IP_AttResAlloc	hua_ipnodetrm_ipnodetrm_tab.rvmtedfoembhmsidflx6kjnsc4	INTEGER	#	Obsolete from UTRAN/V900R011:This measurement item provides the number of requests for IPNODE resource allocation sent from the radio network layer to the transport layer.	Sum	
VS_IP_FailResAllocForBwLimit	hua_ipnodetrm_ipnodetrm_tab.xlsny6tlui2aidkrb0	INTEGER	#	Obsolete from	Sum	

	2ofawjhk			UTRAN/V900R011:This measurement item provides the number of fail requests of IPNODE resource allocation for reason of bandwidth limit after the transport layer receives the resource allocation requests from the radio network layer.		
VS_IP_SuccResAlloc	hua_ipnodetrm_ipnodetrm_tab.xymh24g6v2crtcelsbkky6yo56	INTEGER	#	Obsolete from UTRAN/V900R011:This measurement item provides the number of successful requests of IPNODE resource allocation after the transport layer receives the resource allocation requests from the radio network layer.	Sum	

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6.18 IPOA Performance Indicators

- IPOA.Huawei.UMTS.IPOA

6.18.1 IPOA.Huawei.UMTS.IPOA

IPOA data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL_5_IPOA_BYTESRX	hua_ipoa_ipoa_tab.xmmume2lrqc6gr1sxnjfuwtfvu	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by an IPoA PVC link in a measurement period.	Sum	
VS_AAL_5_IPOA_BYTESTX	hua_ipoa_ipoa_tab.x45op6hdfnbtkbyrmq3ynypp5y	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes sent by an IPoA PVC link in a measurement period.	Sum	
VS_AAL_5_IPOA_PEAK_BYTESRX	hua_ipoa_ipoa_tab.ub2wgmpiyy2ahdha0035xkcuc	FLOAT	#	Obsolete from	Constant	Sum, Minimu

	6			UTRAN/V200R010:Maximum number of bytes received by an IPoA PVC link in a measurement period.		m, Maximum
VS_AAL_5_IPOA_PEAK_BYTESTX	hua_ipoa_ipoa_tab.ub2wgmriyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum number of bytes sent by an IPoA PVC link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_AAL_5_IPOA_PEAK_RXRATE	hua_ipoa_ipoa_tab.yw4mvjghb2b6ftqcgw4pvcguiu	INT8	bytes	Obsolete from UTRAN/V900R011:Peak rate of bytes received by an IPoA PVC link	Constant	Sum, Minimum, Maximum

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				in a measure ment period.		
VS_AAL_5_IPOA_PEAK_TXRATE	hua_ipoa_ipoa_tab.wryurub55dbgwbl1dvpd43gj63	INT8	bytes	Obsolete from UTRAN/V900R011:Peak rate of bytes sent by an IPoA PVC link in a measure ment period.	Constant	Sum, Minimum, Maximum
VS_IPOALNK_DROPFORHEADCELLS	hua_ipoa_ipoa_tab.suihnbrurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by IPoA PVC due to error headers	Sum	
VS_IPOALNK_DROPFORRXOVERFLOWCELLS	hua_ipoa_ipoa_tab.suihnbturp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by IPoA PVC due to overflow of receive buffer	Sum	
VS_IPOALNK_DROPFORTXOVERFLOWCELLS	hua_ipoa_ipoa_tab.suihnbvurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by IPoA PVC due	Sum	

				to overflow of send buffer		
VS_IPOALNK_PEAK_BYTESRX	hua_ipoa_ipoa_tab.son0hgu2i32ahsr1b02offb2f6	INTEGER	bytes	Obsolete in Vn00R010; Maximum number of bytes received	Average	Sum, Minimum, Maximum
VS_IPOALNK_PEAK_BYTESTX	hua_ipoa_ipoa_tab.son0hgw2i32ahsr1b02offb2f6	INTEGER	bytes	Obsolete in Vn00R010; Maximum number of bytes sent	Average	Sum, Minimum, Maximum
VS_IPOALNK_PEAK_RXRATE	hua_ipoa_ipoa_tab.tgnkurpsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Peak rate of bytes received by an IPoA PVC link in a measurement period.	Average	Sum, Minimum, Maximum
VS_IPOALNK_PEAK_TXRATE	hua_ipoa_ipoa_tab.tgnkursen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Peak rate of bytes sent by an IPoA PVC link in a measure	Average	Sum, Minimum, Maximum

				ment period.		
VS_IPOALNK_RXBYTES	hua_ipoa_ipoa_tab.tgnkurvsen2ahrhqj035xvpkr0	INT8	bytes	Number of bytes received by an IPoA PVC link in a measurement period.	Sum	
VS_IPOALNK_RXCORRECTCELLS	hua_ipoa_ipoa_tab.suihnbnurp2ahrhr0035xvpkr0	INTEGER	#	Number of correct cells received by IPoA PVC	Sum	
VS_IPOALNK_TXBYTES	hua_ipoa_ipoa_tab.tgnkurtsen2ahrhqj035xvpkr0	INT8	bytes	Number of bytes sent by an IPoA PVC link in a measurement period.	Sum	
VS_IPOALNK_TXCORRECTCELLS	hua_ipoa_ipoa_tab.suihnbpurp2ahrhr0035xvpkr0	INTEGER	#	Number of correct cells transmitted by IPoA PVC	Sum	

6.19 IPOAPVC Performance Indicators

- IPOAPVC.Huawei.UMTS.IPOAPVC

6.19.1 IPOAPVC.Huawei.UMTS.IPOAPVC

IPOA PVC data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPOAPVC_MeasKbps_Rx	hua_ipoapvc_ipoapvc_tab.w0mnu0lrgxbypcea5bvtuku0b0	INTEGER	kbps	Obsolete from UTRAN/V200R010:Average Receive Traffic of IPoA PVC.	Average	Sum, Minimum, Maximum
VS_IPOAPVC_MeasKbps_Tx	hua_ipoapvc_ipoapvc_tab.weuxsat0fjcvueig35g032rfow	INTEGER	kbps	Obsolete from UTRAN/V200R010:Average Transmit Traffic of IPoA PVC.	Average	Sum, Minimum, Maximum

6.20 IPPATH Performance Indicators

- IPPATH.Huawei.UMTS.IP_Performance_Monitor
- IPPATH.Huawei.UMTS.IPPATH_Connections
- IPPATH.Huawei.UMTS.IPPATH_IPPLAYER_QoS
- IPPATH.Huawei.UMTS.IPPATH_IPPLAYER_Traffic
- IPPATH.Huawei.UMTS.IPPATH_IPPM_Jitter
- IPPATH.Huawei.UMTS.IPPATH_PING_V200
- IPPATH.Huawei.UMTS.IPPATH
- IPPATH.Huawei.UMTS.RTP_flux_Measurements

6.20.1 IPPATH.Huawei.UMTS.IP_Performance_Monitor

IP Performance Monitor

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPM_Bits_	hua_ipperformance_tab.y	FLOA	Kbps	Mean bit	Average	Sum,

MeansTx	earq6hupw2ahrhr0035xvpkr0	T		transmission rate (IPPATH IPPM)		Minimum, Maximum
VS_IPPM_Forward_JitterStandardDeviation	hua_ipperformance_tab.yearqa2upw2ahrhr0035xvpkr0	FLOAT	milliseconds	Standard deviation of IPPATH IPPM forward jitter	Average	Sum, Minimum, Maximum
VS_IPPM_Forword_DropMeans	hua_ipperformance_tab.yearq6xupw2ahrhr0035xvpkr0	FLOAT	%	Mean loss rates of IPPATH IPPM forward	Average	Sum, Minimum, Maximum
VS_IPPM_Forword_Peak_DropRates	hua_ipperformance_tab.yearqa0upw2ahrhr0035xvpkr0	INTEGER	%	Peak loss rates of IPPATH IPPM forward	Average	Sum, Minimum, Maximum
VS_IPPM_MaxRttDelay	hua_ipperformance_tab.yearqa6upw2ahrhr0035xvpkr0	INTEGER	milliseconds	Peak delay of IPPATH IPPM RTT	Average	Sum, Minimum, Maximum
VS_IPPM_Peak_Bits_RateTx	hua_ipperformance_tab.yearq6lupw2ahrhr0035xvpkr0	FLOAT	Kbps	Peak bit transmission rate (IPPATH IPPM)	Average	Sum, Minimum, Maximum
VS_IPPM_Peak_Pkts_RateTx	hua_ipperformance_tab.yearq6nupw2ahrhr0035xvpkr0	FLOAT	packets	Peak packet transmission rate (IPPATH IPPM)	Average	Sum, Minimum, Maximum
VS_IPPM_Peer_Bits_MeansRx	hua_ipperformance_tab.yearq6pupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean bit receiving rate of IPPATH IPPM peer	Average	Sum, Minimum, Maximum
VS_IPPM_Peer_P	hua_ipperformance_tab.y	FLOA	Kbps	Peak bit	Average	Sum,

eak_Bits_RateRx	earq6tupw2ahrhr0035xvpkr0	T		receiving rate of IPPATH IPPM peer		Minimum, Maximum
VS_IPPM_Peer_Peak_Pkts_RateRx	hua_ipperformance_tab.yearq6vupw2ahrhr0035xvpkr0	FLOAT	packets	Peak packet receiving rate of IPPATH IPPM peer	Average	Sum, Minimum, Maximum
VS_IPPM_Peer_Pkts_MeansRx	hua_ipperformance_tab.yearq6rupw2ahrhr0035xvpkr0	FLOAT	packets	Mean packet receiving rate of IPPATH IPPM peer	Average	Sum, Minimum, Maximum
VS_IPPM_Pkts_MeansTx	hua_ipperformance_tab.yearq6jupw2ahrhr0035xvpkr0	FLOAT	packets	Mean packet transmission rate (IPPATH IPPM)	Average	Sum, Minimum, Maximum
VS_IPPM_Rtt_Means	hua_ipperformance_tab.yearqa4upw2ahrhr0035xvpkr0	FLOAT	milliseconds	Mean delay of IPPATH IPPM RTT	Average	Sum, Minimum, Maximum

6.20.2 IPPATH.Huawei.UMTS.IPPATH_Connections

IPPATH Connections

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_Act_Con	hua_ippath_connections_tab.suihn4vurp2ahrhr0035xvpkr0	FLOAT	#	Number of IP path active connections to an adjacent node	Average	Sum, Minimum, Maximu

						m

6.20.3 IPPATH.Huawei.UMTS.IPPATH_IPPLAYER_QoS

IP PATH IPLAYER QoS counters

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_IPLAYER_QOS_MEAN_RX	hua_ipplayerqos_tab.suihnn0urp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean receiving rate over the IPPATH IPLAYER QOS link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_QOS_MEAN_TX	hua_ipplayerqos_tab.suihnmvurp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean transmission rate over the IPPATH IPLAYER QOS link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_QOS_PEAK_RXRATE	hua_ipplayerqos_tab.suihnmxurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak receiving rate over the IPPATH IPLAYER QOS link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_QOS_PEAK_TXRATE	hua_ipplayerqos_tab.suihnmturp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak transmission rate over the IPPATH IPLAYER QOS link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_QOS_RXBYTES	hua_ipplayerqos_tab.suihnmnurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of incoming bytes over the IPPATH IPLAYER QOS link	Sum	
VS_IPPATH_IPLAYER_QOS_RXDROPBYTES	hua_ipplayerqos_tab.suihnmrurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded incoming bytes over the	Sum	

				IPPATH IPLAYER QOS link		
VS_IPPATH_IPLAYER_QOS_RXDROPPACKETS	hua_ipplayerqos_tab.suihnmpurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded incoming packets over the IPPATH IPLAYER QOS link	Sum	
VS_IPPATH_IPLAYER_QOS_RXPACKETS	hua_ipplayerqos_tab.suihnmlurp2ahrhr0035xvpkr0	INTEGER	#	Number of incoming packets over the IPPATH IPLAYER QOS link	Sum	
VS_IPPATH_IPLAYER_QOS_TXBYTES	hua_ipplayerqos_tab.suihnmfurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes over the IPPATH IPLAYER QOS link	Sum	
VS_IPPATH_IPLAYER_QOS_TXDROPBYTES	hua_ipplayerqos_tab.suihnmjurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes in transmission over the IPPATH IPLAYER QOS link	Sum	
VS_IPPATH_IPLAYER_QOS_TXDROPPACKETS	hua_ipplayerqos_tab.suihnmhurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded packets in transmission over the IPPATH IPLAYER QOS link	Sum	

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VS_IPPATH_IPLAYER_QOS_TXPACKETS	hua_ipplayerqos_tab.suihnmdurp2ahrhr0035xvpkr0	INTEGER	#	Number of transmitted packets over the IPPATH IPLAYER QOS link	Sum	

6.20.4 IPPATH.Huawei.UMTS.IPPATH_IPPLAYER_Traffic

IP PATH IPLAYER traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_IPLAYER_MEAN_RX	hua_ipplayer_traffic_tab.suihnmburp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean receiving rate over the IPPATH IPLAYER link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_MEAN_TX	hua_ipplayer_traffic_tab.suihnm4urp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean transmission rate over the IPPATH IPLAYER link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_PEAK_RXRATE	hua_ipplayer_traffic_tab.suihnm6urp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak receiving rate over the IPPATH IPLAYER link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_PEAK_TXRATE	hua_ipplayer_traffic_tab.suihnm2urp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak transmission rate over the IPPATH IPLAYER link	Average	Sum, Minimum, Maximum
VS_IPPATH_IPLAYER_RXBYTES	hua_ipplayer_traffic_tab.suihnlvurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of incoming bytes over the IPPATH IPLAYER	Sum	

				link		
VS_IPPATH_IPLAYER_RXDROPBYTES	hua_ipplayer_traffic_tab.suihnm0urp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded incoming bytes over the IPPATH IPLAYER link	Sum	
VS_IPPATH_IPLAYER_RXDROPPACKETS	hua_ipplayer_traffic_tab.suihnlxurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded incoming packets over the IPPATH IPLAYER link	Sum	
VS_IPPATH_IPLAYER_RXPACKETS	hua_ipplayer_traffic_tab.suihnlturp2ahrhr0035xvpkr0	INTEGER	#	Number of incoming packets over the IPPATH IPLAYER link	Sum	
VS_IPPATH_IPLAYER_TXBYTES	hua_ipplayer_traffic_tab.suihnlnurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes over the IPPATH IPLAYER link	Sum	
VS_IPPATH_IPLAYER_TXDROPBYTES	hua_ipplayer_traffic_tab.suihnlrurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes in transmission over the IPPATH IPLAYER link	Sum	
VS_IPPATH_IPLAYER_TXDROPPACKETS	hua_ipplayer_traffic_tab.suihnlpurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded packets in	Sum	

				transmission over the IPPATH IPLAYER link		
VS_IPPATH_IPLAYER_TXPACKETS	hua_ipplayer_traffic_tab.suihnllurp2ahrhr0035xvpkr0	INTEGER	#	Number of packets transmitted over the IPPATH IPLAYER link	Sum	

6.20.5 IPPATH.Huawei.UMTS.IPPATH_IPPM_Jitter

Jitter on IPPATH IPPM

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPM_Back_JitterStandardDeviation	hua_ippmjitter_tab.suihnkrurp2ahrhr0035xvpkr0	FLOAT	milliseconds	IPPATH IPPM backward jitter standard deviation	Average	Sum, Minimum, Maximum

6.20.6 IPPATH.Huawei.UMTS.IPPATH_PING_V200

IP PATH PING counters

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_PING_MaxDELAY	hua_ip_path_ping_v200_tab.ufjtsxe02x2ahsr1b035yijpvo	INTEGER	milliseconds	Maximum IP PATH PING Time Delay	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MaxJITTER	hua_ip_path_ping_v200_tab.ufjtsxi02x2ahsr1b035yijpvo	INTEGER	milliseconds	Maximum IP PATH PING Jitter	Average	Sum, Minimum, Maximu

						m
VS_IPPATH_PING_MaxLOST	hua_ip_path_ping_v200_tab.ufjtsxm02x2ahsr1b035yijpvo	INTEGER	%	Maximum Packet Loss Rate of IP PATH PING	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanDELAY	hua_ip_path_ping_v200_tab.ufjtsxc02x2ahsr1b035yijpvo	INTEGER	milliseconds	IP PATH PING Time Delay	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanJITTER	hua_ip_path_ping_v200_tab.ufjtsxg02x2ahsr1b035yijpvo	INTEGER	milliseconds	Delay Jitter of IP PATH PING	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanLOST	hua_ip_path_ping_v200_tab.ufjtsxk02x2ahsr1b035yijpvo	INTEGER	%	Packet Loss Rate of IP PATH PING	Average	Sum, Minimum, Maximum

6.20.7 IPPATH.Huawei.UMTS.IPPATH

IP PATH data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IPPATH_BYTES	({VS_IPPATH_TX_BYTES} + {VS_IPPATH_RX_BYTES})	INT8	bytes	Obsolete from UTRAN/V200R010:Number of Bytes sent and received by an IPPATH in a measurement period.	Sum	

VS_IP_PktRx_Path	hua_ippath_ippath_tab.ub2wgxliyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:The received packets of IPPATH in a given measurement period.	Sum	
VS_IP_PktTx_Path	hua_ippath_ippath_tab.ub2wgxniyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:The packets sent by IPPATH in a given measurement period.	Sum	
VS_IPPATH_Bwd_Cong_Dur	hua_ippath_ippath_tab.xlsny50lui2aidkrb02ofawjhk	INTEGER	seconds	Backward congestion duration on the IP path	Sum	
VS_IPPATH_Bwd_Cong	hua_ippath_ippath_tab.xlsny4xlui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on the IP path	Sum	
VS_IPPATH_Fwd_Cong_Dur	hua_ippath_ippath_tab.xlsny4vlui2aidkrb02ofawjhk	INTEGER	seconds	Forward congestion duration on the IP path	Sum	
VS_IPPATH_Fwd_Cong	hua_ippath_ippath_tab.xlsny4tlui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on the IP path	Sum	
VS_IPPATH_PEAK_RXBYTES	hua_ippath_ippath_tab.xctpvu4bqubwxb2qd2htbqsiqo	INT8	bytes	Obsolete from UTRAN/V200R010:Number of Bytes Received by IP PATH.	Constant	Sum, Minimum, Maximum
VS_IPPATH_PEAK_TXBY	hua_ippath_ippath_tab.yg6cxbj6rabbbcfq31a2w4rm4e	INT8	bytes	Obsolete from UTRAN/V200	Constant	Sum, Minimu

TES				R010:Peak Number of Bytes Transmitted by IP PATH.		m, Maximum
VS_IPPATH_RX_BYTES	hua_ippath_ippath_tab.sw660w4jijbjse2uxqjrp4yxr6	INT8	bytes	Obsolete from UTRAN/V200R010:Number of Bytes Received by IP PATH.	Sum	
VS_IPPATH_RX_MEANKBPS	hua_ippath_ippath_tab.uyw5amwtj5b42bjwr53wanvp3w	FLOAT	bytes	Obsolete from UTRAN/V200R010:Average Receive Rate of IPPATH.	Average	Sum, Minimum, Maximum
VS_IPPATH_TX_BYTES	hua_ippath_ippath_tab.u2ron1eh2nbnprw0ndjgs44yqc	INT8	bytes	Obsolete from UTRAN/V200R010:Number of Bytes Transmitted by IPPATH.	Sum	
VS_IPPATH_TX_MEANKBPS	hua_ippath_ippath_tab.rwqp1uxdcbcqbsrjs4vrolvgyc	FLOAT	bytes	Obsolete from UTRAN/V200R010:Average Transmit Rate of IP PATH.	Average	Sum, Minimum, Maximum

6.20.8 IPPATH.Huawei.UMTS.RTP_flux_Measurements

RTP flux Measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_RTP_AverageJitter	hua_rtp_flux_tab.yearq4nupw2ahrhr0035xvpkr0	FLOAT	milliseconds	Average delay jitter of RTP packets	Average	Sum, Minimum,

				received over a single IP path		Maximum
VS_IPPATH_RTP_AverageRtt	hua_rtp_flux_tab.yearq4pupw2ahrhr0035xvpkr0	FLOAT	milliseconds	Average RTT of packets received over a single IP path	Average	Sum, Minimum, Maximum
VS_IPPATH_RTP_BandWidth_Rx	hua_rtp_flux_tab.yearq4rupw2ahrhr0035xvpkr0	FLOAT	#	Received local bandwidth of a single IP path	Sum	
VS_IPPATH_RTP_BandWidth_Tx	hua_rtp_flux_tab.yearq4tupw2ahrhr0035xvpkr0	FLOAT	#	Transmitted local bandwidth of a single IP path	Sum	
VS_IPPATH_RTP_BytesLen_Rx	hua_rtp_flux_tab.yearq4hupw2ahrhr0035xvpkr0	FLOAT	#	Total amount of RTP data in kb received over a single IP path	Sum	
VS_IPPATH_RTP_BytesNum_Tx	hua_rtp_flux_tab.yearq4fupw2ahrhr0035xvpkr0	FLOAT	#	Total amount of RTP data in kb transmitted over a single IP path	Sum	
VS_IPPATH_RTP_JitterOverrun_TimeRatio	hua_rtp_flux_tab.yearq4vupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of duration of RTP delay jitter exceeding threshold to total active duration	Average	Sum, Minimum, Maximum
VS_IPPATH_RTP_LossPktRatio_Rx	hua_rtp_flux_tab.yearq4jupw2ahrhr0035xvpkr0	FLOAT	%	Rate of RTP packets loss received over a single IP path	Average	Sum, Minimum, Maximum
VS_IPPATH_	hua_rtp_flux_tab.yearq4lu	INTEG	#	Total number	Sum	

RTP_PktNum_Rx	pw2ahrhr0035xvpkr0	ER		of RTP packets received over a single IP path		
VS_IPPATH_RTP_PktNum_Tx	hua_rtp_flux_tab.yearq4dupw2ahrhr0035xvpkr0	INTEGER	#	Total number of RTP packets transmitted over a single IP path	Sum	
VS_IPPATH_RTP_RttOverrun_TimeRatio	hua_rtp_flux_tab.yearq4xupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of duration of RTT exceeding threshold to total active duration	Average	Sum, Minimum, Maximum

6.21 IPPATHPING Performance Indicators

- IPPATHPING.Huawei.UMTS.IPPATHPING

6.21.1 IPPATHPING.Huawei.UMTS.IPPATHPING

IP PATH PING data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IPPATH_PING_MaxDELAY	hua_ippathping_ippathpi_tab.uptbudotg3bysua5pqu0ionpan	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Constant	Sum, Minimum, Maximum
VS_IPPATH_PING_MaxJITTER	hua_ippathping_ippathpi_tab.uciys66c4ibmrenpe2prexpkhb	INTEGER	#	Obsolete from UTRAN/V900 R011:No	Constant	Sum, Minimum,

				description available.		Maximum
VS_IPPATH_PING_MaxLOST	hua_ippathping_ippathpi_tab.yc4c54nujxc0wceu2ij62kfutg	INTEGER	#	Obsolete from UTRAN/V900R011:No description available.	Constant	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanDELAY	hua_ippathping_ippathpi_tab.viab4yjbd5bufbfkr4yh64eps4	INTEGER	#	Obsolete from UTRAN/V900R011:No description available.	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanJITTER	hua_ippathping_ippathpi_tab.s2wal6mwgsbk1cx4utxnaifg6l	INTEGER	#	Obsolete from UTRAN/V900R011:No description available.	Average	Sum, Minimum, Maximum
VS_IPPATH_PING_MeanLOST	hua_ippathping_ippathpi_tab.xtolbb2prgbb5rvfbbr02ncyku	INTEGER	#	Obsolete from UTRAN/V900R011:No description available.	Average	Sum, Minimum, Maximum

6.22 Iu Performance Indicators

- Iu.Huawei.UMTS.CS_SIG_IU_FlowControl
- Iu.Huawei.UMTS.CS_SIG_IU
- Iu.Huawei.UMTS.IU_CS_Bytes
- Iu.Huawei.UMTS.IU_CS_KBPS_AMR_DL
- Iu.Huawei.UMTS.IU_CS_KBPS_AMR_UL
- Iu.Huawei.UMTS.IU_CS_KBPS_AMR_WB_DL
- Iu.Huawei.UMTS.IU_CS_KBPS_AMR_WB_UL
- Iu.Huawei.UMTS.IU_CS_KBPS_CONV_DL
- Iu.Huawei.UMTS.IU_CS_KBPS_CONV_UL
- Iu.Huawei.UMTS.IU_CS_KBPS_STR_DL
- Iu.Huawei.UMTS.IU_CS_KBPS_STR_UL
- Iu.Huawei.UMTS.Iu_MOCN
- Iu.Huawei.UMTS.IU_PS_Bytes
- Iu.Huawei.UMTS.MBMS_Iu
- Iu.Huawei.UMTS.PS_SIG_IU_FlowControl
- Iu.Huawei.UMTS.PS_SIG_IU
- Iu.Huawei.UMTS.SCCP_Connection_Iu
- Iu.Huawei.UMTS.Sig_CS_PS_Iu_LoadBalance

6.22.1 Iu.Huawei.UMTS.CS_SIG_IU_FlowControl

CS SIG IU FlowControl data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IU_SCCP_FlowCtrl_Disc_InitDTCS	hua_iu_if_cs_sig_iufc_tab.xlsnxt2lui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of initial UE messages discarded under the SCCP flow control when the Iu interface receives the CS initial UE messages.	Sum	

6.22.2 Iu.Huawei.UMTS.CS_SIG_IU

CS SIG IU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IU_AttConnRelCNCS_sum	hua_iu_if_cs_sig_iu_tab.uf24gjxx3rc5araftqtrgkutfp	INTEGER	#	Number of IU RELEASE COMMAND messages sent from the CS domain to the RNC. The Iu release	Sum	

				procedure of the CS domain is to release the Iu connection and all the UTRAN resources related to the Iu connection.		
IU_AttConnRelReq UTRANCS_sum	hua_iu_if_cs_sig_iu_tab.tp4seu3mpnbkisnce1w6s0iv20	INTEGER	#	Number of IU RELEASE REQUEST messages sent by the RNC to request the release of the Iu connection to the CS domain. Due to UTRAN generated reasons, the UTRAN requests the CS domain to release the Iu signalling connection for a particular UE by sending the CN an IU RELEASE REQUEST message.	Sum	
IU_RelReqCS_Netw	hua_iu_if_cs_sig_iu_tab.xls	INTEG	#	These	Sum	

orkOpt	nxt4lui2aidkrb02ofawjhk	ER		measurement counters take statistics of the number of IU RELEASE REQUEST messages that the RNC sends to the CS domain for different causes - Network Optimization.		
Total_VS_IU_ErrInd_CS	{VS_IU_ErrInd_CS_Tx} + {VS_IU_ErrInd_CS_Rx}	INTEGER	#	Number of ERROR INDICATION messages sent and received from the CS domain to the RNC.	Sum	
Total_VS_IU_ResetCS	{VS_IU_ResetCS_Rx} + {VS_IU_ResetCS_Tx}	INTEGER	#	Number of RESET messages sent and received from the CS domain to the RNC.	Sum	
VS_IU_ErrInd_CS_Rx	hua_iu_if_cs_sig_iu_tab.vvpthg3iyub3gth235wue5l1pe	INTEGER	#	Number of ERROR INDICATION	Sum	

				messages sent from the CS domain to the RNC.		
VS_IU_ErrInd_CS_Tx	hua_iu_if_cs_sig_iu_tab.rq14kii05hbjnrggtjxj5a4irm	INTEGER	#	Number of ERROR INDICATION messages sent from the RNC to the CS domain.	Sum	
VS_IU_RelCmdCS_NoRAB	hua_iu_if_cs_sig_iu_tab.r0hilhymascmdu1mwrnskqqjma	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the CS domain due to different Iu connection release causes. No Remaining RAB	Sum	
VS_IU_RelCmdCS_NormRel	hua_iu_if_cs_sig_iu_tab.vq2hbeq2e0b1tbunkck66fpfxx	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the CS domain due to different Iu connection release causes.	Sum	

				Normal Release		
VS_IU_RelCmdCS_RelocCan	hua_iu_if_cs_sig_iu_tab.saosulqqxqcnmuijegh5eofwqo	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the CS domain due to different Iu connection release causes. Relocation Canceled	Sum	
VS_IU_RelCmdCS_RelocSucc	hua_iu_if_cs_sig_iu_tab.yafaw6u3uscudbhtlewwcs0bxx	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the CS domain due to different Iu connection release causes. Relocation Success	Sum	
VS_IU_RelCmdCS_UTRANGen	hua_iu_if_cs_sig_iu_tab.xx2yu5divobjwtmygcrpe0btkm	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from	Sum	

				the RNC to the CS domain due to different Iu connection release causes. UTRAN Generated		
VS_IU_RelCSPreempt	hua_iu_if_cs_sig_iu_tab.uvb4qtxifkbbneotr5bwmexiks	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes RAB preempted	Sum	
VS_IU_RelReqCS_IngChkFail	hua_iu_if_cs_sig_iu_tab.w2t2acq231c5cd1edgtrsxjp1y	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes Repeated Integrity Checking Failure	Sum	

VS_IU_RelReqCS_OM	hua_iu_if_cs_sig_iu_tab.tvgoqiovjkbu3sh3sqtnuvxgrq	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes OM Intervention	Sum	
VS_IU_RelReqCS_RadConnUELost	hua_iu_if_cs_sig_iu_tab.v2vb54hbk4b4qsile5wq6gngu0	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes Radio Connection With UE Lost to the CS domain	Sum	
VS_Iu_RelReqCS_RIPFail	hua_iu_if_cs_sig_iu_tab.tmsg4n14i3b1peiljerofddgsq	INTEGER	#	Numbers of IU RELEASE REQUEST	Sum	

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				messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes Failure in the Radio Interface Procedure		
VS_IU_RelReqCS_SigConnRel	hua_iu_if_cs_sig_iu_tab.wvvm0vg4cmcksuy3k26pmuw2v4	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different causes UE Signalling Connection Release	Sum	
VS_Iu_RelReqCS_SRBReset	hua_iu_if_cs_sig_iu_tab.xcdoxca3inblju63e5frfyypja	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS	Sum	

				domain due to different causes Signalling RLC Reset		
VS_IU_ResetCS_Rx	hua_iu_if_cs_sig_iu_tab.suia6ss3ovb0ou4fk3apford1d	INTEGER	#	Number of RESET messages sent from the CS domain to the RNC.	Sum	
VS_IU_ResetCS_Tx	hua_iu_if_cs_sig_iu_tab.tny1bp5tfncbvsle3uqiq0pdvd	INTEGER	#	Number of RESET messages sent from the RNC to the CS domain.	Sum	
VS_IU_SIG_AttConnEstabCS	hua_iu_if_cs_sig_iu_tab.sv2p2x43miceddgqtdvwwo5u2n	INTEGER	#	This item provides the number of INITIAL UE MESSAGE messages from the RNC to the CS domain. When the RNC receives a NAS message from a UE, the RNC will send an INITIAL UE MESSAGE	Sum	

				to set up an Iu signalling connection if inexistent. The RNC takes statistics by CN nodes.		

6.22.3 Iu.Huawei.UMTS.IU_CS_Bytes

IU CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IuCS_BytesPayld_Rx	{VS_IuCS_BytesPayldStr_Rx} + {VS_IuCS_BytesPayldConv_Rx}	INTEGER	bytes	This item provides the number of UL payload bytes of CS streaming and Conversational service data frames on the Iu interface.	Sum	
Total_VS_IuCS_BytesPayld_Tx	{VS_IuCS_BytesPayldStr_Tx} + {VS_IuCS_BytesPayldConv_Tx}	INTEGER	bytes	This item provides the number of DL payload bytes of CS streaming and Conversational service data frames on the Iu interface.	Sum	
Total_VS_IuCS_BytesPayldConv	{VS_IuCS_BytesPayldConv_Rx} + {VS_IuCS_BytesPayldConv_Tx}	INTEGER	bytes	This item provides the number of UL and DL payload bytes of CS conversational service data	Sum	

				frames on the Iu interface		
Total_VS_IuCS_BytesPayldStr	{VS_IuCS_BytesPayldStr_Rx} + {VS_IuCS_BytesPayldStr_Tx}	INTEGER	bytes	This item provides the number of UL and DL payload bytes of CS streaming service data frames on the Iu interface.	Sum	
VS_IuCS_BytesPayldConv_Rx	hua_iu_if_iu_cs_bytes_tab.xhmymragxfbx6calbpcg6u3k2h	INT8	bytes	This item provides the number of UL payload bytes of CS conversational service data frames on the Iu interface	Sum	
VS_IuCS_BytesPayldConv_Tx	hua_iu_if_iu_cs_bytes_tab.xjwmum0mraciibulpeysdcti6n	INT8	bytes	This item provides the number of DL payload bytes of CS conversational service data frames on the Iu interface.	Sum	
VS_IuCS_BytesPayldStr_Rx	hua_iu_if_iu_cs_bytes_tab.yufajawnu3cu2rl33v3tatsw0y	INTEGER	bytes	This item provides the number of UL payload bytes of CS streaming service data frames on the Iu interface.	Sum	

VS_IuCS_Bytes PayldStr_Tx	hua_iu_if_iu_cs_bytes_tab .rejqdg25aabyoeyp0mwhr oaado	INTEG ER	bytes	This item provides the number of DL payload bytes of CS streaming service data frames on the Iu interface.	Sum	

6.22.4 Iu.Huawei.UMTS.IU_CS_KBPS_AMR_DL

IU CS AMR Downlink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregat or	Other Aggrega tors
VS_IU_CS_K BPS_AMR_D L_10_2_HIGH	hua_iu_if_iucskbpsamrdl_t ab.uuo23hvilk2ahdh6b035 xkcuc6	INTEG ER	bits	No description.	Sum	
VS_IU_CS_K BPS_AMR_D L_10_2_LOW	hua_iu_if_iucskbpsamrdl_t ab.sbuexrfr1rcngs1566lcgd vifq	INTEG ER	bits	No description.	Sum	
VS_IU_CS_K BPS_AMR_D L_10_2_SAM PLE_TIMES	hua_iu_if_iucskbpsamrdl_t ab.rqnivbd03wbi6bwhfsexf fvdmn	INTEG ER	#	No description.	Sum	
VS_IU_CS_K BPS_AMR_D L_10_2	hua_iu_if_iucskbpsamrdl_t ab.tei03wjirw2ahdh6r035x kcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 10.2K speech service on the Iu interface.	Average	Sum, Minimu m, Maximu m
VS_IU_CS_K BPS_AMR_D L_12_2_HIGH	hua_iu_if_iucskbpsamrdl_t ab.vjhgtrkcm6bn5souan6m crqccb	INTEG ER	bits	No description.	Sum	
VS_IU_CS_K BPS_AMR_D L_12_2_LOW	hua_iu_if_iucskbpsamrdl_t ab.rohlkxwcnvb0cdnafx4b 2sfbrc	INTEG ER	bits	No description.	Sum	
VS_IU_CS_K	hua_iu_if_iucskbpsamrdl_t	INTEG	#	No description.	Sum	

BPS_AMR_DL_12_2_SAMPLE_TIMES	ab.tgucrt34lbcretux1hrxkesooh	ER				
VS_IU_CS_KBPS_AMR_DL_12_2	hua_iu_if_iucskbpsamrdl_tab.tei03whirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 12.2K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_DL_4_75_HIGH	hua_iu_if_iucskbpsamrdl_tab.udwmsr3ehebsabvm1gakbwm5as	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_4_75_LOW	hua_iu_if_iucskbpsamrdl_tab.we1tuyvncfbjfu25dnxgcfgsim	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_4_75_SAMPLE_TIMES	hua_iu_if_iucskbpsamrdl_tab.rul3cp4ag3bogt4tosqle6ufo0	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_4_75	hua_iu_if_iucskbpsamrdl_tab.tei03wvirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 4.75K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_DL_5_15_HIGH	hua_iu_if_iucskbpsamrdl_tab.yewwbmug6yb4achrlaxk4qme6b	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_5_15_LOW	hua_iu_if_iucskbpsamrdl_tab.x05gxihv2icxwruyqry2yfp306	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_5_15_SAM	hua_iu_if_iucskbpsamrdl_tab.rtct66ufepbgru3e6r0hnj55i3	INTEGER	#	No description.	Sum	

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PLE_TIMES						
VS_IU_CS_KBPS_AMR_DL_5_15	hua_iu_if_iucskbpsamrdl_tab.tei03wtirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 5.15K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_DL_5_9_HIGH	hua_iu_if_iucskbpsamrdl_tab.vfroppscxmbvgc0ybp1iwsks31	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_5_9_LOW	hua_iu_if_iucskbpsamrdl_tab.xjyk5qo4mmbdxdubtr442nanjv	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_5_9_SAMPLE_TIMES	hua_iu_if_iucskbpsamrdl_tab.shq2r25yxobdpbwh5fkekvb5cb	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_5_9	hua_iu_if_iucskbpsamrdl_tab.tei03wrirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 5.9K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_DL_6_7_HIGH	hua_iu_if_iucskbpsamrdl_tab.wnpmum553icccs0gjxhjel6qa6	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_6_7_LOW	hua_iu_if_iucskbpsamrdl_tab.uasnnk3mdhb35ri63gs6qoh2er	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_6_7_SAMPLE_TIMES	hua_iu_if_iucskbpsamrdl_tab.wldqgogiepcpnrvhydcm14hxgb	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_6_7	hua_iu_if_iucskbpsamrdl_tab.tei03wpirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 6.7K speech	Average	Sum, Minimum, Maximum

				service on the Iu interface.		
VS_IU_CS_KBPS_AMR_DL_7_4_HIGH	hua_iu_if_iucskbpsamrdl_tab.ygbpmhlkchcxoeelfks5uct5fu	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_4_LOW	hua_iu_if_iucskbpsamrdl_tab.y3nit2owc2c3fufsagtjr1fujc	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_4_SAMPLE_TIMES	hua_iu_if_iucskbpsamrdl_tab.uwr60vnck0bwnrmavjeomlsjkp	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_4	hua_iu_if_iucskbpsamrdl_tab.tei03wnirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 7.4K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_DL_7_95_HIGH	hua_iu_if_iucskbpsamrdl_tab.wps2w1djtkcu6r3t6a51y6lwkg	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_95_LOW	hua_iu_if_iucskbpsamrdl_tab.w3pngl6xfmc1rrvagjjfmivqlx	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_95_SAMPLE_TIMES	hua_iu_if_iucskbpsamrdl_tab.rg1umnrr31bkbev342bbjwcdqo	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_DL_7_95	hua_iu_if_iucskbpsamrdl_tab.tei03wlirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual DL rate of CS AMR 7.95K speech service on the Iu interface.	Average	Sum, Minimum, Maximum

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6.22.5 Iu.Huawei.UMTS.IU_CS_KBPS_AMR_UL

IU CS AMR Uplink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_CS_KBPS_AMR_UL_10_2_HIGH	hua_iu_if_iucskbpsamrul_tab.ubtcsutm6cbuxsrjxnft5nfuga	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_10_2_LOW	hua_iu_if_iucskbpsamrul_tab.sh5qmhtgsncxkra23s1u4kamyj	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_10_2_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.uwolag0e0lcjvryftcqn66hnhf	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_10_2	hua_iu_if_iucskbpsamrul_tab.tei03x0irw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual UL rate of CS AMR 10.2K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_UL_12_2_HIGH	hua_iu_if_iucskbpsamrul_tab.w4x3qg3ckybgarrrprpqsm330u	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_12_2_LOW	hua_iu_if_iucskbpsamrul_tab.rab23gp5xubovuh4f1jj0nms2j	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_12_2_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.uick5hhnwhbettjbq6lpo4x1oa	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_12_2	hua_iu_if_iucskbpsamrul_tab.tei03wxirw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual UL rate of CS AMR 12.2K speech service on the	Average	Sum, Minimum, Maximum

				Iu interface.		
VS_IU_CS_KBPS_AMR_UL_4_75_HIGH	hua_iu_if_iucskbpsamrul_tab.vx0lnlimuycu1d421gxmnsjrc4	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_4_75_LOW	hua_iu_if_iucskbpsamrul_tab.tkn66pcbpfccdc3axvdk3vldnf	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_4_75_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.uwcxc4wjgbbvwbltmqqaxjsl1m	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_AMR_UL_4_75	hua_iu_if_iucskbpsamrul_tab.yogww3yprxcwddjmkinnw5s1bk	FLOAT	kbs	This item provides the actual UL rate of CS AMR 4.75K speech service on the Iu interface	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_UL_5_15_HIGH	hua_iu_if_iucskbpsamrul_tab.r6yoq0gb4hcpvtyfd5ilukfsdg	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_5_15_LOW	hua_iu_if_iucskbpsamrul_tab.r6ehsbmavnb14r6ti2e50sgest	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_5_15_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.y2hwhwl5xwb2icqfmdyubqxbo0	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_AMR_UL_5_15	hua_iu_if_iucskbpsamrul_tab.wiir3tckhfbyfbjypapwnrpjjt	FLOAT	kbs	This item provides the actual UL rate of CS AMR 5.15K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_K	hua_iu_if_iucskbpsamrul_t	INTEG	bits	No description.	Sum	

BPS_AMR_UL_5_9_HIGH	ab.t4202vl43fc5jsgat6jfpyjcw0	ER				
VS_IU_CS_KBPS_AMR_UL_5_9_LOW	hua_iu_if_iucskbpsamrul_tab.rsriwngtrdbvve2fybq54xpukd	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_5_9_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.t23cgmv4pgc4atpe5tqlm2cu1x	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_AMR_UL_5_9	hua_iu_if_iucskbpsamrul_tab.yavrn521cgbdgecqxhseblx4nh	FLOAT	kbs	This item provides the actual UL rate of CS AMR 5.9K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_UL_6_7_HIGH	hua_iu_if_iucskbpsamrul_tab.rapkp0g4n6bpntqakp1xn3sj2f	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_6_7_LOW	hua_iu_if_iucskbpsamrul_tab.rmd43kdrspbfgtsmtfm1g2h5ea	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_6_7_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.x1iud0gtorcuxdu42pe2xktofr	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_6_7	hua_iu_if_iucskbpsamrul_tab.tei03x6irw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual UL rate of CS AMR 6.7K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_UL_7_4_HIGH	hua_iu_if_iucskbpsamrul_tab.yh1bqv31bqcx5bhxhtxony4qje	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_7_4_LOW	hua_iu_if_iucskbpsamrul_tab.vtfsrtcfdxcsnepdimkxnr0n5q	INTEGER	bits	No description.	Sum	
VS_IU_CS_K	hua_iu_if_iucskbpsamrul_t	INTEG	#	No description.	Sum	

BPS_AMR_UL_7_4_SAMPLE_TIMES	ab.ydgoqs6qiicknsfo2vx5dkwb4x	ER				
VS_IU_CS_KBPS_AMR_UL_7_4	hua_iu_if_iucskbpsamrul_tab.tei03x4irw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual UL rate of CS AMR 7.4K speech service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_AMR_UL_7_95_HIGH	hua_iu_if_iucskbpsamrul_tab.w56xawaxamc0stnkrjw2oy2smv	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_7_95_LOW	hua_iu_if_iucskbpsamrul_tab.sarcwc2nvwcb2tvylwojxht6c4	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_7_95_SAMPLE_TIMES	hua_iu_if_iucskbpsamrul_tab.srcucvquijcadt3lrm3dkt56bl	INTEGER	#	No description.	Sum	
VS_IU_CS_KBPS_AMR_UL_7_95	hua_iu_if_iucskbpsamrul_tab.tei03x2irw2ahdh6r035xkcuc6	FLOAT	kbps	This item provides the actual UL rate of CS AMR 7.95K speech service on the Iu interface.	Average	Sum, Minimum, Maximum

6.22.6 Iu.Huawei.UMTS.IU_CS_KBPS_AMR_WB_DL

Iu CS kbps AWR WB downlink data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_IuCS_Kbps_AMRWB_DL_12_65_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wgy6iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_12_65_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wgybiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_12_65_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wgydiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_12_65	hua_iu_iucskbpsamrwbdl_tab.ub2wgy4iyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 12.65K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_14_25_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wgyhiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_14_25_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wgyjiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_14_25_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wgyliyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_14_25	hua_iu_iucskbpsamrwbdl_tab.ub2wgyfiyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 14.25K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_15_85_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wgypiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_15_85_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wgyriyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_15_85_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wgytiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	

VS_IuCS_Kbps_AMRWB_DL_15_85	hua_iu_iucskbpsamrwbdl_tab.ub2wgyniyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 15.85K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_18_25_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wgyxiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_18_25_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh00iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_18_25_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh02iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_18_25	hua_iu_iucskbpsamrwbdl_tab.ub2wgyviyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 18.25K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_19_85_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wh06iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_19_85_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh0biyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_19_85_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh0diyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_19_85	hua_iu_iucskbpsamrwbdl_tab.ub2wh04iyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 19.85K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

VS_IuCS_Kbps_AMRWB_DL_23_05_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wh0hiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_05_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh0jiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_05_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh0liyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_05	hua_iu_iucskbpsamrwbdl_tab.ub2wh0fiyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 23.05K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_23_85_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wh0piyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_85_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh0riyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_85_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh0tiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_23_85	hua_iu_iucskbpsamrwbdl_tab.ub2wh0niyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 23.855K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_6_60_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wh0xiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_6_60_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh10iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_6_60_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh12iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	

VS_IuCS_Kbps_AMRWB_DL_6_60	hua_iu_iucskbpsamrwbdl_tab.ub2wh0viyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 6.60K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_DL_8_85_Hi	hua_iu_iucskbpsamrwbdl_tab.ub2wh16iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_8_85_Lo	hua_iu_iucskbpsamrwbdl_tab.ub2wh1biyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_8_85_ST	hua_iu_iucskbpsamrwbdl_tab.ub2wh1diyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_DL_8_85	hua_iu_iucskbpsamrwbdl_tab.ub2wh14iyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual DL rate of CS AMRWB 8.855K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum

6.22.7 Iu.Huawei.UMTS.IU_CS_KBPS_AMR_WB_UL

Iu CS kbps AWR WB uplink data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IuCS_Kbps_AMRWB_UL_12_65_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh1hiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_12_65_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh1jiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_U	hua_iu_iucskbpsamrwbul_tab.ub2wh1liyy2ahdha003	INTEGER	#	No description.	Sum	

L_12_65_ST	5xkcuc6					
VS_IuCS_Kbps_AMRWB_UL_12_65	hua_iu_iucskbpsamrwbul_tab.ub2wh1fiyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 12.65K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_14_25_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh1piyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_14_25_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh1riyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_14_25_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh1tiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_14_25	hua_iu_iucskbpsamrwbul_tab.ub2wh1niyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 14.25K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_15_85_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh1xiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_15_85_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh20iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_15_85_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh22iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_15_85	hua_iu_iucskbpsamrwbul_tab.ub2wh1viyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 15.85K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_18_25_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh26iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	

VS_IuCS_Kbps_AMRWB_UL_18_25_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh2biyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_18_25_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh2diyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_18_25	hua_iu_iucskbpsamrwbul_tab.ub2wh24iyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 18.25K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_19_85_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh2hiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_19_85_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh2jiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_19_85_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh2liyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_19_85	hua_iu_iucskbpsamrwbul_tab.ub2wh2fiyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 19.85K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_23_05_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh2piyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_23_05_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh2riyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_23_05_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh2tiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	

VS_IuCS_Kbps_AMRWB_UL_23_05	hua_iu_iucskbpsamrwbul_tab.ub2wh2niyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 23.05K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_23_85_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh2xiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_23_85_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh30iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_23_85_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh32iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_23_85	hua_iu_iucskbpsamrwbul_tab.ub2wh2viyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 23.85K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_6_60_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh36iyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_6_60_Lo	hua_iu_iucskbpsamrwbul_tab.ub2wh3biyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_6_60_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh3diyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_6_60	hua_iu_iucskbpsamrwbul_tab.ub2wh34iyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 6.60K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum
VS_IuCS_Kbps_AMRWB_UL_8_85_Hi	hua_iu_iucskbpsamrwbul_tab.ub2wh3hiyy2ahdha0035xkcuc6	INTEGER	bits	No description.	Sum	
VS_IuCS_Kbp	hua_iu_iucskbpsamrwbul_	INTEG	bits	No description.	Sum	

s_AMRWB_UL_8_85_Lo	tab.ub2wh3jiyy2ahdha0035xkcuc6	ER				
VS_IuCS_Kbps_AMRWB_UL_8_85_ST	hua_iu_iucskbpsamrwbul_tab.ub2wh3liyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	
VS_IuCS_Kbps_AMRWB_UL_8_85	hua_iu_iucskbpsamrwbul_tab.ub2wh3fiyy2ahdha0035xkcuc6	FLOAT	kbits/s	The actual UL rate of CS AMRWB 8.855K speech service on the Iu interface.	Constant	Sum, Minimum, Maximum

6.22.8 Iu.Huawei.UMTS.IU_CS_KBPS_CONV_DL

IU CS Conversational Downlink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_CS_KBPS_CONV_DL_28_8_HIGH	hua_iu_if_iucskbpscvdl_tab.t6v5mltf3scyfcmxwl6r3gcf4q	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_28_8_LOW	hua_iu_if_iucskbpscvdl_tab.yyey4cw1nwb0edcx101bgogqjv	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_28_8_SAMPLE_TIMES	hua_iu_if_iucskbpscvdl_tab.yn5hyfk5r5cclbnv2n13hwysnl	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_DL_28_8	hua_iu_if_iucskbpscvdl_tab.ymougewr20c4ferhnca35ywpo0	FLOAT	kbs	This item provides the actual DL rate of CS 28.8K conversational	Average	Sum, Minimum, Maximum

				service on the Iu interface.		
VS_IU_CS_KBPS_CONV_DL_32_HIGH	hua_iu_if_iucskbpscvdl_tab.xe0r2bjwk4bkxruttj6s66jnnj	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_32_LOW	hua_iu_if_iucskbpscvdl_tab.yuwkuaax63csmeeypfqngr5hqf	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_32_SAMPLE_TIMES	hua_iu_if_iucskbpscvdl_tab.vf52kho620cg0c4lup1w33wmsv	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_DL_32	hua_iu_if_iucskbpscvdl_tab.w5n6hxfbmmbqpuc03wvl2pnmex	FLOAT	kbs	This item provides the actual DL rate of CS 32K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_CONV_DL_56_HIGH	hua_iu_if_iucskbpscvdl_tab.wvu31a2ab2cvfcplsk1smywqj2	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_56_LOW	hua_iu_if_iucskbpscvdl_tab.sayoxdcycxckaeymhowxofh443	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_DL_56_SAMPLE_TIMES	hua_iu_if_iucskbpscvdl_tab.yphrilhpp0bw6b3x00oj2wms0t	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_DL_56	hua_iu_if_iucskbpscvdl_tab.w1jvjrgmlyc6xs4uffvinhuk04	FLOAT	kbs	This item provides the actual DL rate of CS 56K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_CONV_DL_64_HIGH	hua_iu_if_iucskbpscvdl_tab.u0s5dk2410biau2mwpaegquu0h	INTEGER	bits	No description.	Sum	
VS_IU_CS_K	hua_iu_if_iucskbpscvdl_ta	INTEG	bits	No description.	Sum	

BPS_CONV_DL_64_LOW	b.urfpy6nywcc5odsqh3tfwk60fa	ER				
VS_IU_CS_KBPS_CONV_DL_64_SAMPLE_TIMES	hua_iu_if_iucskbpscvdl_tab.uw0thjrc52bficlmawm0lnjtpo	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_DL_64	hua_iu_if_iucskbpscvdl_tab.vyg04yqff3bp6dbvvamhuxydj2	FLOAT	kbs	This item provides the actual DL rate of CS 64K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum

6.22.9 Iu.Huawei.UMTS.IU_CS_KBPS_CONV_UL

IU CS Conversational Uplink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_CS_KBPS_CONV_UL_28_8_HIGH	hua_iu_if_iucskbpscvul_tab.v25gajbjgwbeiermrnapsicepl	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_28_8_LOW	hua_iu_if_iucskbpscvul_tab.xkluect2m0bjlcswrjr41rjwow	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_28_8_SAMPLE_TIMES	hua_iu_if_iucskbpscvul_tab.uhqxjxx2cbb13tmaodma3n6pnk	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_UL_28_8	hua_iu_if_iucskbpscvul_tab.v11e46hqhnbwlbjgegvw4ei0gb	FLOAT	kbs	This item provides the actual UL rate of CS 28.8K	Average	Sum, Minimum, Maximu

				conversational service on the Iu interface.		m
VS_IU_CS_KBPS_CONV_UL_32_HIGH	hua_iu_if_iucskbpscvul_tab.vybu6was1bcqwctcc1num0a1tp	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_32_LOW	hua_iu_if_iucskbpscvul_tab.s2wvbp04cucd0dvemakl2xonyy	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_32_SAMPLE_TIMES	hua_iu_if_iucskbpscvul_tab.twers4a2vxchtr5qy1fmcix21r	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_UL_32	hua_iu_if_iucskbpscvul_tab.sq2co3jyy2b5wr61xdirrgrqwe	FLOAT	kbs	This item provides the actual UL rate of CS 32K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_CONV_UL_56_HIGH	hua_iu_if_iucskbpscvul_tab.xjl4fqmfaubwlb033vfhtredke	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_56_LOW	hua_iu_if_iucskbpscvul_tab.xldjxoocmtba0u0vr25oddoedo	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_56_SAMPLE_TIMES	hua_iu_if_iucskbpscvul_tab.uwpxonvxglcsts6i4qfrdvr5oo	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_UL_56	hua_iu_if_iucskbpscvul_tab.u66hw6dimvcadsfc2123nonrce	FLOAT	kbs	This item provides the actual UL rate of CS 56K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_CONV_UL_64_HIGH	hua_iu_if_iucskbpscvul_tab.uvochugf5bcrqsjd3ajmh0jwc1	INTEGER	bits	No description.	Sum	

VS_IU_CS_KBPS_CONV_UL_64_LOW	hua_iu_if_iucskbpscvul_tab.vfnt2o1mflbrlbpfmw1ssnd1po	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_CONV_UL_64_SAMPLE_TIMES	hua_iu_if_iucskbpscvul_tab.r4pyctm21icwjuaammnyqdovc5	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Conv_UL_64	hua_iu_if_iucskbpscvul_tab.widpor6n2ebufccdu2ob2hbfqf	FLOAT	kbs	This item provides the actual UL rate of CS 64K conversational service on the Iu interface.	Average	Sum, Minimum, Maximum

6.22.10Iu.Huawei.UMTS.IU_CS_KBPS_STR_DL

IU CS Streaming Downlink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_CS_KBPS_STR_DL_14_4_HIGH	hua_iu_if_iucskbpsstrdl_tab.xoinmax46jb10rgvmuxyhbjmya	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_14_4_LOW	hua_iu_if_iucskbpsstrdl_tab.rdrlsk6fldcmgrwtiug5bvagby	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_14_4_SAMPLE_TIMES	hua_iu_if_iucskbpsstrdl_tab.tfrliutm3icoote0kd2frpe3fc	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_DL_14_4	hua_iu_if_iucskbpsstrdl_tab.ys2kacjdvictybikxnwebtlkwq	FLOAT	kbs	This item provides the actual DL rate of CS 14.4K streaming	Average	Sum, Minimum, Maximum

				service on the Iu interface		
VS_IU_CS_KBPS_STR_DL_28_8_HIGH	hua_iu_if_iucskbpsstrdl_tab.r5pkd0pd1ab15ce5aovena3cbi	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_28_8_LOW	hua_iu_if_iucskbpsstrdl_tab.ug6vsfobqqbwceqgm52f26kj5y	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_28_8_SAMPLE_TIMES	hua_iu_if_iucskbpsstrdl_tab.y1fskx4p0obwqr1g1eq4nius3x	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_DL_28_8	hua_iu_if_iucskbpsstrdl_tab.yi6txsk1dcb4jebwodww1tr3lr	FLOAT	kbs	This item provides the actual UL rate of CS 28.8K streaming service on the Iu interface	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_STR_DL_57_6_HIGH	hua_iu_if_iucskbpsstrdl_tab.r6ft6ho0pgbrdt1kjuouuxucfr	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_57_6_LOW	hua_iu_if_iucskbpsstrdl_tab.x5tu5etmducr1tcbvk3rxjsuab	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_DL_57_6_SAMPLE_TIMES	hua_iu_if_iucskbpsstrdl_tab.sf6edbivtfchydwt5mm3c46ele	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_DL_57_6	hua_iu_if_iucskbpsstrdl_tab.wcdsblrwmybqfeiisrvrdooswg	FLOAT	kbs	This item provides the actual DL rate of CS 57.6K streaming service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_STR_DL_64_HIGH	hua_iu_if_iucskbpsstrdl_tab.ssxtq12rwwbwpuq5aslb33wi6y	INTEGER	bits	No description.	Sum	
VS_IU_CS_K	hua_iu_if_iucskbpsstrdl_ta	INTEG	bits	No description.	Sum	

BPS_STR_DL_64_LOW	b.tikmdatmn3ckrdnin2nkn2qp45	ER				
VS_IU_CS_KBPS_STR_DL_64_SAMPLE_TIMES	hua_iu_if_iucskbpsstrdl_tab.t25j5becnicnhb32hd01srbl6m	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_DL_64	hua_iu_if_iucskbpsstrdl_tab.wgxudlina2cy6tpakha2obv0lk	FLOAT	kbs	This item provides the actual DL rate of CS 64K streaming service on the Iu interface.	Average	Sum, Minimum, Maximum

6.22.11Iu.Huawei.UMTS.IU_CS_KBPS_STR_UL

IU CS Streaming Uplink data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_CS_KBPS_STR_UL_14_4_HIGH	hua_iu_if_iucskbpsstrul_tab.xxs6obeywycequmyrsgwlhk1mq	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_14_4_LOW	hua_iu_if_iucskbpsstrul_tab.rfuolqjrjcccpsbfv3whrbhbas	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_14_4_SAMPLE_TIMES	hua_iu_if_iucskbpsstrul_tab.x2bu6nba1qc13c1qqepws6cblu	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_UL_14_4	hua_iu_if_iucskbpsstrul_tab.xevfh36bk3bn3rqquiafici0rl	FLOAT	kbs	This item provides the actual UL rate of CS 14.4K streaming service on the	Average	Sum, Minimum, Maximum

				Iu interface		
VS_IU_CS_KBPS_STR_UL_28_8_HIGH	hua_iu_if_iucskbpsstrul_tab.wcnnigodksbr4dxggk0ujnenxl	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_28_8_LOW	hua_iu_if_iucskbpsstrul_tab.ttajrjg0orbhgephhd2e4wco4v	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_28_8_SAMPLE_TIMES	hua_iu_if_iucskbpsstrul_tab.ykfwiywsmlcwor043a6ji3prha	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_UL_28_8	hua_iu_if_iucskbpsstrul_tab.sdms33w0fhbxvckxjq4kls2ii4	FLOAT	kbs	This item provides the actual DL rate of CS 28.8K streaming service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_STR_UL_57_6_HIGH	hua_iu_if_iucskbpsstrul_tab.s34ynkfvjkcvitwma4hl5lc3xl	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_57_6_LOW	hua_iu_if_iucskbpsstrul_tab.sunpxba5ombdsceuntqcjdmdsn	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL_57_6_SAMPLE_TIMES	hua_iu_if_iucskbpsstrul_tab.u5adgtrbvqbesekwwvxu5bcrdb	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_UL_57_6	hua_iu_if_iucskbpsstrul_tab.yssw4wbofxcd1ubovq3takw23y	FLOAT	kbs	This item provides the actual UL rate of CS 57.6K streaming service on the Iu interface.	Average	Sum, Minimum, Maximum
VS_IU_CS_KBPS_STR_UL_64_HIGH	hua_iu_if_iucskbpsstrul_tab.tnvlj5plxgcqqurg6a1xbhxoqw	INTEGER	bits	No description.	Sum	
VS_IU_CS_KBPS_STR_UL	hua_iu_if_iucskbpsstrul_tab.uwihokbg2xbs3tnwq2xo	INTEGER	bits	No description.	Sum	

_64_LOW	1ixyi6					
VS_IU_CS_KBPS_STR_UL_64_SAMPLE_TIMES	hua_iu_if_iucskbpsstrul_tab.vlyvuc2v33bvbbq3whsisu5mlu	INTEGER	#	No description.	Sum	
VS_IU_CS_Kbps_Str_UL_64	hua_iu_if_iucskbpsstrul_tab.xyjuc01l3jc4mbl33baikevn1l	FLOAT	kbs	This item provides the actual UL rate of CS 64K streaming service on the Iu interface.	Average	Sum, Minimum, Maximum

6.22.12Iu.Huawei.UMTS.Iu_MOCN

Iu MOCN data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_MOCN_CsPsCoordination	hua_iu_mocn_tab.xlsnycflui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of Redirect in the scenario of the MOCN for different causes - Redirect cause is CS/PS coordination required.	Sum	
VS_IU_MOCN_GprsServicesNotAllowed	hua_iu_mocn_tab.xlsnycplui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of	Sum	

				Redirect in the scenario of the MOCN for different causes - Redirect cause is GPRS services not allowed in this PLMN.		
VS_IU_MOCN_LocAreaNotAllowed	hua_iu_mocn_tab.xlsnychlui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of Redirect in the scenario of the MOCN for different causes - Redirect cause is location area not allowed.	Sum	
VS_IU_MOCN_NoSuitableCell	hua_iu_mocn_tab.xlsnycnlui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of Redirect in the scenario of the MOCN for different causes - Redirect cause is no suitable cell in location area.	Sum	
VS_IU_MOCN_PlmnNotAllowed	hua_iu_mocn_tab.xlsnycjlui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of Redirect in	Sum	

				the scenario of the MOCN for different causes - Redirect cause is PLMN not allowed.		
VS_IU_MOCN_RoamNotAllowed	hua_iu_mocn_tab.xlsnycllui2aidkrb02ofawjhk	INTEGER	#	The measurement counters provide the number of Redirect in the scenario of the MOCN for different causes - Redirect cause is roaming not allowed in this location area.	Sum	

6.22.13Iu.Huawei.UMTS.IU_PS_Bytes

Iu PS bytes measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IuPS_BytesPayld_Rx	({VS_IuPS_BytesPayldBgrd_Rx} + {VS_IuPS_BytesPayldConv_Rx} + {VS_IuPS_BytesPayldIntact_Rx} + {VS_IuPS_BytesPayldStr_Rx})	INT8	bytes	This item provides the number of received payload bytes of PS streaming, conversational, interactive and background service data	Sum	

				frames on the Iu interface.		
Total_VS_IuPS_BytesPayld_Tx	({VS_IuPS_BytesPayldBgrd_Tx} + {VS_IuPS_BytesPayldConv_Tx} + {VS_IuPS_BytesPayldIntact_Tx} + {VS_IuPS_BytesPayldStr_Tx})	INT8	bytes	This item provides the number of transmitted payload bytes of PS streaming, conversational, interactive and background service data frames on the Iu interface.	Sum	
Total_VS_IuPS_BytesPayldBgrd	({VS_IuPS_BytesPayldBgrd_Rx} + {VS_IuPS_BytesPayldBgrd_Tx})	INT8	bytes	Total bytes of download and upload background service on IU interface PS domain.	Sum	
Total_VS_IuPS_BytesPayldConv	({VS_IuPS_BytesPayldConv_Rx} + {VS_IuPS_BytesPayldConv_Tx})	INT8	bytes	Total bytes of download and uploadconversation service on IU interface PS domain.	Sum	
Total_VS_IuPS_BytesPayldIntact	({VS_IuPS_BytesPayldIntact_Rx} + {VS_IuPS_BytesPayldIntact_Tx})	INT8	bytes	Total bytes of download and uploadstreaming service on IU interface PS domain.	Sum	
Total_VS_IuPS_BytesPayldStr	({VS_IuPS_BytesPayldStr_Rx} + {VS_IuPS_BytesPayldStr_Tx})	INT8	bytes	Total bytes of download and uploadstreaming service on IU interface PS domain.	Sum	
VS_IuPS_BytesPayldBgrd_Rx	hua_iu_if_iu_ps_bytes_tab.ub2wh4diyy2ahdha0035xkcuc6	INT8	bytes	Total bytes of download background	Sum	

				service on IU interface PS domain.		
VS_IuPS_Bytes PayldBgrd_Tx	hua_iu_if_iu_ps_bytes_tab .ub2wh4fiyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of upload background service on IU interface PS domain.	Sum	
VS_IuPS_Bytes PayldConv_Rx	hua_iu_if_iu_ps_bytes_tab .ub2wh4hiyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of download conversation service on IU interface PS domain.	Sum	
VS_IuPS_Bytes PayldConv_Tx	hua_iu_if_iu_ps_bytes_tab .ub2wh4jiyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of upload conversation service on IU interface PS domain.	Sum	
VS_IuPS_Bytes PayldIntact_Rx	hua_iu_if_iu_ps_bytes_tab .ub2wh4liyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of download streaming service on IU interface PS domain.	Sum	
VS_IuPS_Bytes PayldIntact_Tx	hua_iu_if_iu_ps_bytes_tab .ub2wh4niyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of upload interact service on IU interface PS domain.	Sum	
VS_IuPS_Bytes PayldStr_Rx	hua_iu_if_iu_ps_bytes_tab .ub2wh4piyy2ahdha0035x kcuc6	INT8	bytes	Total bytes of download streaming service on IU interface PS domain.	Sum	
VS_IuPS_Bytes	hua_iu_if_iu_ps_bytes_tab	INT8	bytes	Total bytes of	Sum	

PayldStr_Tx	.ub2wh4riyy2ahdha0035xkcuc6			upload streaming service on IU interface PS domain.		
VS_IuPS_CopperBE_Bytes_Rx	hua_iu_if_iu_ps_bytes_tab.xlsnxtllui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of uplink bytes of the PS domain CopperBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	
VS_IuPS_CopperBE_Bytes_Tx	hua_iu_if_iu_ps_bytes_tab.xlsnxtflui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of uplink bytes of the PS domain CopperBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	
VS_IuPS_GoldenBE_Bytes_Rx	hua_iu_if_iu_ps_bytes_tab.xlsnxthlui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of downlink bytes of the PS domain GoldenBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	

VS_IuPS_GoldenBE_Bytes_Tx	hua_iu_if_iu_ps_bytes_tab.xlsnxtblui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of uplink bytes of the PS domain GoldenBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	
VS_IuPS_SilverBE_Bytes_Rx	hua_iu_if_iu_ps_bytes_tab.xlsnxtjlui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of uplink bytes of the PS domain SilverBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	
VS_IuPS_SilverBE_Bytes_Tx	hua_iu_if_iu_ps_bytes_tab.xlsnxtdlui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the total number of uplink bytes of the PS domain SilverBE service on the Iu interface. The IuPS contains the GTPU header and application layer data.	Sum	

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.22.14Iu.Huawei.UMTS.MBMS_Iu

MBMS Iu data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_MBMS_Fail_IuSigFail	hua_iu_mbms_tab.ub2wh3piyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION START FAILURE messages due to IU signalling fail send to CN.	Sum	
VS_IU_MBMS_Fail_IuUpFail	hua_iu_mbms_tab.ub2wh3riyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION START FAILURE messages due to IU User Part fail send to CN.	Sum	
VS_IU_MBMS_Fail_NNSF	hua_iu_mbms_tab.ub2wh3tiyy2ahdha0035xkcuc6	INTEGER	#	The measurement is triggered when the RNC sends MBMS SESSION START FAILURE messages to CN due to NNSF.	Sum	
VS_IU_MBMS_Fail_NoRsrc	hua_iu_mbms_tab.ub2wh3viyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION START FAILURE messages due to no resource send to CN.	Sum	
VS_IU_MBMS_Fail	hua_iu_mbms_tab.ub2wh3niyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION	Sum	

				START FAILURE messages received from CN.		
VS_IU_MBMS_Start	hua_iu_mbms_tab.ub2wh3xiyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION START FAILURE messages due to no resource send to CN.	Sum	
VS_IU_MBMS_Succ	hua_iu_mbms_tab.ub2wh40iyy2ahdha0035xkcuc6	INTEGER	#	Number of MBMS SESSION START RESPONSE messages send to CN.	Sum	

6.22.15Iu.Huawei.UMTS.PS_SIG_IU_FlowControl

PS SIG IU FlowControl data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IU_SCCP_FlowCtrl_Disc_InitDTPS	hua_iu_if_ps_sig_iufc_tab.xlsnxt6lui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of initial UE messages discarded under the SCCP flow control when the Iu interface receives the PS	Sum	

				initial UE messages.		

6.22.16Iu.Huawei.UMTS.PS_SIG_IU

PS SIG IU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
IU_AttConnRelCNPS_sum	hua_iu_if_ps_sig_iu_tab.s616kooifcblddtx3ov4wmiha6	INTEGER	#	Number of IU RELEASE COMMAND messages sent from the PS domain to the RNC. The Iu release procedure initiates the PS domain to release the Iu connection and all the UTRAN resources related to the Iu.	Sum	
IU_AttConnRelReqUTRANPS_sum	hua_iu_if_ps_sig_iu_tab.wn2j5cj53qbcnuklvv3uu5vb21	INTEGER	#	Number of IU RELEASE REQUEST messages sent by the RNC to request the release of the Iu connection to the PS domain. Due	Sum	

				to UTRAN generated reasons, the UTRAN requests the PS domain to release the Iu signalling connection for a particular UE by sending the CN an IU RELEASE REQUEST message		
Total_VS_IU_ErrInd_PS	{VS_IU_ErrInd_PS_Rx} + {VS_IU_ErrInd_PS_Tx}	INTEGER	#	Number of ERROR INDICATION messages sent and received from the PS domain to the RNC.	Sum	
Total_VS_IU_Reset PS	{VS_IU_ResetPS_Rx} + {VS_IU_ResetPS_Tx}	INTEGER	#	Number of RESET messages sent and received from the PS domain to the RNC.	Sum	
VS_IU_ErrInd_PS_Rx	hua_iu_if_ps_sig_iu_tab.w5andhdetjcngeeqt1qlip056n	INTEGER	#	Number of ERROR INDICATION messages sent from the PS domain	Sum	

				to the RNC.		
VS_IU_ErrInd_PS_Tx	hua_iu_if_ps_sig_iu_tab.x4kg20brpscw0tc3f3wljt1ys6	INTEGER	#	Number of ERROR INDICATION messages sent from the RNC to the PS domain.	Sum	
VS_IU_RelCmdPS_NoRAB	hua_iu_if_ps_sig_iu_tab.sr00sqkr2lbg4dcup1wvlgd3qp	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the PS due to different Iu connection release causes No Remaining RAB	Sum	
VS_IU_RelCmdPS_NormRel	hua_iu_if_ps_sig_iu_tab.sbpa1tffl6br5rsj16y2ysu0fc	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the PS due to different Iu connection release causes Normal Release	Sum	
VS_IU_RelCmdPS_RelocCan	hua_iu_if_ps_sig_iu_tab.s3nqhfmfiicuerrv6x1sjfqhy4	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the	Sum	

				PS due to different Iu connection release causes Relocation Canceled		
VS_IU_RelCmdPS_RelocSucc	hua_iu_if_ps_sig_iu_tab.usabgteckqcfycwl4icqe6jb0b	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the PS due to different Iu connection release causes Relocation Success	Sum	
VS_IU_RelCmdPS_UTRANGen	hua_iu_if_ps_sig_iu_tab.xx16u3uifsccmbjdkebxyrdqnk	INTEGER	#	Numbers of IU RELEASE COMMAND messages sent from the RNC to the PS due to different Iu connection release causes UTRAN Generated	Sum	
VS_IU_RelPSPreempt	hua_iu_if_ps_sig_iu_tab.x05xybhq35b0ycws2ny3t6bvq0	INTEGER	#	Numbers of IU RELEASE REQUEST messages	Sum	

				sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes		
VS_IU_RelReqPS_IngChkFail	hua_iu_if_ps_sig_iu_tab.r5vauahng2cchuramomgdbvgnb	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes Repeated Integrity Checking Failure	Sum	
VS_IU_RelReqPS_OM	hua_iu_if_ps_sig_iu_tab.s1n5fimgm0c62spmph5q64mgru	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS	Sum	

				domain due to different Iu release request causes OM Intervention		
VS_Iu_RelReqPS_RIPFail	hua_iu_if_ps_sig_iu_tab.umlc2d41rkck2rwh123feer2os	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes Failure in the Radio Interface Procedure	Sum	
VS_IU_RelReqPS_SigConnRel	hua_iu_if_ps_sig_iu_tab.urwivfsug2bqedbryhd6rb4t5r	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due	Sum	

				to different Iu release request causes UE Signalling Connection Release		
VS_Iu_RelReqPS_SRBReset	hua_iu_if_ps_sig_iu_tab.win3tk5sx5blmu2pomgp3guttu	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes Signalling RLC Reset	Sum	
VS_IU_RelReqPS_UELost	hua_iu_if_ps_sig_iu_tab.w4oudv40crcdsr16xekv4r11nx	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes Radio Connection With UE	Sum	

				Lost to the CS domain		
VS_IU_RelReqPS_UsrInact	hua_iu_if_ps_sig_iu_tab.slk4uxi5ifcrasl42u5t6opprg	INTEGER	#	Numbers of IU RELEASE REQUEST messages sent from the RNC to request the release of the Iu connection to the CS domain due to different Iu release request causes User Inactivity	Sum	
VS_IU_ResetPS_Rx	hua_iu_if_ps_sig_iu_tab.y4wbpny56xb5euuk4akpuj2e5v	INTEGER	#	Number of RESET messages sent from the PS domain to the RNC.	Sum	
VS_IU_ResetPS_Tx	hua_iu_if_ps_sig_iu_tab.yddvgq2w41blqdguuayowqkbq2	INTEGER	#	Number of RESET messages sent from the RNC to the PS domain.	Sum	
VS_IU_SIG_AttConnEstabPS	hua_iu_if_ps_sig_iu_tab.sriwabb6p6cr6rjpbwu4hwvojt	INTEGER	#	This item provides the number of INITIAL UE MESSAGE messages from the	Sum	

				RNC to the PS domain. When the RNC receives an NAS message from a UE, the RNC will send an INITIAL UE MESSAGE to set up an Iu signalling connection if inexistent. The RNC takes statistics by CN nodes.		

6.22.17Iu.Huawei.UMTS.SCCP_Connection_Iu

SCCP Connections over Iu

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_SCCP_Rx_Con_Req	hua_sccp_connection_iu_tab.yearq62upw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection request of Iu interface received from CN	Sum	
VS_IU_SCCP_Rx_Con_Succ	hua_sccp_connection_iu_tab.yearq64upw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection successful establishments of Iu interface received from CN	Sum	
VS_IU_SCCP	hua_sccp_connection_iu_t	INTEG	#	Total Number of	Sum	

_Tx_Con_Req	ab.yearq5xupw2ahrhr0035xvpkr0	ER		SCCP connection request of Iu interface sent by RNC		
VS_IU_SCCP_Tx_Con_Succ	hua_sccp_connection_iu_tab.yearq60upw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection successful establishments of Iu interface sent by RNC	Sum	

6.22.18Iu.Huawei.UMTS.Sig_CS_PS_Iu_LoadBalance

load balanced CS and PS INITIAL UE messages over Iu

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_LdBalRtCS_IMEI	hua_sigcspsiulbalance_tab.yearq1fupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to the CS domain by load balancing in the case of IuFLEX. RNC measures this item according to IMEI carried by UE.	Sum	
VS_IU_LdBalRtCS_IMSI	hua_sigcspsiulbalance_tab.yearq1bupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to	Sum	

				the CS domain by load balancing in the case of IuFLEX. RNC measures this item according to IMSI carried by UE.		
VS_IU_LdBalRtCS_InValidNRI	hua_sigcspsiulbalance_tab.yearq1dupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to the CS domain by load balancing in the case of IuFLEX. RNC measures this item according to NRI carried by UE.	Sum	
VS_IU_LdBalRtPS_IMEI	hua_sigcspsiulbalance_tab.yearq1lupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to the PS domain by load balancing in the case of IuFLEX. RNC measures this item according to IMEI carried by UE.	Sum	
VS_IU_LdBalRtPS_IMSI	hua_sigcspsiulbalance_tab.yearq1hupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to the PS domain by load	Sum	

				balancing in the case of IuFLEX. RNC measures this item according to IMSI carried by UE.		
VS_IU_LdBalRtPS_InValidNRI	hua_sigcspsiulbalance_tab.yearq1jupw2ahrhr0035xvpkr0	INTEGER	#	Number of INITIAL UE MESSAGE messages that RNC sends to the PS domain by load balancing in the case of IuFLEX. RNC measures this item according to NRI carried by UE.	Sum	

6.23 Iur Performance Indicators

- Iur.Huawei.UMTS.DRNC_RLs
- Iur.Huawei.UMTS.DRNC
- Iur.Huawei.UMTS.SCCP_Connection_Iur
- Iur.Huawei.UMTS.SRNC_CallDrop_DiffServices
- Iur.Huawei.UMTS.SRNC
- Iur.Huawei.UMTS.Traffic

6.23.1 Iur.Huawei.UMTS.DRNC_RLs

RLs reconfigured by DRNC.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SHO_FailR	hua_drnc_rls_tab.yearq2tu	INTEG	#	Number of RLs	Sum	

LAddIur_TransCong_Tx	pw2ahrhr0035xvpkr0	ER		unsuccessfully added by DRNC on Iur interface for different causes (transport resource unavailable)		
VS_SHO_FailRLRecfgIur_TransCongRx	hua_drnc_rls_tab.yearq2pupw2ahrhr0035xvpkr0	INTEGER	#	Number of RLs unsuccessfully reconfigured by DRNC on Iur interface for different causes (transport resource unavailable)	Sum	
VS_SHO_FailRLSetupIur_TransCongTx	hua_drnc_rls_tab.yearq2rupw2ahrhr0035xvpkr0	INTEGER	#	Number of RLs unsuccessfully established by DRNC on Iur interface for different causes (transport resource unavailable)	Sum	

6.23.2 Iur.Huawei.UMTS.DRNC

Drift Radio Network Controller data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Abnorm_Rel_HSPA_CS_Conv_Iurlink	hua_iur_interface_drnc_tab.xlsnxtplui2aidkrb02ofawjhk	INTEGER	#	Number of CS over HSPA RABs abnormally released in the best cell which belongs to the DRNC on the SRNC Iur	Sum	

				interface.		
Norm_Rel_HSPA_CS_Conv_Iurlink	hua_iur_interface_drnc_tab.xlsnxtnlui2aidkrb02ofawjhk	INTEGER	#	Number of CS over HSPA RABs normally released in the best cell which belongs to the DRNC on the SRNC Iur interface.	Sum	
VS_AbRel_CS_AMR_IurL	hua_iur_interface_drnc_tab.ub2wgn6iyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS AMR RABs triggered by abnormal cause on Iur interface which belongs to the DRNC	Sum	
VS_AbRel_CS_Conv_RB_64_IurL	hua_iur_interface_drnc_tab.ub2wgnbiyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS conversational service RABs triggered by abnormal cause on Iur interface which belongs to the DRNC (Max DL bit rate = 64 kbps)	Sum	
VS_AbRel_PS_BE_RB_0_32_IurL	hua_iur_interface_drnc_tab.ub2wgnfiyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service	Sum	

				RABs triggered by abnormal cause on Iur interface which belongs to the DRNC (Max DL bit rate in [0,32]kbps)		
VS_AbRel_PS_BE_RB_144_384_IurL	hua_iur_interface_drnc_tab.ub2wgnjiyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered by abnormal cause on Iur interface which belongs to the DRNC (Max DL bit rate in (144,384]kbps)	Sum	
VS_AbRel_PS_BE_RB_32_64_IurL	hua_iur_interface_drnc_tab.ub2wgnniyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered by abnormal cause on Iur interface which belongs to the DRNC (Max DL bit rate in (32,64]kbps)	Sum	
VS_AbRel_PS_BE_RB_64_144_IurL	hua_iur_interface_drnc_tab.ub2wgnriyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered by abnormal cause on Iur	Sum	

				interface which belongs to the DRNC (Max DL bit rate in (64,144]kbps)		
VS_AbRel_PS_CCH_IurL	hua_iur_interface_drnc_tab.ub2wgnviyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS RABs triggered by abnormal cause on Iur interface which belongs to the DRNC (the PS service is on CCH)	Sum	
VS_IUR_AttComTraChResDRNC	hua_iur_interface_drnc_tab.smshsixcfucksegqy5510l5vvj	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCES REQUEST messages sent from DRNC on the Iur interface.	Sum	
VS_IUR_AttRelCoTrChResDRNC	hua_iur_interface_drnc_tab.r6evn6rd20bn1s0kta2jqoet4l	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RELEASE REQUEST messages received by a DRNC on the Iur interface.	Sum	
VS_IUR_FailCTCR	hua_iur_interface_drnc_ta	INTEG	#	Number of	Sum	

DRNC_NotSupp	b.xpgy4dq5d4cbtut1n1enuxdf10	ER		COMMON TRANSPORT CHANNEL RESOURCES FAILURE messages with cause Transport Resource Unavailable sent from a DRNC to the SRNC on the Iur interface.		
VS_IUR_SuccComTraChResDRNC	hua_iur_interface_drnc_tab.wpcrljwqmqc4rr11dorldnhbyf	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCES RESPONSE messages sent from a DRNC on the Iur interface.	Sum	
VS_NorRel_CS_AMR_IurL	hua_iur_interface_drnc_tab.ub2wh5xiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of CS AMR service RABs Released due to Normal Causes in the best cell which belongs to the DRNC	Sum	
VS_NorRel_CS_AMR_UL_Iur	hua_iur_interface_drnc_tab.ub2wh62iyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS AMR RABs triggered by ue signalling connection release indication on Iur interface	Sum	

				cell which belongs to the DRNC		
VS_NorRel_CSConv_64_Iur	hua_iur_interface_drnc_tab.ub2wh66iyy2ahdha0035xkcuc6	INTEGER	#	Numbers of CS conversational service RABs Released due to Normal Causes in the best cell which belongs to the DRNC (Max DL bit rate = 64 kbps)	Sum	
VS_NorRel_CSConv_64_UL_Iur	hua_iur_interface_drnc_tab.ub2wh6diyy2ahdha0035xkcuc6	INTEGER	#	Number of released CS conversational service RABs triggered ue signalling connection release indication on Iur interface cell which belongs to the DRNC (Max DL bit rate = 64 kbps)	Sum	
VS_NorRel_PS_BE_0_32_Iur	hua_iur_interface_drnc_tab.ub2wh6hiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of PS BE service RABs Released due to Normal Causes in the best cell	Sum	

				which belongs to the DRNC (Max DL bit rate in [0,32]kbps)		
VS_NorRel_PS_BE_0_32_UL_Iur	hua_iur_interface_drnc_tab.ub2wh6liyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered ue signalling connection release indication on Iur interface which belongs to the DRNC (Max DL bit rate in [0,32]kbps)	Sum	
VS_NorRel_PS_BE_144_384_Iur	hua_iur_interface_drnc_tab.uh2kkmbiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of PS BE service RABs Released due to Normal Causes in the best cell which belongs to the DRNC(Max DL bit rate in (144,384]kbps)	Sum	
VS_NorRel_PS_BE_144_384_UL_Iur	hua_iur_interface_drnc_tab.uh2kkmfiyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered ue signalling connection release indication on Iur interface which	Sum	

				belongs to the DRNC (Max DL bit rate in (144,384]kbps)		
VS_NorRel_PS_BE_32_64_Iur	hua_iur_interface_drnc_tab.uh2kkmjiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of PS BE service RABs Released due to Normal Causes in the best cell which belongs to the DRNC (Max DL bit rate in (32,64]kbps)	Sum	
VS_NorRel_PS_BE_32_64_UL_Iur	hua_iur_interface_drnc_tab.uh2kkmniyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered ue signalling connection release indication on Iur interface which belongs to the DRNC (Max DL bit rate in (32,64]kbps)	Sum	
VS_NorRel_PS_BE_64_144_Iur	hua_iur_interface_drnc_tab.uh2kkmriyy2ahdha0035xkcuc6	INTEGER	#	Numbers of PS BE service RABs Released due to Normal Causes in the best cell which	Sum	

				belongs to the DRNC (Max DL bit rate in (64,144]kbps)		
VS_NorRel_PS_BE_64_144_UL_Iur	hua_iur_interface_drnc_tab.uh2kkmviyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS BE service RABs triggered ue signalling connection release indication on Iur interface which belongs to the DRNC (Max DL bit rate in (64,144]kbps)	Sum	
VS_NorRel_PS_CCH_IurL	hua_iur_interface_drnc_tab.uh2kkn0iyy2ahdha0035xkcuc6	INTEGER	#	Numbers of PS BE service RABs Released due to Normal Causes in the best cell which belongs to the DRNC (Max DL bit rate in (64,144]kbps)	Sum	
VS_NorRel_PS_CCH_USRel_IurL	hua_iur_interface_drnc_tab.uh2kkn4iyy2ahdha0035xkcuc6	INTEGER	#	Number of released PS RABs triggered ue signalling connection release indication on Iur interface which belongs to the DRNC (the PS service is	Sum	

				on CCH)		
VS_SHO_AttRLAddIur_Rx	hua_iur_interface_drnc_tab.rvsd5mw2wubpgsc11lngwtjb22	INTEGER	#	Number of RLs that DRNC is requested to add on the Iur interface.	Sum	
VS_SHO_AttRLDelIur_Rx	hua_iur_interface_drnc_tab.rajg4kctwccegu36cqep6vetrf	INTEGER	#	Number of RLs that a DRNC is requested to delete on the Iur interface.	Sum	
VS_SHO_AttRLRecfgIur_Rx	hua_iur_interface_drnc_tab.xkr4m1ed4pcuidp65hy1q05ymy	INTEGER	#	Number of RLs that a DRNC is requested to reconfigure on the Iur interface.	Sum	
VS_SHO_AttRLSetupIur_Rx	hua_iur_interface_drnc_tab.rtrgat5mnkcnqc64hsnx3swads	INTEGER	#	Number of RLs that a DRNC is requested to set up on the Iur interface.	Sum	
VS_SHO_CancRLRecfgIur_Rx	hua_iur_interface_drnc_tab.tmbjxfrsi4bkdcgyymysej5elu	INTEGER	#	Number of RLs whose synchronized reconfiguration is cancelled by a DRNC on the Iur interface.	Sum	
VS_SHO_ErrIndIur_Rx	hua_iur_interface_drnc_tab.rnsu66ccqmb0uuabctswcvp06y	INTEGER	#	Number of ERROR INDICATION messages	Sum	

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				received on the Iur interface.		
VS_SHO_ErrIndIur_Tx	hua_iur_interface_drnc_tab.rb0hil2nn2btkcr5itximrqju2	INTEGER	#	Number of ERROR INDICATION messages transmitted on the Iur interface.	Sum	
VS_SHO_FailRLAddIur_CfgUnsTx	hua_iur_interface_drnc_tab.wx05yydisxcait0u3f6s2pcecg	INTEGER	#	The numbers of RLs unsuccessfully added by a DRNC on the Iur interface due to different causes. Combining not Supported, Requested Tx Diversity Mode not Supported, Power Level not Supported, Number of DL codes not Supported, Number of UL codes not Supported, CM not Supported	Sum	
VS_SHO_FailRLAddIur_Cong_Tx	hua_iur_interface_drnc_tab.ypbutmm5qxbqjrscyhip6mfkgt	INTEGER	#	The numbers of RLs unsuccessfully added by a DRNC on the Iur interface due to	Sum	

				different causes. RL Already Activated, RL Already Allocated, DL Radio Resources not Available, UL Radio Resources not Available, Combining Resources not available, Cell not Available, Transport Resource Unavailable, Control Processing Overload, Not enough User Plane Processing Resources		
VS_SHO_FailRLAddIur_HW_Tx	hua_iur_interface_drnc_tab.scestxf0x5ctjrr5ngvyofbyja	INTEGER	#	The numbers of RLs unsuccessfully added by a DRNC on the Iur interface due to different causes. Hardware Failure	Sum	
VS_SHO_FailRLAddIur_OM_Tx	hua_iur_interface_drnc_tab.rltf5jynxqc4ybine3dbcnyeqq	INTEGER	#	The numbers of RLs unsuccessfull	Sum	

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				y added by a DRNC on the Iur interface due to different causes. OM Intervention		
VS_SHO_FailRLRecfgIur_CfgUTx	hua_iur_interface_drnc_tab.uyrwdy3uuacqkurvoqr45aesx0	INTEGER	#	The numbers of RLs unsuccessfully reconfigured by a DRNC on the Iur interface due to different causes Requested Configuration not Supported, Number of DL Codes not Supported, Number of UL Codes not Supported, Dedicated Transport Channel Type not Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported	Sum	
VS_SHO_FailRLR	hua_iur_interface_drnc_ta	INTEG	#	The numbers	Sum	

ecfgIur_CongTx	b.sy4obcni1ib42txinssfrg3ugc	ER		of RLs unsuccessfully reconfigured by a DRNC on the Iur interface due to different causes DL Radio Resources not Available, UL Radio Resources not Available, Control Processing Overload, Not enough User Plane Processing Resources, UL Scrambling Code Already in Use		
VS_SHO_FailRLR ecfgIur_HW_Tx	hua_iur_interface_drnc_tab.sjvgo6cws1ccsrtoq3ohcqm1j0	INTEGER	#	The numbers of RLs unsuccessfully reconfigured by a DRNC on the Iur interface due to different causes Hardware Failure	Sum	
VS_SHO_FailRLR ecfgIur_OM_Tx	hua_iur_interface_drnc_tab.syk1nno2klc50ddcnbdg	INTEGER	#	The numbers of RLs	Sum	

	ded1m3			unsuccessfully reconfigured by a DRNC on the Iur interface due to different causes OM Intervention		
VS_SHO_FailRLSetupIur_CfgUTx	hua_iur_interface_drnc_tab.uxq05m5k3ob2rsjcrwc36bruvs	INTEGER	#	The above items provide the numbers of RLs unsuccessfully established by a DRNC on the Iur interface due to different causes. Combining not Supported, Requested Configuration not Supported, Requested Tx Diversity Mode not Supported, Power Level not Supported, Number of DL codes not Supported, Number of UL codes not Supported, Dedicated Transport Channel Type not Supported,	Sum	

				DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported		
VS_SHO_FailRLSetupIur_CongTx	hua_iur_interface_drnc_tab.tufurrbk62b0jr4ypns35qdd1u	INTEGER	#	The above items provide the numbers of RLs unsuccessfully established by a DRNC on the Iur interface due to different causes.	Sum	
VS_SHO_FailRLSetupIur_HW_Tx	hua_iur_interface_drnc_tab.r50ex1dmbfbljupmg4njugxy3e	INTEGER	#	The above items provide the numbers of RLs unsuccessfully established by a DRNC on the Iur interface due to different causes. Hardware Failure	Sum	
VS_SHO_RLFail_CfgUnsup_Tx	hua_iur_interface_drnc_tab.v2ihjpcnfnbd3ujk6wjedn6scr	INTEGER	#	The numbers of failed RLs for the DRNC on the Iur	Sum	

				interface due to different causes. Requested Configuration not Supported, Number of DL codes not Supported, Number of UL codes not Supported, Transport Channel Type not Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported		
VS_SHO_RLFail_HW_Tx	hua_iur_interface_drnc_tab.rkuejrguwtcwgelhj6yxfbulho	INTEGER	#	The numbers of failed RLs for the DRNC on the Iur interface due to different causes. Hardware Failure	Sum	
VS_SHO_RLFail_OM_Tx	hua_iur_interface_drnc_tab.u1h6lj2w5abkdr6f6yabs1vhkr	INTEGER	#	The numbers of failed RLs for the DRNC on the Iur interface due to different causes. OM	Sum	

				Intervention		
VS_SHO_RLFail_Other_Tx	hua_iur_interface_drnc_tab.yuu6luw21wbnfdkoad1ctye3ij	INTEGER	#	The numbers of failed RLs for the DRNC on the Iur interface due to different causes. Other Cause	Sum	
VS_SHO_RLFail_SyncFail_Tx	hua_iur_interface_drnc_tab.tchpp056d0bvpc0h1oyh05ng23	INTEGER	#	The numbers of failed RLs for the DRNC on the Iur interface due to different causes. Synchronization Failure	Sum	
VS_SHO_RLFail_Tx	hua_iur_interface_drnc_tab.sqvteblr0bbbvd60rbal3xbmh0	INTEGER	#	Number of failed RLs for a DRNC on the Iur interface.	Sum	
VS_SHO_RLRestore_Tx	hua_iur_interface_drnc_tab.tuswp6wgbsckxskj3q2xd5qowr	INTEGER	#	Number of RLs restored by a DRNC on the Iur interface.	Sum	
VS_SHO_SuccRLAddIur_Tx	hua_iur_interface_drnc_tab.y4a1vs5ceyb1hegsoiwj1pfr0k	INTEGER	#	Number of RLs successfully added by a DRNC on the Iur interface.	Sum	
VS_SHO_SuccRLDelIur_Tx	hua_iur_interface_drnc_tab.rqrwtndo1kcracem3imfnepr4b	INTEGER	#	Number of RLs successfully deleted by a	Sum	

				DRNC on the Iur interface.		
VS_SHO_SuccRLRecfgIur_Tx	hua_iur_interface_drnc_tab.wjdtxce130cmje223jsptx6f11	INTEGER	#	Number of RLs successfully reconfigured by a DRNC on the Iur interface.	Sum	
VS_SHO_SuccRLSetupIur_Tx	hua_iur_interface_drnc_tab.ytgyggj0hibfdrr3jlyewh20hd	INTEGER	#	Number of RLs successfully established by a DRNC on the Iur interface	Sum	

6.23.3 Iur.Huawei.UMTS.SCCP_Connection_Iur

SCCP Connections over Iur.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IUR_SCCP_Rx_Con_Req	hua_sccp_connection_iur_tab.yearq6dupw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection request of Iur interface received from remote RNC	Sum	
VS_IUR_SCCP_Rx_Con_Succ	hua_sccp_connection_iur_tab.yearq6fupw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection successful establishments of Iur interface received from remote RNC	Sum	
VS_IUR_SCCP_Tx_Con_Req	hua_sccp_connection_iur_tab.yearq66upw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection	Sum	

				request of Iur interface sent by local RNC		
VS_IUR_SCCP_Tx_Con_Succ	hua_sccp_connection_iur_tab.yearq6bupw2ahrhr0035xvpkr0	INTEGER	#	Total Number of SCCP connection successful establishments of Iur interface sent by local RNC	Sum	

6.23.4 Iur.Huawei.UMTS.SRNC_CallDrop_DiffServices

RAB releases over Iur

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ABNORM_REL_CS_STR_IURLINK	hua_srnccalldropdiff_tab.yearq2fupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for CS streaming services and released for abnormal causes over Iur in the best cell which is under the DRNC	Sum	
VS_ABNORM_REL_PS_CONV_IURLINK	hua_srnccalldropdiff_tab.yearq2hupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS conversational services and released for abnormal causes over Iur in the best cell	Sum	

				which is under the DRNC		
VS_ABNORM_REL_PS_EDCH_IURLINK	hua_srnccalldropdiff_tab.yearq2nupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the e-DCH and are released for abnormal causes over Iur in the best cell which is under the DRNC	Sum	
VS_ABNORM_REL_PS_HS_IURLINK	hua_srnccalldropdiff_tab.yearq2lupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the HS-DSCH and are released for abnormal causes over Iur in the best cell which is under the DRNC	Sum	
VS_ABNORM_REL_PS_STR_IURLINK	hua_srnccalldropdiff_tab.yearq2jupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS streaming services and released for abnormal causes over Iur in the best cell which is under the DRNC	Sum	
VS_NORM_REL_CS_STR_IURLINK	hua_srnccalldropdiff_tab.yearq1rupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for CS streaming services and normally released over	Sum	

				Iur in the best cell which is under the DRNC		
VS_NORM_REL_CS_STR_ULSIGREL_IURLINK	hua_srnccalldropdiff_tab.yearq22upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for CS streaming services and released over Iur with the cause of "release-due-to-UE-generated-signalling-connection-release" in the best cell which is under the DRNC.	Sum	
VS_NORM_REL_PS_CONV_IURLINK	hua_srnccalldropdiff_tab.yearq1tupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS conversational services and normally released over Iur in the best cell which is under the DRNC	Sum	
VS_NORM_REL_PS_CONV_ULSIGREL_IURLINK	hua_srnccalldropdiff_tab.yearq24upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS conversational services and released over Iur with the cause of "release-due-to-	Sum	

				UE-generated-signalling-connection-release" in the best cell which is under the DRNC		
VS_NORM_REL_PS_EDCH_IURLINK	hua_srnccalldropdiff_tab.yearq20upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the e-DCH and are normally released over Iur in the best cell which is under the DRNC	Sum	
VS_NORM_REL_PS_EDCH_ULSIGREL_IURLINK	hua_srnccalldropdiff_tab.yearq2dupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the e-DCH and are released over Iur with the cause of "release-due-to-UE-generated-signalling-connection-release" in the best cell which is under the DRNC	Sum	
VS_NORM_REL_PS_HS_IURLINK	hua_srnccalldropdiff_tab.yearq1xupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the HS-DSCH and are normally released over Iur in the best	Sum	

				cell which is under the DRNC		
VS_NORM_REL_PS_HS_ULSIGREL_IURLINK	hua_srnccalldropdiff_tab.yearq2bupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS services carried on the HS-DSCH and are released over Iur with the cause of "release-due-to-UE-generated-signalling-connection-release" in the best cell which is under the DRNC	Sum	
VS_NORM_REL_PS_STR_IURLINK	hua_srnccalldropdiff_tab.yearq1vupw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS streaming services and normally released over Iur in the best cell which is under the DRNC	Sum	
VS_NORM_REL_PS_STR_ULSIGREL_IURLINK	hua_srnccalldropdiff_tab.yearq26upw2ahrhr0035xvpkr0	INTEGER	#	Number of RABs that are specific for PS streaming services and released over Iur with the cause of "release-due-to-	Sum	

				UE-generated-signalling-connection-release" in the best cell which is under the DRNC		

6.23.5 Iur.Huawei.UMTS.SRNC

Serving Radio Network Controller data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IUR_AttComTraChResSRNC	hua_iur_interface_srnc_tab.y4hjbgi5lccrdrkypqmruqyqsx	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCES REQUEST messages sent from SRNC on the Iur interface.	Sum	
VS_IUR_AttRelCoTrChResSRNC	hua_iur_interface_srnc_tab.yd3ayfjccwb2cu04x1lkfyjubo	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCES RELEASE REQUEST messages sent from SRNC on the Iur interface.	Sum	
VS_IUR_FailCTCRSRNC_NotSupp	hua_iur_interface_srnc_tab.v0oglavfwsca1bleu6gde0eqyg	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCE	Sum	

				S FAILURE messages with cause Transport Resource Unavailable received by SRNC on the Iur interface.		
VS_Iur_SHO_Att	hua_iur_interface_srnc_tab.y5wjoy2myfbaeeps5kgps02dxf	INTEGER	#	Number of soft handovers initiated from SRNC on Iur Interface.	Sum	
VS_Iur_SHO_Succ	hua_iur_interface_srnc_tab.rvpydn4qi6bnrsfeuct3hj65mt	INTEGER	#	Number of successful soft handovers initiated from SRNC on Iur Interface.	Sum	
VS_IUR_SuccComTraChResSRNC	hua_iur_interface_srnc_tab.rhh4221ordcsveoafnsmtq3sg2	INTEGER	#	Number of COMMON TRANSPORT CHANNEL RESOURCES RESPONSE messages received by SRNC on the Iur interface.	Sum	
VS_SHO_AttRLAddIur_Tx	hua_iur_interface_srnc_tab.uv2ttdvh6dbc2efle6alxnowjg	INTEGER	#	Number of RLs that the SRNC requests to add on the Iur	Sum	

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				interface.		
VS_SHO_AttRLRecfgIur_Tx	hua_iur_interface_srnc_tab.rdv4wgqhgrbqarrtivh4ccdith	INTEGER	#	Number of RLs requested by SRNC to reconfigure on the Iur interface.	Sum	
VS_SHO_AttRLSetupIur_Tx	hua_iur_interface_srnc_tab.y4e3wq3obibipctaculddhhui0	INTEGER	#	Number of RLs that the SRNC requests to set up on the Iur interface.	Sum	
VS_SHO_CancelRLRecfgIur_Tx	hua_iur_interface_srnc_tab.yivkf30frxcj5tmqql5pqipkex	INTEGER	#	Number of RLs whose synchronized reconfiguration is cancelled by the SRNC on the Iur interface.	Sum	
VS_SHO_FailRLAddIur_CfgUnsRx	hua_iur_interface_srnc_tab.vtx61m6irsbtqduvpmqep6g0n1	INTEGER	#	The numbers of RLs unsuccessfully added by the SRNC on the Iur interface due to Combining not Supported, Requested Tx Diversity Mode not Supported, Power Level not Supported, Number of DL codes not Supported,	Sum	

				Number of UL codes not Supported, CM not Supported		
VS_SHO_FailRLAddIur_Cong_Rx	hua_iur_interface_srnc_tab.t3g0ph4lghbqeu6ao3whe6h5cs	INTEGER	#	The numbers of RLs unsuccessfully added by the SRNC on the Iur interface due to RL Already Activated, RL Already Allocated, DL Radio Resources not Available, UL Radio Resources not Available, Combining Resources not available, Cell not Available, Transport Resource Unavailable, Control Processing Overload, Not enough User Plane Processing Resources	Sum	

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VS_SHO_FailRLAddIur_HW_Rx	hua_iur_interface_srnc_tab.xpdhkjgsodbe5da3p1616g61na	INTEGER	#	The numbers of RLs unsuccessfully added by the SRNC on the Iur interface due to Hardware Failure	Sum	
VS_SHO_FailRLAddIur_OM_Rx	hua_iur_interface_srnc_tab.srecsrtuvjbowumqt2r2lluogh	INTEGER	#	The numbers of RLs unsuccessfully added by the SRNC on the Iur interface due to OM Intervention	Sum	
VS_SHO_FailRLAddIur_TransCong_Rx	hua_iur_interface_srnc_tab.yearq1pupw2ahrhr0035xvpkr0	INTEGER	#	Number of RLs unsuccessfully added by SRNC on Iur interface for different causes (transport resource unavailable)	Sum	
VS_SHO_FailRLRecfgIur_CfgURx	hua_iur_interface_srnc_tab.w315myshbrc1rtwwtwngye34tr	INTEGER	#	The numbers of RLs unsuccessfully reconfigured on the SRNC Iur interface due to Requested Configuration not Supported, Number of DL Codes not	Sum	

				Supported, Number of UL Codes not Supported, Dedicated Transport Channel Type not Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor Not Supported, CM not Supported		
VS_SHO_FailRLRecfgIur_CongRx	hua_iur_interface_srnc_tab.yrlj04imcmbvfsdvqo25was0tb	INTEGER	#	The numbers of RLs unsuccessfully reconfigured on the SRNC Iur interface due to DL Radio Resources not Available, UL Radio Resources not Available, Control	Sum	

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				Processing Overload, Not enough User Plane Processing Resources, UL Scrambling Code Already in Use		
VS_SHO_FailRLRecfgIur_HW_Rx	hua_iur_interface_srnc_tab.y50gq5kp3mbhhcafg6n0b4thqy	INTEGER	#	The numbers of RLs unsuccessfully reconfigured on the SRNC Iur interface due to DL Hardware Failure	Sum	
VS_SHO_FailRLRecfgIur_NRplyR	hua_iur_interface_srnc_tab.xrqss5keadbtjbcvwgg1tdcii6	INTEGER	#	Number of RLs unsuccessfully deleted by the SRNC on the Iur interface.	Sum	
VS_SHO_FailRLRecfgIur_OM_Rx	hua_iur_interface_srnc_tab.u06f3vgk4ucmscb14pvg6m5mbn	INTEGER	#	The numbers of RLs unsuccessfully reconfigured on the SRNC Iur interface due to DL OM Intervention	Sum	
VS_SHO_FailRLSetupIur_CfgURx	hua_iur_interface_srnc_tab.uadh1xoktjclpcn1t5o3b0652e	INTEGER	#	The numbers of RLs unsuccessfully established by the SRNC on the Iur	Sum	

				interface due to Combining not Supported, Requested Configuratio n not Supported, Requested Tx Diversity Mode not Supported, Power Level not Supported, Number of DL codes not Supported, Number of UL codes not Supported, Dedicated Transport Channel Type not Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported		
VS_SHO_FailRLS	hua_iur_interface_srnc_tab	INTEG	#	The numbers	Sum	

etupIur_CongRx	.vcwgvrbbo2chabxhida40k25cg	ER		of RLs unsuccessfully established by the SRNC on the Iur interface due to RL Already Activated, RL Already Allocated, DL Radio Resources not Available, UL Radio Resources not Available, Combining Resources not available, Cell not Available, Transport Resource Unavailable, Control Processing Overload, Not enough User Plane Processing Resources, UL Scrambling Code Already in Use		
VS_SHO_FailRLSetupIur_HW_Rx	hua_iur_interface_srnc_tab.wcacvahrcqbt1tbq1ja6spiy2l	INTEGER	#	The numbers of RLs unsuccessfully established by the SRNC on the Iur interface due	Sum	

				to Hardware Failure		
VS_SHO_FailRLSetupIur_OM_Rx	hua_iur_interface_srnc_tab.wq6qfpnudjb4urlb2d3b3yfd2y	INTEGER	#	The numbers of RLs unsuccessfully established by the SRNC on the Iur interface due to OM intervention	Sum	
VS_SHO_FailRLSetupIur_TransCongRx	hua_iur_interface_srnc_tab.yearq1nupw2ahrhr0035xvpkr0	INTEGER	#	Number of RLs unsuccessfully established by SRNC on Iur interface for different causes (transport resource unavailable)	Sum	
VS_SHO_RLFailIur_CfgUnsup_Rx	hua_iur_interface_srnc_tab.vejby31xf6cgtuu0hmcbiwhved	INTEGER	#	The numbers of failed RLs for the SRNC on the Iur interface due to Requested Configuration not Supported, Number of DL codes not Supported, Number of UL codes not Supported, Transport Channel Type not	Sum	

				Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported		
VS_SHO_RLFailIur_HW_Rx	hua_iur_interface_srnc_tab.vgctvx4vfac0ccsttpc50hgucy	INTEGER	#	The numbers of failed RLs for the SRNC on the Iur interface due to Hardware Resources	Sum	
VS_SHO_RLFailIur_OM_Rx	hua_iur_interface_srnc_tab.roga5vlyl2bpbda1meimmxkxd3	INTEGER	#	The numbers of failed RLs for the SRNC on the Iur interface due to OM intervention	Sum	
VS_SHO_RLFailIur_Rx	hua_iur_interface_srnc_tab.xkhi0rjyqkcsydlj5x4d5mnhrv	INTEGER	#	Number of failed RLs for the SRNC on the Iur interface.	Sum	
VS_SHO_RLFailIur_SyncFail_Rx	hua_iur_interface_srnc_tab.rcv2wg16vlb0lt5xfsbjk6v3c2	INTEGER	#	The numbers of failed RLs for the SRNC on the Iur interface due to Requested Configuration not Supported,	Sum	

				Number of DL codes not Supported, Number of UL codes not Supported, Transport Channel Type not Supported, DL Shared Channel Type not Supported, UL Spreading Factor not Supported, DL Spreading Factor not Supported, CM not Supported		
VS_SHO_RLRestoreIur_Rx	hua_iur_interface_srnc_tab.tl2cettxi6b3weaeq2k0egqgbn	INTEGER	#	Number of RLs restored by the SRNC on the Iur interface.	Sum	
VS_SHO_SuccRLAddIur_Rx	hua_iur_interface_srnc_tab.u6qrhnqg0fck3uofwoclkjk41p	INTEGER	#	Number of RLs successfully added by SRNC on the Iur interface.	Sum	
VS_SHO_SuccRLRecfgIur_Rx	hua_iur_interface_srnc_tab.sbkkcr4s2fbwtueahut1rhanhl	INTEGER	#	Number of RLs successfully reconfigured by the SRNC.	Sum	

VS_SHO_SuccRLSetupIur_Rx	hua_iur_interface_srnc_tab.tm3xxugv4sb43b0c0h6qt1taae	INTEGER	#	Number of RLs successfully established by SRNC on the Iur interface.	Sum	

6.23.6 Iur.Huawei.UMTS.Traffic

Traffic data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_MAC_DRNCIurBytesDCH	{VS_MAC_DRNCIurBytesDCH_Rx} + {VS_MAC_DRNCIurBytesDCH_Tx}	INT8	bytes	Number of MAC PDUs sent and received by a DRNC from the SRNC on the DCH FP over the Iur interface.	Sum	
Total_VS_MAC_SRNCIurBytesCSConv	{VS_MAC_SRNCIurBytesCSConv_Rx} + {VS_MAC_SRNCIurBytesCSConv_Tx}	INT8	bytes	Number of MAC PDUs sent and received from the SRNC to the MAC-d on the CS conversational service bearer DCH FP over the Iur interface.	Sum	
Total_VS_MAC_SRNCIurBytesCSStr	{VS_MAC_SRNCIurBytesCSStr_Rx} + {VS_MAC_SRNCIurBytesCSStr_Tx}	INT8	bytes	Number of MAC PDUs sent and received from the SRNC to the MAC-d on the CS streaming	Sum	

				service bearer DCH FP over the Iur interface.		
Total_VS_MAC_SRNCIurBytesPSBkg	{VS_MAC_SRNCIurBytesPSBkg_Tx} + {VS_MAC_SRNCIurBytesPSBkg_Rx}	INT8	bytes	Number of DL MAC PDUs sent and received from the SRNC on the PS background service bearer DCH FP over the Iur interface.	Sum	
Total_VS_MAC_SRNCIurBytesPSConv	{VS_MAC_SRNCIurBytesPSConv_Tx} + {VS_MAC_SRNCIurBytesPSConv_Rx}	INT8	bytes	Number of DL MAC PDUs sent and received from the SRNC on the PS conversational service bearer DCH FP over the Iur interface.	Sum	
Total_VS_MAC_SRNCIurBytesPSInt	{VS_MAC_SRNCIurBytesPSInt_Tx} + {VS_MAC_SRNCIurBytesPSInt_Rx}	INT8	bytes	Number of DL MAC PDUs sent and received from the SRNC on the PS interactive service bearer DCH FP over the Iur interface.	Sum	
Total_VS_MAC_SRNCIurBytesPSStr	{VS_MAC_SRNCIurBytesPSStr_Tx} +	INT8	bytes	Number of DL MAC PDUs	Sum	

	{VS_MAC_SRNCIurBytesPSStr_Rx}			sent and received from the SRNC on the PS streaming service bearer DCH FP over the Iur interface.		
Total_VS_MAC_SRNCIurBytesSig	{VS_MAC_SRNCIurBytesSig_Tx} + {VS_MAC_SRNCIurBytesSig_Rx}	INT8	bytes	Number of DL MAC PDUs sent and received from the SRNC on the signalling bearer DCH FP over the Iur interface.	Sum	
VS_MAC_DRNCIurBytesDCH_Rx	hua_iur_interface_traf_tab.xdeerqb3c2bhueogmifrrnhjyv	INT8	bytes	Number of MAC PDUs received by a DRNC from the SRNC on the DCH FP over the Iur interface.	Sum	
VS_MAC_DRNCIurBytesDCH_Tx	hua_iur_interface_traf_tab.xijjh0sbncb3sejvalt0xgulih	INT8	bytes	Number of MAC PDUs sent from a DRNC to the SRNC on the DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesCSConv_Rx	hua_iur_interface_traf_tab.yagfan0dmuc4htipkmn21a5ll5	INT8	bytes	Number of MAC PDUs sent from the SRNC to the MAC-d on the CS conversational service bearer DCH FP over	Sum	

				the Iur interface.		
VS_MAC_SRNCIurBytesCSConv_Tx	hua_iur_interface_traf_tab.xaqxjjowxdcirckddgpgobhdjh	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the CS conversational service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesCSStr_Rx	hua_iur_interface_traf_tab.ubb2g5jsqnc5jr6o4hcyv0wawp	INT8	bytes	Number of MAC PDUs sent from the SRNC to the MAC-d on the CS streaming service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesCSStr_Tx	hua_iur_interface_traf_tab.y0aij4hgjwbbyu3tp2eetruxe6	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the CS streaming service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesPSBkg_Rx	hua_iur_interface_traf_tab.w3oieftftwc1bed41fulrqqmcw	INT8	bytes	Number of UL MAC PDUs sent from the SRNC to the MAC-d on the PS background service bearer DCH FP over	Sum	

				the Iur interface.		
VS_MAC_SRNCIurBytesPSBkg_Tx	hua_iur_interface_traf_tab.s0u6sjjeerbs0ujekv3jafebae	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the PS background service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesPSConv_Rx	hua_iur_interface_traf_tab.xvweniri40bgadsximw5ij42hi	INT8	bytes	Number of UL MAC PDUs sent from the SRNC to the MAC-d on the PS conversational service bearer DCH FP over the Iur interface	Sum	
VS_MAC_SRNCIurBytesPSConv_Tx	hua_iur_interface_traf_tab.yp4yw0bb0xcxeewk2jwrp4clmo	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the PS conversational service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesPSInt_Rx	hua_iur_interface_traf_tab.ymvc45iphtbnheqn4o4jxn5usu	INT8	bytes	Number of UL MAC PDUs sent from the SRNC to the MAC-d on the PS interactive service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCI	hua_iur_interface_traf_tab.	INT8	bytes	Number of DL	Sum	

urBytesPSInt_Tx	wemaqwoux1ctprek2val24jsat			MAC PDUs sent from the SRNC on the PS interactive service bearer DCH FP over the Iur interface.		
VS_MAC_SRNCIurBytesPSStr_Rx	hua_iur_interface_traf_tab.tx3rn1akifblkci4xuop3v52vt	INT8	bytes	Number of UL MAC PDUs sent from the SRNC to the MAC-d on the PS streaming service bearer DCH FP over the Iur interface	Sum	
VS_MAC_SRNCIurBytesPSStr_Tx	hua_iur_interface_traf_tab.xmmheob0rsb0meir1cf13ajldi	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the PS streaming service bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesSig_Rx	hua_iur_interface_traf_tab.tcplhi60oiccpes5lpr1gwinod	INT8	bytes	Byte number of MAC PDUs sent to the MAC-d from the signalling bearer DCH FP over the Iur interface.	Sum	
VS_MAC_SRNCIurBytesSig_Tx	hua_iur_interface_traf_tab.s0iuecumtucqpthpr51dnt3efx	INT8	bytes	Number of DL MAC PDUs sent from the SRNC on the	Sum	

				signalling bearer DCH FP over the Iur interface.		

6.24 Local_Cell Performance Indicators

- Local_Cell.Huawei.UMTS.CPC_Measurement
- Local_Cell.Huawei.UMTS.HSDPA_Code_Utilization
- Local_Cell.Huawei.UMTS.HSDPA_CQI
- Local_Cell.Huawei.UMTS.HSDPA_Data_Measurement
- Local_Cell.Huawei.UMTS.HSDPA_Measurement
- Local_Cell.Huawei.UMTS.HSDPA_Power_Measurement
- Local_Cell.Huawei.UMTS.HSDPA_RAB
- Local_Cell.Huawei.UMTS.HSUPA_Data_Measurement
- Local_Cell.Huawei.UMTS.HSUPA_Load_Measurement
- Local_Cell.Huawei.UMTS.HSUPA_Measurement
- Local_Cell.Huawei.UMTS.HSUPA_Power_Measurement
- Local_Cell.Huawei.UMTS.Traffic_measurements_Locell

6.24.1 Local_Cell.Huawei.UMTS.CPC_Measurement

CPC measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CPC_DRXAct_UserNum	hua_lc_cpcmeas_tab.xlsnyhflui2aidkrb02ofawjhk	INTEGER	#	VS CPC DRXAct UserNum	Average	hulcmdbh, Sum, Minimum, Maximum
VS_CPC_DRXCfg_UserNum	hua_lc_cpcmeas_tab.xlsnyhdlui2aidkrb02ofawjhk	INTEGER	#	VS CPC DRXCfg UserNum	Average	hulcmdbh, Sum, Minimum, Maximum
VS_CPC_DTXAct_UserNum	hua_lc_cpcmeas_tab.xlsnyhblui2aidkrb02ofawjhk	INTEGER	#	VS CPC DTXAct UserNum	Average	hulcmdbh, Sum, Minimum,

						Maximum
VS_CPC_DTXCfg_UserNum	hua_lc_cpcmeas_tab.xlsnyh6lui2aidkrb02ofawjhk	INTEGER	#	VS CPC DTXCfg UserNum	Average	hulcmdbh, Sum, Minimum, Maximum
VS_CPC_LesOpCfg_LesModeNum	hua_lc_cpcmeas_tab.xlsnyhjlui2aidkrb02ofawjhk	INTEGER	#	VS CPC LesOpCfg LesModeNum	Sum	hulcmdbh
VS_CPC_LesOpCfg_SceduledNum	hua_lc_cpcmeas_tab.xlsnyhhlui2aidkrb02ofawjhk	INTEGER	#	VS CPC LesOpCfg SceduledNum	Sum	hulcmdbh

6.24.2 Local_Cell.Huawei.UMTS.HSDPA_Code_Utilization

HSDPA code utilization measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PdschCodeAvail_Max	hua_lc_hsdpa_ci_tab.xlsnygvlui2aidkrb02ofawjhk	FLOAT	#	VS PdschCodeAvail Max	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCodeAvail_Mean	hua_lc_hsdpa_ci_tab.xlsnygtlui2aidkrb02ofawjhk	FLOAT	#	VS PdschCodeAvail Mean	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCodeUsed_Max	hua_lc_hsdpa_ci_tab.xlsnygrlui2aidkrb02ofawjhk	FLOAT	#	VS PdschCodeUsed Max	Average	hulcmdbh, Sum, Minimu

						m, Maximum
VS_PdschCode Used_Mean	hua_lc_hsdpa_ci_tab.xlsnygplui2aidkrb02ofawjhk	FLOAT	#	VS PdschCodeUsed Mean	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCode Util_Max	hua_lc_hsdpa_ci_tab.uuo23ljilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCode Util_Mean_Data	hua_lc_hsdpa_ci_tab.uuo23ltilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCode Util_Mean_User	hua_lc_hsdpa_ci_tab.uuo23lrilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCode Util_Mean	hua_lc_hsdpa_ci_tab.uuo23lhilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschCode Util_Min	hua_lc_hsdpa_ci_tab.uuo23llilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum
VS_ScchCodeUtil_Max	hua_lc_hsdpa_ci_tab.uuo23ldilk2ahdh6b035xkcuc	INTEGER	#	No description.	Constant	hulcmdbh, Sum,

	6					Minimum, Maximum
VS_ScchCodeUtil_Mean_Data	hua_lc_hsdpa_ci_tab.uuo23lpilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchCodeUtil_Mean_User	hua_lc_hsdpa_ci_tab.uuo23lnilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchCodeUtil_Mean	hua_lc_hsdpa_ci_tab.uuo23lbilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchCodeUtil_Min	hua_lc_hsdpa_ci_tab.uuo23lfilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum

6.24.3 Local_Cell.Huawei.UMTS.HSDPA_CQI

HSDPA CQI measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CQI_0	hua_lc_hsdpa_cqi_tab.uuo23mtilk2ahdh6b035xkcuc	INTEGER	#	No description.	Sum	hulcmdbh

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VS_CQI_10	hua_lc_hsdpa_cqi_tab.uuo23nhilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_11	hua_lc_hsdpa_cqi_tab.uuo23njilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_12	hua_lc_hsdpa_cqi_tab.uuo23nlilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_13	hua_lc_hsdpa_cqi_tab.uuo23nnilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_14	hua_lc_hsdpa_cqi_tab.uuo23npilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_15	hua_lc_hsdpa_cqi_tab.uuo23nrilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_16	hua_lc_hsdpa_cqi_tab.uuo23ntilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_17	hua_lc_hsdpa_cqi_tab.uuo23nvilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_18	hua_lc_hsdpa_cqi_tab.uuo23nxilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_19	hua_lc_hsdpa_cqi_tab.uuo23o0ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_1	hua_lc_hsdpa_cqi_tab.uuo23mvilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_20	hua_lc_hsdpa_cqi_tab.uuo23o2ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_21	hua_lc_hsdpa_cqi_tab.uuo23o4ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_22	hua_lc_hsdpa_cqi_tab.uuo23o6ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_23	hua_lc_hsdpa_cqi_tab.uuo23obilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_24	hua_lc_hsdpa_cqi_tab.uuo23odilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_25	hua_lc_hsdpa_cqi_tab.uuo	INTEG	#	No description.	Sum	hulcmdb

	23ofilk2ahdh6b035xkcuc6	ER				h
VS_CQI_26	hua_lc_hsdpa_cqi_tab.uuo23ohilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_27	hua_lc_hsdpa_cqi_tab.uuo23ojilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_28	hua_lc_hsdpa_cqi_tab.uuo23olilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_29	hua_lc_hsdpa_cqi_tab.uuo23onilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_2	hua_lc_hsdpa_cqi_tab.uuo23mxilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_30	hua_lc_hsdpa_cqi_tab.uuo23opilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_3	hua_lc_hsdpa_cqi_tab.uuo23n0ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_4	hua_lc_hsdpa_cqi_tab.uuo23n2ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_5	hua_lc_hsdpa_cqi_tab.uuo23n4ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_6	hua_lc_hsdpa_cqi_tab.uuo23n6ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_7	hua_lc_hsdpa_cqi_tab.uuo23nbilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_8	hua_lc_hsdpa_cqi_tab.uuo23ndilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_CQI_9	hua_lc_hsdpa_cqi_tab.uuo23nfilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh

6.24.4 Local_Cell.Huawei.UMTS.HSDPA_Data_Measurement

HSDPA data measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DataDiscardRatio_Max	hua_lc_hsdpa_data_tab.uuo23qjilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_DataDiscardRatio_Mean	hua_lc_hsdpa_data_tab.uuo23qhilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DataDiscardRatio_Min	hua_lc_hsdpa_data_tab.uuo23qlilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_Max	hua_lc_hsdpa_data_tab.uuo23philk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_Mean	hua_lc_hsdpa_data_tab.uuo23pfilk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_Min	hua_lc_hsdpa_data_tab.uuo23pjilk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_RabData	hua_lc_hsdpa_data_tab.uuo23prilk2ahdh6b035xkcuc	INTEGER	bps	No description.	Average	hulcmdbh, Sum,

	6					Minimum, Maximum
VS_DataOutput_Rab	hua_lc_hsdpa_data_tab.uuo23ppilk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_UserData	hua_lc_hsdpa_data_tab.uuo23pnilk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DataOutput_User	hua_lc_hsdpa_data_tab.uuo23plilk2ahdh6b035xkcuc6	INTEGER	bps	No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.5 Local_Cell.Huawei.UMTS.HSDPA_Measurement

Local cell HSDPA measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_64QAMCfg_ActedNum	hua_lc_hsdpa_meas_tab.xlsnygxlui2aidkrb02ofawjhk	INTEGER	#	VS 64QAMCfg ActedNum	Sum	hulcmdbh
VS_64QAMCfg_ScheduledNum	hua_lc_hsdpa_meas_tab.xlsnyh0lui2aidkrb02ofawjhk	INTEGER	#	VS 64QAMCfg ScheduledNum	Sum	hulcmdbh
VS_AckFirst	hua_lc_hsdpa_meas_tab.uuo23m2ilk2ahdh6b035xkc	INTEGER	#	No description.	Sum	hulcmdbh

	uc6					
VS_AckRemain	hua_lc_hsdpa_meas_tab.uuo23mrilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_10	hua_lc_hsdpa_meas_tab.uuo23mpilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_1	hua_lc_hsdpa_meas_tab.uuo23m4ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_2	hua_lc_hsdpa_meas_tab.uuo23m6ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_3	hua_lc_hsdpa_meas_tab.uuo23mbilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_4	hua_lc_hsdpa_meas_tab.uuo23mdilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_5	hua_lc_hsdpa_meas_tab.uuo23mfilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_6	hua_lc_hsdpa_meas_tab.uuo23mhilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_7	hua_lc_hsdpa_meas_tab.uuo23mjilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_8	hua_lc_hsdpa_meas_tab.uuo23mlilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckRetrans_9	hua_lc_hsdpa_meas_tab.uuo23mnilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_AckTotal	hua_lc_hsdpa_meas_tab.uuo23lvilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_DataTtiRati	hua_lc_hsdpa_meas_tab.u	INTEG	#	No description.	Average	hulcmdb

o_Mean	uo23otilk2ahdh6b035xkcuc6	ER				h, Sum, Minimum, Maximum
VS_DtxTotal	hua_lc_hsdpa_meas_tab.uuo23m0ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_MIMOCfg_ActedNum	hua_lc_hsdpa_meas_tab.xlsnyh2lui2aidkrb02ofawjhk	INTEGER	#	VS MIMOCfg ActedNum	Sum	hulcmdbh
VS_MIMOCfg_ScheduledNum	hua_lc_hsdpa_meas_tab.xlsnyh4lui2aidkrb02ofawjhk	INTEGER	#	VS MIMOCfg ScheduledNum	Sum	hulcmdbh
VS_NackTotal	hua_lc_hsdpa_meas_tab.uuo23lxilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_UserTtiRatio_Mean	hua_lc_hsdpa_meas_tab.uuo23orilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.6 Local_Cell.Huawei.UMTS.HSDPA_Power_Measurement

HSDPA power measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PdschPwrRatio_Data	hua_lc_hsdpa_power_tab.uuo23qfilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschPwrRa	hua_lc_hsdpa_power_tab.	INTEG	#	No description.	Constant	hulcmdb

tio_Max	uuo23q2ilk2ahdh6b035xkcuc6	ER				h, Sum, Minimum, Maximum
VS_PdschPwrRatio_Mean	hua_lc_hsdpa_power_tab.uuo23q0ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_PdschPwrRatio_Min	hua_lc_hsdpa_power_tab.uuo23q4ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum
VS_PdschPwrRatio_User	hua_lc_hsdpa_power_tab.uuo23qbilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchPwrRatio_Max	hua_lc_hsdpa_power_tab.uuo23pvilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_ScchPwrRatio_Mean	hua_lc_hsdpa_power_tab.uuo23ptilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchPwrRatio_Min	hua_lc_hsdpa_power_tab.uuo23pxilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum

VS_ScchPwrRatio_UserData	hua_lc_hsdpa_power_tab.uuo23qdilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ScchPwrRatio_User	hua_lc_hsdpa_power_tab.uuo23q6ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.7 Local_Cell.Huawei.UMTS.HSDPA_RAB

HSDPA RAB data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DataRabNum_Max	hua_lc_hsdpa_rab_tab.uuo23p4ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_DataRabNum_Mean	hua_lc_hsdpa_rab_tab.uuo23p2ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DataRabNum_Min	hua_lc_hsdpa_rab_tab.uuo23p6ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum

VS_RabNum_Max	hua_lc_hsdpa_rab_tab.uuo23oxilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_RabNum_Mean	hua_lc_hsdpa_rab_tab.uuo23ovilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_RabNum_Min	hua_lc_hsdpa_rab_tab.uuo23p0ilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Minimum	hulcmdbh, Sum, Minimum, Maximum
VS_RabNumAve_UserData	hua_lc_hsdpa_rab_tab.uuo23pdilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_RabNumAve_User	hua_lc_hsdpa_rab_tab.uuo23pbilk2ahdh6b035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.8 Local_Cell.Huawei.UMTS.HSUPA_Data_Measurement

HSUPA data measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSUPA_DataTtiNum	hua_lc_hsupa_data_tab.uh2kktliyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_Da	hua_lc_hsupa_data_tab.uh	INTEG	#	No description.	Constant	hulcmdb

taUserNum_Max	2kktniyy2ahdha0035xkcuc6	ER				h, Sum, Minimum, Maximum
VS_HSUPA_DataUserNum_Mean	hua_lc_hsupa_data_tab.uh2kktpiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_MeanBitRate_WithData	hua_lc_hsupa_data_tab.ufjtswu02x2ahsr1b035yijpvo	INTEGER	Kpbs	Average Throughput of HSUPA MAC-E; (Number of received MAC-D PDU bits) / (Sampling times of data transmission x Sampling period)	Average	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_MeanBitRate	hua_lc_hsupa_data_tab.ufjtsws02x2ahsr1b035yijpvo	INTEGER	Kpbs	Average Throughput of HSUPA MAC-E; (Number of received MAC-D PDU bits) / (Sampling times x Sampling period)	Average	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_Thruput	hua_lc_hsupa_data_tab.ufjtswq02x2ahsr1b035yijpvo	INTEGER	#	Number of received MAC-D PDU bits	Sum	hulcmdbh

6.24.9 Local_Cell.Huawei.UMTS.HSUPA_Load_Measurement

HSUPA load measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSUPA_LoadOutput_0	hua_lc_hsupa_load_tab.uh2kkttiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_10	hua_lc_hsupa_load_tab.uh2kktxiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_11	hua_lc_hsupa_load_tab.uh2kku0iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_12	hua_lc_hsupa_load_tab.uh2kku2iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_13	hua_lc_hsupa_load_tab.uh2kku4iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_14	hua_lc_hsupa_load_tab.uh2kku6iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_15	hua_lc_hsupa_load_tab.uh2kkubiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_16	hua_lc_hsupa_load_tab.uh2kkudiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_17	hua_lc_hsupa_load_tab.uh2kkufiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_18	hua_lc_hsupa_load_tab.uh2kkuhiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_19	hua_lc_hsupa_load_tab.uh2kkujiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_1	hua_lc_hsupa_load_tab.uh2kktviyy2ahdha0035xkcuc	INTEGER	#	No description.	Sum	hulcmdbh

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VS_HSUPA_LoadOutput_20	hua_lc_hsupa_load_tab.uh2kkuniyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_21	hua_lc_hsupa_load_tab.uh2kkupiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_22	hua_lc_hsupa_load_tab.uh2kkuriyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_23	hua_lc_hsupa_load_tab.uh2kkutiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_24	hua_lc_hsupa_load_tab.uh2kkuviyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_25	hua_lc_hsupa_load_tab.uh2kkuxiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_2	hua_lc_hsupa_load_tab.uh2kkuliyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_3	hua_lc_hsupa_load_tab.uh2kkv0iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_4	hua_lc_hsupa_load_tab.uh2kkv2iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_5	hua_lc_hsupa_load_tab.uh2kkv4iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_6	hua_lc_hsupa_load_tab.uh2kkv6iyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh

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VS_HSUPA_LoadOutput_7	hua_lc_hsupa_load_tab.uh2kkvbiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_8	hua_lc_hsupa_load_tab.uh2kkvdiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_LoadOutput_9	hua_lc_hsupa_load_tab.uh2kkvfiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh

6.24.10Local_Cell.Huawei.UMTS.HSUPA_Measurement

HSUPA local cell data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DLCE_Max	hua_lc_hsupa_meas_tab.uh2kkthiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010. No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_DLCE_Mean	hua_lc_hsupa_meas_tab.uh2kktjiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010. No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_OverLoadNum	hua_lc_hsupa_meas_tab.uh2kkvjiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_ScheduleUserNum_Max	hua_lc_hsupa_meas_tab.uh2kkvliyy2ahdha0035xkcuc6	INTEGER	#	No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_ScheduleUserNum_Mean	hua_lc_hsupa_meas_tab.uh2kkvniyy2ahdha0035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimu

						m, Maximum
VS_HSUPA_UnHappyUserNum	hua_lc_hsupa_meas_tab.uh2kkvpiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_HSUPA_UnHappyUserNumRatio	hua_lc_hsupa_meas_tab.uh2kkvriyy2ahdha0035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum
VS_HSUPA_UserTtiNum	hua_lc_hsupa_meas_tab.uh2kkvtiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Sum	hulcmdbh
VS_ULCE_Max	hua_lc_hsupa_meas_tab.uh2kkvviyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010. No description.	Constant	hulcmdbh, Sum, Minimum, Maximum
VS_ULCE_Mean	hua_lc_hsupa_meas_tab.uh2kkvxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010. No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.11Local_Cell.Huawei.UMTS.HSUPA_Power_Measurement

HSUPA power measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSUPA_LeftPwrLmtUserRatio	hua_lc_hsupa_power_tab.uh2kktriyy2ahdha0035xkc	INTEGER	#	No description.	Average	hulcmdbh, Sum,

	uc6					Minimum, Maximum
VS_HSUPA_MaxPwrLmtUserRatio	hua_lc_hsupa_power_tab.uh2kkvhiyy2ahdha0035xkcuc6	INTEGER	#	No description.	Average	hulcmdbh, Sum, Minimum, Maximum

6.24.12Local_Cell.Huawei.UMTS.Traffic_measurements_Locell

Traffic measurements for Local Cell

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DLCE_Max_Dedicated	hua_traffmeasurelocell_tab.ufjtswg02x2ahsr1b035yijpvo	INTEGER	#	Maximum usage of DL CEs when the RAN network is not shared	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DLCE_Max_Shared	hua_traffmeasurelocell_tab.ufjtswo02x2ahsr1b035yijpvo	INTEGER	#	Maximum usage of DL CEs when multiple operators share one RAN network	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DLCE_Mean_Dedicated	hua_traffmeasurelocell_tab.ufjtswe02x2ahsr1b035yijpvo	INTEGER	#	Average usage of DL CEs when the RAN network is not shared	Average	hulcmdbh, Sum, Minimum, Maximum
VS_DLCE_Mean_Shared	hua_traffmeasurelocell_tab.ufjtswm02x2ahsr1b035yijpvo	INTEGER	#	Average usage of DL CEs when multiple operators share one RAN	Average	hulcmdbh, Sum, Minimum, Maximu

				network		m
VS_ULCE_Max_Dedicated	hua_traffmeasurelocell_tab.ufjtswc02x2ahsr1b035yijpvo	INTEGER	#	Maximum usage of UL CEs when the RAN network is not shared	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ULCE_Max_Shared	hua_traffmeasurelocell_tab.ufjtswk02x2ahsr1b035yijpvo	INTEGER	#	Maximum usage of UL CEs when multiple operators share one RAN network	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ULCE_Mean_Dedicated	hua_traffmeasurelocell_tab.ufjtswa02x2ahsr1b035yijpvo	INTEGER	#	Average usage of UL CEs when the RAN network is not shared	Average	hulcmdbh, Sum, Minimum, Maximum
VS_ULCE_Mean_Shared	hua_traffmeasurelocell_tab.ufjtswi02x2ahsr1b035yijpvo	INTEGER	#	Average usage of UL CEs when multiple operators share one RAN network	Average	hulcmdbh, Sum, Minimum, Maximum

6.25 Logic_Port Performance Indicators

- Logic_Port.Huawei.UMTS.LGCPORT_Queue_Traffic
- Logic_Port.Huawei.UMTS.LGCPORT_Traffic

6.25.1 Logic_Port.Huawei.UMTS.LGCPORT_Queue_Traffic

Queued traffic on the LOGIC_PORT

KPI Name	Expression	Data Type	Units	Description	Default Aggrega	Other Aggrega

					tor	tors
VS_LGCPRT_QUEUE_MEAN_TX	hua_lgcportqueue_tab.suihnljurp2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Mean transmission rate from the LOGIC_PORT_QUEUE	Average	Sum, Minimum, Maximum
VS_LGCPRT_QUEUE_PEAK_TXRATE	hua_lgcportqueue_tab.suihnlhurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak transmission rate from the LOGIC_PORT_QUEUE	Average	Sum, Minimum, Maximum
VS_LGCPRT_QUEUE_TXBYTES	hua_lgcportqueue_tab.suihnlburp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes from the LOGIC_PORT_QUEUE	Sum	
VS_LGCPRT_QUEUE_TXDROPBYTES	hua_lgcportqueue_tab.suihnlfurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes in transmission from the LOGIC_PORT_QUEUE	Sum	
VS_LGCPRT_QUEUE_TXDROPPACKETS	hua_lgcportqueue_tab.suihnldurp2ahrhr0035xvpkr0	INTEGER	packets	Number of discarded packets in transmission from the LOGIC_PORT_QUEUE	Sum	
VS_LGCPRT_QUEUE_TXPACKETS	hua_lgcportqueue_tab.suihnl6urp2ahrhr0035xvpkr0	INTEGER	packets	Number of transmitted packets from the LOGIC_PORT_QUEUE	Sum	

6.25.2 Logic_Port.Huawei.UMTS.LGCPORT_Traffic

Traffic on the LOGIC_PORT

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_LGCPRT_Alloced_Ave_Bwd	hua_lgcport_traffic_tab.xlsnybtlui2aidkrb02ofawjhk	FLOAT	bps	Mean backward bandwidth assigned to the logic port	Average	Sum, Minimum, Maximum
VS_LGCPRT_Alloced_Ave_Fwd	hua_lgcport_traffic_tab.xlsnybrlui2aidkrb02ofawjhk	FLOAT	bps	Mean forward bandwidth assigned to the logic port	Average	Sum, Minimum, Maximum
VS_LGCPRT_Alloced_Max_Bwd	hua_lgcport_traffic_tab.xlsnybhlui2aidkrb02ofawjhk	FLOAT	bps	Maximum backward bandwidth assigned to the logic port	Average	Sum, Minimum, Maximum
VS_LGCPRT_Alloced_Max_Fwd	hua_lgcport_traffic_tab.xlsnybflui2aidkrb02ofawjhk	FLOAT	bps	Maximum forward bandwidth assigned to the logic port	Average	Sum, Minimum, Maximum
VS_LGCPRT_Bwd_Cong_Dur	hua_lgcport_traffic_tab.xlsnybplui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on the logic port	Sum	
VS_LGCPRT_Bwd_Cong	hua_lgcport_traffic_tab.xlsnybnlui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on the logic port	Sum	
VS_LGCPRT_Fwd_Cong_Dur	hua_lgcport_traffic_tab.xlsnybllui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on the logic port	Sum	
VS_LGCPRT_Fwd_Cong	hua_lgcport_traffic_tab.xlsnybjlui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on the logic port	Sum	
VS_LGCPRT_MEAN_TX	hua_lgcport_traffic_tab.suihnl4urp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean transmission rate of the	Average	Sum, Minimum,

				LOGIC_PORT		Maximum
VS_LGCPRT_PEAK_TXRATE	hua_lgcport_traffic_tab.suihnl2urp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak transmission rate of the LOGIC_PORT	Average	Sum, Minimum, Maximum
VS_LGCPRT_TXBYTES	hua_lgcport_traffic_tab.suihnkvurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes from the LOGIC_PORT	Sum	
VS_LGCPRT_TXDROPBYTES	hua_lgcport_traffic_tab.suihnl0urp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes in transmission from the LOGIC_PORT	Sum	
VS_LGCPRT_TXDROPPACKETS	hua_lgcport_traffic_tab.suihnkxurp2ahrhr0035xvpkr0	INTEGER	packets	Number of discarded packets in transmission from the LOGIC_PORT	Sum	
VS_LGCPRT_TXPACKETS	hua_lgcport_traffic_tab.suihnkturp2ahrhr0035xvpkr0	INTEGER	packets	Number of transmitted packets from the LOGIC_PORT	Sum	

6.26 M3UA_Dest Performance Indicators

- M3UA_Dest.Huawei.UMTS.Destination_Entity

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

6.26.1 M3UA_Dest.Huawei.UMTS.Destination_Entity

M3UA destination availability

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_M3UA_DE_Unavail_Dur	hua_m3uade_tab.yearq52upw2ahrhr0035xvpkr0	INTEGER	#	Duration of M3UA destination entity unavailability	Average	Sum, Minimum, Maximum
OS_M3UA_DE_Unavail	hua_m3uade_tab.yearq50upw2ahrhr0035xvpkr0	INTEGER	#	Number of times M3UA destination entity is unavailable	Sum	

6.27 M3UA_Link Performance Indicators

- M3UA_Link.Huawei.UMTS.M3UA_SignallingLink

6.27.1 M3UA_Link.Huawei.UMTS.M3UA_SignallingLink

M3UA Link utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_M3UA_Lnk_ASPM_Rx_Msg	hua_m3ua_signallinglink_tab.yearq5nupw2ahrhr0035xvpkr0	INTEGER	packets	Number of ASPM messages received by M3UA link	Sum	
OS_M3UA_Lnk_ASPM_Tx_Msg	hua_m3ua_signallinglink_tab.yearq5lupw2ahrhr0035xvpkr0	INTEGER	packets	Number of ASPM messages transmitted by M3UA link	Sum	
OS_M3UA_Lnk_Cong_Dur	hua_m3ua_signallinglink_tab.yearq5fupw2ahrhr003	INTEGER	seconds	Duration of M3UA link	Average	Sum, Minimu

	5xvpkr0			congestion		m, Maximum
OS_M3UA_Link_Fail_Dur	hua_m3ua_signallinglink_tab.yearq5dupw2ahrhr0035xvpkr0	INTEGER	seconds	Duration of M3UA link unavailability	Average	Sum, Minimum, Maximum
OS_M3UA_Link_Fail	hua_m3ua_signallinglink_tab.yearq5bupw2ahrhr0035xvpkr0	INTEGER	#	Number of times M3UA link is unavailable	Sum	
OS_M3UA_Link_Rx_Msg	hua_m3ua_signallinglink_tab.yearq5jupw2ahrhr0035xvpkr0	INTEGER	packets	Number of MSU messages received by M3UA link	Sum	
OS_M3UA_Link_Tx_Msg	hua_m3ua_signallinglink_tab.yearq5hupw2ahrhr0035xvpkr0	INTEGER	packets	Number of MSU messages transmitted by M3UA link	Sum	

6.28 M3UA_LinkSet Performance Indicators

- M3UA_LinkSet.Huawei.UMTS.M3UA_SignallingLinkSet

6.28.1 M3UA_LinkSet.Huawei.UMTS.M3UA_SignallingLinkSet

M3UA Linkset availability

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_M3UA_Lnkset_Unavail_Dur	hua_m3uasls_tab.yearq56upw2ahrhr0035xvpkr0	INTEGER	seconds	Duration of M3UA link set unavailability	Average	Sum, Minimum, Maximum

OS_M3UA_Linkset_Unavail	hua_m3uasls_tab.yearq54upw2ahrhr0035xvpkr0	INTEGER	#	Number of times M3UA link set is unavailable	Sum	

6.29 MLPPP Performance Indicators

- MLPPP.Huawei.UMTS.MLPPP_QUEUE
- MLPPP.Huawei.UMTS.MLPPP

6.29.1 MLPPP.Huawei.UMTS.MLPPP_QUEUE

MLPPP queue

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MLPPP_QUEUE_MEAN_TX	hua_mlppp_queue_tab.suihnhrurp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean transmission rate from the MLPP QUEUE	Average	Sum, Minimum, Maximum
VS_MLPPP_QUEUE_PEAK_TXRATE	hua_mlppp_queue_tab.suihnhpurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmission rate from the MLPP QUEUE	Average	Sum, Minimum, Maximum
VS_MLPPP_QUEUE_TXBYTES	hua_mlppp_queue_tab.suihnhjurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes from the MLPP QUEUE	Sum	
VS_MLPPP_QUEUE_TXDROPBYTES	hua_mlppp_queue_tab.suihnhnurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes from the MLPP QUEUE	Sum	
VS_MLPPP_QUEUE_TXDROPPACKETS	hua_mlppp_queue_tab.suihnhlurp2ahrhr0035xvpkr0	INTEGER	packets	Number of discarded packets from the MLPP	Sum	

				QUEUE		
VS_MLPPP_QUEUE_TXPACKETS	hua_mlppp_queue_tab.suihnhhurp2ahrhr0035xvpkr0	INTEGER	packets	Number of transmitted packets from the MLPP QUEUE	Sum	

6.29.2 MLPPP.Huawei.UMTS.MLPPP

MLPPP data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_MLPPP_BYTES	({VS_MLPPP_BYTESRXTOTAL} + {VS_MLPPP_BYTESTXTOTAL})	INT8	bytes	Number of bytes sent and received by a MLPPP link in a measurement period.	Sum	
VS_MLPPP_Alloced_Ave_Bwd	hua_mlppp_mlppp_tab.xlsnyaflui2aidkrb02ofawjhk	FLOAT	bps	Mean backward bandwidth assigned to an MLPPP link	Average	Sum, Minimum, Maximum
VS_MLPPP_Alloced_Ave_Fwd	hua_mlppp_mlppp_tab.xlsnyadlui2aidkrb02ofawjhk	FLOAT	bps	Mean forward bandwidth assigned to an MLPPP link	Average	Sum, Minimum, Maximum
VS_MLPPP_Alloced_Max_Bwd	hua_mlppp_mlppp_tab.xlsnya0lui2aidkrb02ofawjhk	FLOAT	bps	Peak backward bandwidth assigned to an MLPPP	Average	Sum, Minimum, Maximum

				link		
VS_MLPPP_Alloced_Max_Fwd	hua_mlppp_mlppp_tab.xlsny6xlui2aidkrb02ofawjhk	FLOAT	bps	Peak forward bandwidth assigned to an MLPPP link	Average	Sum, Minimum, Maximum
VS_MLPPP_Bwd_Cong_Dur	hua_mlppp_mlppp_tab.xlsnyablui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on an MLPPP link	Sum	
VS_MLPPP_Bwd_Cong	hua_mlppp_mlppp_tab.xlsnya6lui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on an MLPPP link	Sum	
VS_MLPPP_BYTESRXTOTAL	hua_mlppp_mlppp_tab.tgnkus2sen2ahrhqj035xvpkr0	INT8	bytes	Number of bytes received by a MLPPP link in a measurement period.	Sum	
VS_MLPPP_BYTESTXTOTAL	hua_mlppp_mlppp_tab.tgnkus4sen2ahrhqj035xvpkr0	INT8	bytes	Number of bytes sent by a MLPPP link in a measurement period.	Sum	
VS_MLPPP_FAULTCLEAR	hua_mlppp_mlppp_tab.suihnh2urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults are cleared in MLPPP	Sum	
VS_MLPPP_FAULTEMIT	hua_mlppp_mlppp_tab.suihnh0urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Numb	Sum	

				er of times faults occur in MLPPP		
VS_MLPPP_FAULTTIME	hua_mlppp_mlppp_tab.suihnh4urp2ahrhr0035xvpkr0	INTEGER	seconds	Duration of fault of MLPPP	Sum	
VS_MLPPP_Fwd_Cong_Dur	hua_mlppp_mlppp_tab.xlsnya4lui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on an MLPPP link	Sum	
VS_MLPPP_Fwd_Cong	hua_mlppp_mlppp_tab.xlsnya2lui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on an MLPPP link	Sum	
VS_MLPPP_MeanThroughputKbps_Rx	hua_mlppp_mlppp_tab.ub2wh5hiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of a MLPPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_MLPPP_MeanThroughputKbps_Tx	hua_mlppp_mlppp_tab.ub2wh5jiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of a MLPPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_MLPPP_PktUnexpectedRx	hua_mlppp_mlppp_tab.ub2wh5liyy2ahdha0035xkcu	INTEGER	#	Obsolete from	Sum	

	c6			UTRAN/V900R011:Tx lost Number of package received by a MLPPP link in a measurement period (5s).		
VS_MLPPP_RX_BYTES	hua_mlppp_mlppp_tab.ub2wh5niyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by a MLPPP link in a measurement period.	Sum	
VS_MLPPP_RXERRORPKTS	hua_mlppp_mlppp_tab.suihngxurp2ahrhr0035xvpkr0	INTEGER	#	Number of error Rx packets on MLPPP	Sum	
VS_MLPPP_RXMAXSPEED	hua_mlppp_mlppp_tab.suihnhdurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of MLPPP	Average	Sum, Minimum, Maximum
VS_MLPPP_RXMEANSPEED	hua_mlppp_mlppp_tab.tgnkutlsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a MLPPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_MLPPP_RXMINSPEED	hua_mlppp_mlppp_tab.suihnhfurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of MLPPP	Average	Sum, Minimum, Maximum
VS_MLPPP_RXPACKETS	hua_mlppp_mlppp_tab.suihngvurp2ahrhr0035xvpkr	INTEGER	#	Number of packets	Sum	

	0			received by MLPPP		
VS_MLPPP_TX_BYTES	hua_mlppp_mlppp_tab.ub2wh5piyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes sent by a MLPPP link in a measurement period.	Sum	
VS_MLPPP_TXDROPPEDPKTS	hua_mlppp_mlppp_tab.tgnkusfsen2ahrhqj035xvpkr0	INTEGER	#	Tx lost Number of package received by a MLPPP link in a measurement period (5s).	Sum	
VS_MLPPP_TXMAXSPEED	hua_mlppp_mlppp_tab.suihnh6urp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of MLPPP	Average	Sum, Minimum, Maximum
VS_MLPPP_TXMEANSPEED	hua_mlppp_mlppp_tab.tgnkutnsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a MLPPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_MLPPP_TXMINSPEED	hua_mlppp_mlppp_tab.suihnhburp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of MLPPP	Average	Sum, Minimum, Maximum
VS_MLPPP_TXP	hua_mlppp_mlppp_tab.sui	INTEG	#	Number of	Sum	

ACKETS	hngturp2ahrhr0035xvpkr0	ER		packets transmitted by MLPPP		

6.30 MTP3_Link Performance Indicators

- MTP3_Link.Huawei.UMTS.MTP3_Link_Measurement

6.30.1 MTP3_Link.Huawei.UMTS.MTP3_Link_Measurement

MTP3 Link Measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3_Lnk_Cho	hua_mtp3link_tab.xlsnyf6lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of changeovers from one MTP3 link to other MTP3 links for some reason.	Sum	
OS_MTP3_Lnk_Cong_Dur	hua_mtp3link_tab.xlsnyevlui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the duration of MTP3 link congestion.	Sum	
OS_MTP3_Lnk_ConG	hua_mtp3link_tab.xlsnyfflui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of MTP3 link congestions.	Sum	
OS_MTP3_Lnk_Discard_Msg_Cong	hua_mtp3link_tab.xlsnyfllui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of messages	Sum	

				discarded due to MTP3 link congestion.		
OS_MTP3_Lnk_Discard_Msg_RouteFail	hua_mtp3link_tab.xlsnyfplui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of messages discarded on the MTP3 link due to route fail.	Sum	
OS_MTP3_Lnk_Fail_Dur	hua_mtp3link_tab.xlsnyetlui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the duration of the out-of-service MTP3 link.	Sum	
OS_MTP3_Lnk_Fail	hua_mtp3link_tab.xlsnyerlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the total number of MTP3 link failures for reasons such as MTP3 transition from available state to unavailable state and link test failure.	Sum	
OS_MTP3_Lnk_LocalInh_Dur	hua_mtp3link_tab.xlsnyf0lui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the duration when the MTP3 link	Sum	

				stays locally inhibited after being inhibited at the local end.		
OS_MTP3_Lnk_LocalInhibit	hua_mtp3link_tab.xlsnyexlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of inhibitions on the MTP3 link at the local end.	Sum	
OS_MTP3_Lnk_RmtInhibit_Dur	hua_mtp3link_tab.xlsnyf4lui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the duration of the MTP3 link in inhibited state after it is successfully inhibited by the remote signaling point.	Sum	
OS_MTP3_Lnk_RmtInhibit	hua_mtp3link_tab.xlsnyf2lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of inhibitions on the MTP3 link at the remote signaling point.	Sum	
OS_MTP3_Lnk_Rpo_Dur	hua_mtp3link_tab.rpwvgwp34h2aispab035y0hf3v	INT8	#	Duration of MTP3 Link Remote Processor Fault	Sum	
OS_MTP3_Lnk_Rpos	hua_mtp3link_tab.rpwvgwn34h2aispab035y0hf3v	INT8	#	Number of MTP3 Link Remote Processor Failures	Sum	
OS_MTP3_Lnk_Rx_Msg	hua_mtp3link_tab.xlsnyfdlui2aidkrb02ofawjhk	INT8	packets	Number of message signaling units	Sum	

				(MSU) received on the MTP3 link.		
OS_MTP3_Lnk_Rx_TFC	hua_mtp3link_tab.xlsnyfrlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of transfer-controlled signals received on the MTP3 link.	Sum	
OS_MTP3_Lnk_Rx_TFP	hua_mtp3link_tab.xlsnyfnlui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of transfer-prohibited signals received on the MTP3 link.	Sum	
OS_MTP3_Lnk_Service_Dur	hua_mtp3link_tab.xlsnyeplui2aidkrb02ofawjhk	INTEGER	seconds	This measurement item provides the service duration of the MTP3 link.	Sum	
OS_MTP3_Lnk_SIO_SIF_Rx	hua_mtp3link_tab.xlsnyfjlui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the number of MSU bytes received by the MTP3 link. The bytes include signaling information field (SIF) and service	Sum	

				information octet (SIO). SIF includes upper layer signaling content and routing label. SIO includes network indicator and service indicator.		
OS_MTP3_Lnk_SIO_SIF_Tx	hua_mtp3link_tab.xlsnyfhlui2aidkrb02ofawjhk	INT8	bytes	This measurement item provides the number of MSU bytes sent by the MTP3 link. The bytes include signaling information field (SIF) and service information octet (SIO). The SIF includes upper layer signaling content and routing label. The SIO includes network indicator and service indicator.	Sum	
OS_MTP3_Lnk_Tx_Msg	hua_mtp3link_tab.xlsnyfblui2aidkrb02ofawjhk	INT8	packets	This measurement item provides the number of message signaling units (MSUs) sent by the MTP3 Link.	Sum	

6.31 MTP3_LinkPoint Performance Indicators

- MTP3_LinkPoint.Huawei.UMTS.MTP3_DSP_Measurement

6.31.1 MTP3_LinkPoint.Huawei.UMTS.MTP3_DSP_Measurement

MTP3 DSP Measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3_DSP_Unavail_Dur	hua_mtp3dsp_tab.xlsnyenlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of MTP3 DSP in Inaccessible State	Sum	
OS_MTP3_DSP_Unavail	hua_mtp3dsp_tab.xlsnyellui2aidkrb02ofawjhk	INTEGER	#	Number of MTP3 DSP Changes to Inaccessible State	Sum	

6.32 MTP3_LinkSet Performance Indicators

- MTP3_LinkSet.Huawei.UMTS.MTP3_LinkSet_Measurement

6.32.1 MTP3_LinkSet.Huawei.UMTS.MTP3_LinkSet_Measurement

MTP3 LinkSet Measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3_Lnkset_Unavail_Dur	hua_mtp3linkset_tab.xlsnyfvlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of MTP3 Link Set in Unavailable State	Sum	
OS_MTP3_Lnkset_Unavail	hua_mtp3linkset_tab.xlsnyftlui2aidkrb02ofawjhk	INTEGER	#	Number of MTP3 Link Set	Sum	

				Failures		

6.33 MTP3B_Link Performance Indicators

- MTP3B_Link.Huawei.UMTS.MTP3B_Link_Measurement

6.33.1 MTP3B_Link.Huawei.UMTS.MTP3B_Link_Measurement

MTP3B Link traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_Link_Cho	hua_mtp3blink_tab.ykayvyvupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of MTP3B link changeovers	Sum	
OS_MTP3B_Link_Cong_Dur	hua_mtp3blink_tab.ykayvylupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of MTP3B link congestion	Average	Sum, Minimum, Maximum
OS_MTP3B_Link_ConG	hua_mtp3blink_tab.ykayw02upw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of MTP3B link congestions	Sum	
OS_MTP3B_Link_Disc_Msg_RouteFail	hua_mtp3blink_tab.xlsny14lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:This measurement item provides the number of messages discarded on the MTP3B link due to route fail.	Sum	
OS_MTP3B_Link_Discard_M	hua_mtp3blink_tab.xlsny10lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900	Sum	

sg_Cong				R011:This measurement item provides the number of messages discarded due to MTP3B link congestion.		
OS_MTP3B_Lnk_Fail_Dur	hua_mtp3blink_tab.ykayvyjupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of out-of-service MTP3B link	Average	Sum, Minimum, Maximum
OS_MTP3B_Lnk_Fail	hua_mtp3blink_tab.ykayvyhupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of MTP3B link failures	Sum	
OS_MTP3B_Lnk_LocalInh_Dur	hua_mtp3blink_tab.ykayvypupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of local inhibition on MTP3B link	Average	Sum, Minimum, Maximum
OS_MTP3B_Lnk_LocalInhibit	hua_mtp3blink_tab.ykayvynupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of local inhibitions on MTP3B link	Sum	
OS_MTP3B_Lnk_RmtInhibit_Dur	hua_mtp3blink_tab.ykayvytupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of remote inhibition on MTP3B link	Average	Sum, Minimum, Maximum
OS_MTP3B_L	hua_mtp3blink_tab.ykayv	INTEG	#	Obsolete from	Sum	

nk_RmtInhibit	yrupw2ahrhr0035xvpkr0	ER		UTRAN/V900 R011:Number of remote inhibitions on MTP3B link		
OS_MTP3B_Lnk_Rx_Msg	hua_mtp3blink_tab.ykayw00upw2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900 R011:Number of MSUs received by MTP3B link	Sum	
OS_MTP3B_Lnk_Rx_TFC	hua_mtp3blink_tab.xlsny16lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:This measurement item provides the number of transfer-controlled signals received on the MTP3B link.	Sum	
OS_MTP3B_Lnk_Rx_TFP	hua_mtp3blink_tab.xlsny12lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:This measurement item provides the number of transfer-prohibited signals received on the MTP3B link.	Sum	
OS_MTP3B_Lnk_Service_Dur	hua_mtp3blink_tab.ykayvyfupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Service Duration of MTP3B link	Average	Sum, Minimum, Maximum
OS_MTP3B_Lnk_SIO_SIF_Rx	hua_mtp3blink_tab.ykayw06upw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of MSU bytes received by	Sum	

				MTP3B link		
OS_MTP3B_Lnk_SIO_SIF_Tx	hua_mtp3blink_tab.ykayw04upw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of MSU bytes sent by MTP3B link	Sum	
OS_MTP3B_Lnk_Tx_Msg	hua_mtp3blink_tab.ykayvyxupw2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900 R011:Number of messages sent by MTP3B link	Sum	
Total_OS_MTP3B_Lnk_SIO_SIF	{OS_MTP3B_Lnk_SIO_SIF_Rx} + {OS_MTP3B_Lnk_SIO_SIF_Tx}	INTEGER	#	Total number of octets of messages sent and received	Sum	

6.34 MTP3B_LinkSet Performance Indicators

- MTP3B_LinkSet.Huawei.UMTS.MTP3B_LinkSet_Measurement

6.34.1 MTP3B_LinkSet.Huawei.UMTS.MTP3B_LinkSet_Measurement

MTP3B Linkset availability and failures

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_Lnkset_Unavail_Dur	hua_mtp3blinkset_tab.ykayw0dupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of MTP3B link set in unavailable state	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
OS_MTP3B_	hua_mtp3blinkset_tab.yka	INTEG	#	Obsolete from	Sum	hubcslbh,

Lnkset_Unavail	yw2xupw2ahrhr0035xvpkr0	ER		UTRAN/V900 R011:Number of MTP3B link set failures. The MTP3B link set fails when it shifts from available state to the unavailable state		hubhsdpabh

6.35 MTP3B_Point Performance Indicators

- MTP3B_Point.Huawei.UMTS.MTP3B_DSP_Measurement

6.35.1 MTP3B_Point.Huawei.UMTS.MTP3B_DSP_Measurement

MTP3B accessible state

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_DSP_Unavail_Dur	hua_mtp3bdsp_tab.ykayvydupw2ahrhr0035xvpkr0	INTEGER	seconds	Obsolete from UTRAN/V900 R011:Duration of MTP3B DSP in inaccessible state	Average	hubcslbh, hubhsdpabh, Sum, Minimum, Maximum
OS_MTP3B_DSP_Unavail	hua_mtp3bdsp_tab.ykayvybupw2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of MTP3B DSP changes to inaccessible state	Sum	hubcslbh, hubhsdpabh

6.36 Neighbour Performance Indicators

- Neighbour.Huawei.UMTS.Handover_3G_3G_per_Neighbour
- Neighbour.Huawei.UMTS.InterRAT_HO_per_Neighbour

6.36.1 Neighbour.Huawei.UMTS.Handover_3G_3G_per_Neighbour

3G to 3G Handover data per Neighbour

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_SuccOutInterCell_N	100 * {VS_HHO_SuccOutInterCell_N}/ {VS_HHO_AttOutInterCell_N}	FLOAT	%	Percentage successful hard handovers between neighboring cells.	Average	hucasebh, huctbh
_%_VS_HSDPA_HHO_NoChR_Succ_N	100 * {VS_HSDPA_HHO_NoChR_Succ_N}/ {VS_HSDPA_HHO_NoChR_Att_N}	FLOAT	%	Percentage successful hard handovers from HS-DSCH to HS-DSCH between cells.	Average	hucasebh, huctbh
_%_VS_HSDPA_ServCellChg_Succ_N	100 * {VS_HSDPA_ServCellChg_Succ_N}/ {VS_HSDPA_ServCellChg_Att_N}	FLOAT	%	Percentage successful changes of HS-DSCH serving cells.	Average	hucasebh, huctbh
_%_VS_SHO_AddRLSucc_NCell	100 * {VS_SHO_AddRLSucc_NCell}/ {VS_SHO_AddRLAtt_NCell}	FLOAT	%	Percentage successful RL additions in the soft handover between neighboring cells.	Average	hucasebh, huctbh
_%_VS_SHO_DelRLSucc_NCell	100 * {VS_SHO_DelRLSucc_NCell}/	FLOAT	%	Percentage successful RL deletions in	Average	hucasebh, huctbh

	{VS_SHO_DelRLAtt_NCell}			the soft handover between neighboring cells.		
_%_VS_SHO_ReplaceRLSucc_NCell	100 * {VS_SHO_ReplaceRLSucc_NCell}/ {VS_SHO_ReplaceRLAtt_NCell}	FLOAT	%	Percentage successful RL replacements in soft handover between neighboring cells.	Average	hucasebh, huctbh
_%_VS_SHO_SuccASU_N	100 * {VS_SHO_SuccASU_N}/ {VS_SHO_AttASU_N}	FLOAT	%	Percentage successful soft handovers between neighboring cells	Average	hucasebh, huctbh
VS_HHO_AttOutInterCell_N	hua_neigh_ho3gpneigh_tab.ulq0gnkrmpb6btmthtrbmn3kxx	INTEGER	#	Number of attempted hard handovers between neighboring cells.	Sum	hucasebh, huctbh
VS_HHO_FailOutInterCellNRlyN	hua_neigh_ho3gpneigh_tab.vhar3okocqcmedwbk5ux2vfxg5	INTEGER	#	This item provides the number of unsuccessful hard handovers between neighboring cells due to no response from UE.	Sum	hucasebh, huctbh
VS_HHO_SuccOutInterCell_N	hua_neigh_ho3gpneigh_tab.sveww3hbylcvls5bom0rlr2jy3	INTEGER	#	Number of successful hard handovers between	Sum	hucasebh, huctbh

				neighboring cells.		
VS_HSDPA_HHO_NoChR_Att_N	hua_neigh_ho3gpneigh_tab.rs4pvx42l1b2yu11a25hfq5mub	INTEGER	#	Number of hard handover attempts from HS-DSCH to HS-DSCH between cells.	Sum	hucasebh, huctbh
VS_HSDPA_HHO_NoChR_Succ_N	hua_neigh_ho3gpneigh_tab.y2ml40hdhdcatc64i1b0wtx4hv	INTEGER	#	Number of successful hard handovers from HS-DSCH to HS-DSCH between cells.	Sum	hucasebh, huctbh
VS_HSDPA_ServCellChg_Att_N	hua_neigh_ho3gpneigh_tab.xs0j52xb3dbtcbodkklbtwaixe	INTEGER	#	Number of attempts to change HS-DSCH serving cells.	Sum	hucasebh, huctbh
VS_HSDPA_ServCellChg_Succ_N	hua_neigh_ho3gpneigh_tab.rmhuj2kvygcsqexj0wdjtgkam3	INTEGER	#	Number of successful changes of HS-DSCH serving cells.	Sum	hucasebh, huctbh
VS_SHO_AddRLAtt_NCell	hua_neigh_ho3gpneigh_tab.x5kpbpels4c2psrftcm3np5tmy	INTEGER	#	Number of attempted RL additions in the soft handover between neighboring cells.	Sum	hucasebh, huctbh
VS_SHO_AddRLSucc_NCell	hua_neigh_ho3gpneigh_tab.wra0cld23uclbtjsnf3hpxsmyd	INTEGER	#	Number of successful RL additions in	Sum	hucasebh, huctbh

				the soft handover between neighboring cells.		
VS_SHO_AttASU_N	hua_neigh_ho3gpneigh_tab.s0k2wmb5oecdaskje1a0gep1r2	INTEGER	#	This item provides the number of soft handover attempts between neighboring cells.	Sum	hucasebh, huctbh
VS_SHO_DelRLAtt_NCell	hua_neigh_ho3gpneigh_tab.snkrfn6gkjbvwr1aaem5n0wbt3	INTEGER	#	Number of attempted RL deletions in the soft handover between neighboring cells.	Sum	hucasebh, huctbh
VS_SHO_DelRLSucc_NCell	hua_neigh_ho3gpneigh_tab.rqx4hfuhspcavuhckp0vkjdrpn	INTEGER	#	Number of successful RL deletions in the soft handover between neighboring cells.	Sum	hucasebh, huctbh
VS_SHO_FailASU_NRply_N	hua_neigh_ho3gpneigh_tab.va1a4u6yvcb6wrpkoash50eqej	INTEGER	#	This item provides the number of unsuccessful soft handovers between neighboring cells due to no response from UE.	Sum	hucasebh, huctbh
VS_SHO_ReplaceRLAtt_NCell	hua_neigh_ho3gpneigh_tab.yb2rb0w1pvbjkd2anvmvogpn4w	INTEGER	#	Number of attempted RL replacements	Sum	hucasebh, huctbh

				in soft handover between neighboring cells.		
VS_SHO_ReplaceRLSucc_NCell	hua_neigh_ho3gpneigh_tab.r2khdkeh1gcg4c1ccq0y2xvkk3	INTEGER	#	Number of successful RL replacements in soft handover between neighboring cells.	Sum	hucasebh, huctbh
VS_SHO_SuccASU_N	hua_neigh_ho3gpneigh_tab.sghmylq53rcvrbeab0qp3itfho	INTEGER	#	This item provides the number of successful soft handovers between neighboring cells	Sum	hucasebh, huctbh

6.36.2 Neighbour.Huawei.UMTS.InterRAT_HO_per_Neighbour

InterRAT Handover data per Neighbour

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_IRATHO_SuccOutCS_N	100 * {VS_IRATHO_SuccOutCS_N}/ {VS_IRATHO_AttOutCS_N}	FLOAT	%	Percentage successful CS inter-RAT outgoing handovers between neighboring cells.	Average	hucasebh, huctbh
_	100 *	FLOAT	%	Percentage	Average	hucasebh

%_VS_IRATHO_SuccOutPSUTRAN_N	{VS_IRATHO_SuccOutPSUTRAN_N}/{VS_IRATHO_AttOutPSUTRAN_N}			successful PS inter-RAT outgoing handovers between neighboring cells.		, huctbh
VS_IRATHO_AttOutCS_N	hua_neigh_intr_hopneigh_tab.sstrrnsfghcl3tkkj0nyoialeg	INTEGER	#	Number of attempted CS inter-RAT outgoing (from UTRAN) handovers between neighboring cells.	Sum	hucasebh, huctbh
VS_IRATHO_AttOutPSUTRAN_N	hua_neigh_intr_hopneigh_tab.vkvqrjd02ucqeubwsbnx221tsx	INTEGER	#	Number of attempted PS inter-RAT outgoing handovers between neighboring cells.	Sum	hucasebh, huctbh
VS_IRATHO_FailOutCS_UEF_N	hua_neigh_intr_hopneigh_tab.xaygouhahk26sdgmb00hw05bpa	INTEGER	#	No description	Sum	hucasebh, huctbh
VS_IRATHO_FaiOutPSUTRAN_UEFN	hua_neigh_intr_hopneigh_tab.xatfbhxahk26sdgmb00hw05bpa	INTEGER	#	No description	Sum	hucasebh, huctbh
VS_IRATHO_SuccOutCS_N	hua_neigh_intr_hopneigh_tab.vd1faq2xmecimtneb1el1mwivq	INTEGER	#	Number of successful CS inter-RAT outgoing handovers between neighboring cells.	Sum	hucasebh, huctbh
VS_IRATHO_SuccOutPSUTRAN_N	hua_neigh_intr_hopneigh_tab.xavgjlky5lbrsd1xnpr3mc3kkf	INTEGER	#	Number of successful PS inter-RAT	Sum	hucasebh, huctbh

				outgoing handovers between neighboring cells.		

6.37 NodeB Performance Indicators

- NodeB.Huawei.UMTS.Credit_Usage_aggregated_from_cell
- NodeB.Huawei.UMTS.Credit_Usage_LicenseGroup
- NodeB.Huawei.UMTS.Credit_Usage_Shared
- NodeB.Huawei.UMTS.HSDPA_aggregated_from_cell
- NodeB.Huawei.UMTS.HSUPA_aggregated_from_cell
- NodeB.Huawei.UMTS.IUB_Bandwidth
- NodeB.Huawei.UMTS.Iub_Congestion
- NodeB.Huawei.UMTS.IUB_NodeB
- NodeB.Huawei.UMTS.NodeB_Availability
- NodeB.Huawei.UMTS.Traffic_CS_aggregated_from_cell
- NodeB.Huawei.UMTS.Traffic_PS_aggregated_from_cell

6.37.1 NodeB.Huawei.UMTS.Credit_Usage_aggregated_from_cell

Credit Usage data aggregated from cell level.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LC_DLCreditUsed_CELL_Max	hua_nbcrusg_aggfrcell_tab.yrjbuvqusicjgdvy006o6whq2x	INTEGER	#	Max DL Credit Usage (Cell)	Sum	hundlcbh, hunulcbh
VS_LC_DLCreditUsed_CELL_Min	hua_nbcrusg_aggfrcell_tab.rs3flyjxx5c30ux42hx03dsfo3	INTEGER	#	Min DL Credit Usage (Cell)	Sum	hundlcbh, hunulcbh
VS_LC_DLCreditUsed_CELL	hua_nbcrusg_aggfrcell_tab.spfdeqdnunco2rfi6g5lnvvxcr	FLOAT	#	Average DL Credit Usage (Cell)	Average	hundlcbh, hunulcbh, Sum, Minimu

						m, Maximum
VS_LC_ULCreditUsed_CELL_Max	hua_nbcrusg_aggfrcell_tab.tqyxfqilp3b2kb3k1kt3lgt6sk	INTEGER	#	Max UL Credit Usage (Cell)	Sum	hundlcbh, hunulcbh
VS_LC_ULCreditUsed_CELL_Min	hua_nbcrusg_aggfrcell_tab.sjfly5qx02ccfbsm3uxmhxycmf	INTEGER	#	Min UL Credit Usage (Cell)	Sum	hundlcbh, hunulcbh
VS_LC_ULCreditUsed_CELL	hua_nbcrusg_aggfrcell_tab.xqbvbqbgacbh6dccy6vjdaldbg	FLOAT	#	Average UL Credit Usage (Cell)	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum

6.37.2 NodeB.Huawei.UMTS.Credit_Usage_LicenseGroup

Credit usage per license group. When the RAN is shared by multiple operators, each license group corresponds to one operator.

The performance data measurements for this KPI group are recorded against the combination of NodeB and CNOPERATOR (cnoperator_id)

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LC_DLCreditAvailable_LicenseGroup_Dedicated	hua_ce_licensegroup_tab.ys0y0odsw62ahrhqr035xvpkr0	FLOAT	#	Number of the DL CEs in each license group.	Average	Sum, Minimum, Maximum
VS_LC_DLMax_LicenseGroup	hua_ce_licensegroup_tab.ys0y0obsw62ahrhqr035xvpkr0	FLOAT	#	Maximum usage of DL CEs of the license group.	Average	Sum, Minimum, Maximum
VS_LC_DLMean_LicenseGroup	hua_ce_licensegroup_tab.ys0y0o6sw62ahrhqr035xvpkr0	FLOAT	#	Average usage of DL CEs of the license	Average	Sum, Minimum,

				group.		Maximum
VS_LC_ULCreditAvailable_LicenseGroup_Dedicated	hua_ce_licensegroup_tab.ys0y0ofsw62ahrhqr035xvpkr0	FLOAT	#	Number of the UL CEs in each license group.	Average	Sum, Minimum, Maximum
VS_LC_ULMax_LicenseGroup	hua_ce_licensegroup_tab.ys0y0o4sw62ahrhqr035xvpkr0	FLOAT	#	Maximum usage of UL CEs of the license group.	Average	Sum, Minimum, Maximum
VS_LC_ULMean_LicenseGroup	hua_ce_licensegroup_tab.ys0y0o2sw62ahrhqr035xvpkr0	FLOAT	#	Average usage of UL CEs of the license group.	Average	Sum, Minimum, Maximum

6.37.3 NodeB.Huawei.UMTS.Credit_Usage_Shared

Credit usage for the entire NodeB. When the RAN is not shared, the usage of UL CEs and DL CEs of the entire NodeB is reported,

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LC_DLCreditAvailable_Shared	hua_ce_shared_tab.ys0y0ojsw62ahrhqr035xvpkr0	FLOAT	#	Number of the DL CEs in the entire NodeB.	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum
VS_LC_DLMax_LicenseGroup_Shared	hua_ce_shared_tab.ys0y0orsw62ahrhqr035xvpkr0	FLOAT	#	Maximum usage of DL CEs of shared NodeB.	Average	hundlcbh, hunulcbh, Sum,

						Minimum, Maximum
VS_LC_DLMean_LicenseGroup_Shared	hua_ce_shared_tab.ys0y0opsw62ahrhqr035xvpkr0	FLOAT	#	Average usage of DL CEs of shared NodeB.	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum
VS_LC_ULCreditAvailable_Shared	hua_ce_shared_tab.ys0y0ohsw62ahrhqr035xvpkr0	FLOAT	#	Number of the UL CEs in the entire NodeB.	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum
VS_LC_ULMax_LicenseGroup_Shared	hua_ce_shared_tab.ys0y0onsw62ahrhqr035xvpkr0	FLOAT	#	Maximum usage of UL CEs of shared NodeB.	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum
VS_LC_ULMean_LicenseGroup_Shared	hua_ce_shared_tab.ys0y0olsw62ahrhqr035xvpkr0	FLOAT	#	Average usage of UL CEs of shared NodeB.	Average	hundlcbh, hunulcbh, Sum, Minimum, Maximum

6.37.4 NodeB.Huawei.UMTS.HSDPA_aggregated_from_cell

HSDPA data aggregated from cell level.

KPI Name	Expression	Data Type	Units	Description	Default Aggrega	Other Aggrega

					tor	tors
VS_HSDPA_MACD_AbnormRel	hua_nb_hsdpa_aggfrcell_tab.ye0b536adrbvxt4cwbqwy54g63	INTEGER	#	Obsolete from UTRAN/V900R011:Number of MAC-D flows released abnormally in a cell.	Sum	hunbtbh
VS_HSDPA_MACD_Mean_Cell	hua_nb_hsdpa_aggfrcell_tab.ytvpcicmhobhse20ee62t1rq4y	FLOAT	#	Mean number of MAC-D flows in a cell.	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_MACD_Rel	hua_nb_hsdpa_aggfrcell_tab.ww4yw6llxrbhsdqo2mwq1y4lxp	INTEGER	#	Number of MAC-D flows released in a cell.	Sum	hunbtbh
VS_HSDPA_MACDFailDelPerCell	hua_nb_hsdpa_aggfrcell_tab.wlhrsq0vw0cjarqkmdwt14ylqr	INTEGER	#	Number of unsuccessful HSDPA service deletions in a cell.	Sum	hunbtbh
VS_HSDPA_MACDFailStpPerCell	hua_nb_hsdpa_aggfrcell_tab.vhvwob6ty2cdmtfn431bvn1bdc	INTEGER	#	Number of unsuccessful HSDPA service setups in a cell.	Sum	hunbtbh
VS_HSDPA_MACDSuccDelPerCell	hua_nb_hsdpa_aggfrcell_tab.rryvftsswdbfxtllwlwymmfsr0	INTEGER	#	Number of successful HSDPA service	Sum	hunbtbh

				deletions in a cell.		
VS_HSDPA_MACDSuccStpPerCell	hua_nb_hsdpa_aggfrcell_tab.r54bp04wkgbhossopjjlfy1opf	INTEGER	#	Number of successful MAC-d Flow setups in a cell.	Sum	hunbtbh
VS_HSDPA_MeanChThroughput_Times	hua_nb_hsdpa_aggfrcell_tab.wc6lssl6vucuidhq3euh2l4hww	INTEGER	#	Mean throughput of MAC-D flows in a cell. Times	Sum	hunbtbh
VS_HSDPA_MeanChThroughput_TotalBytes	hua_nb_hsdpa_aggfrcell_tab.xfi2xtwum5bgac4bwpncgl2ewa	FLOAT	#	Mean throughput of MAC-D flows in a cell.Total bytes	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_MeanChThroughput	hua_nb_hsdpa_aggfrcell_tab.t2vc32jnxrcjpr4j2sylg1ugb4	FLOAT	kbs	Mean throughput of MAC-D flows in a cell.	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_MeanCopperBeChThroughput_TotalBytes	hua_nb_hsdpa_aggfrcell_tab.yearpsfupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted in MAC-d flow of copper BE traffic	Sum	hunbtbh
VS_HSDPA_MeanCopperBeChThroughput	hua_nb_hsdpa_aggfrcell_tab.yearpsdupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of copper BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_MeanGoldenBeChThroughput_TotalBytes	hua_nb_hsdpa_aggfrcell_tab.yearps4upw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes transmitted in MAC-d	Sum	hunbtbh

				flow of golden BE traffic		
VS_HSDPA_MeanGoldenBeChThroughput	hua_nb_hsdpa_aggfrcell_tab.yearps2upw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of golden BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_MeanSilverBeChThroughput_TotalBytes	hua_nb_hsdpa_aggfrcell_tab.yearpsbupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes transmitted in MAC-d flow of silver BE traffic	Sum	hunbtbh
VS_HSDPA_MeanSilverBeChThroughput	hua_nb_hsdpa_aggfrcell_tab.yearps6upw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of silver BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPA_RAB_AttEstab_BE_Copper	hua_nb_hsdpa_aggfrcell_tab.yearqb6upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for copper-level users	Sum	hunbtbh
VS_HSDPA_RAB_AttEstab_BE_Golden	hua_nb_hsdpa_aggfrcell_tab.ufjtsx102x2ahsr1b035yijpvo	INTEGER	#	Number of HSDPA RAB Establishment Attempts of BE Service for	Sum	hunbtbh

				Golden-Level Users		
VS_HSDPA_RAB_AttEstab_BE_Silver	hua_nb_hsdpa_aggfrcell_tab.yearqb4upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for silver-level users	Sum	hunbtbh
VS_HSDPA_RAB_AttEstab	hua_nb_hsdpa_aggfrcell_tab.ycp0s2ksd2b3tcvfw0ntk54jhb	INTEGER	#	Number of requests to set up the HSDPA service in a cell.	Sum	hunbtbh
VS_HSDPA_RAB_Loss_Abnorm_NonRF	hua_nb_hsdpa_aggfrcell_tab.shn2pa1tjqcgitsi6yhhdc3vjs	INTEGER	#	Number of HSDPA Service Abnormal Released due to Different Cause in a cell.	Sum	hunbtbh
VS_HSDPA_RAB_Loss_InActivity	hua_nb_hsdpa_aggfrcell_tab.ye4r5mdk15bndet2guhyjqkv56	INTEGER	#	Number of HSDPA Service Released due to User Inactivity in a cell.	Sum	hunbtbh
VS_HSDPA_RAB_Loss_Norm	hua_nb_hsdpa_aggfrcell_tab.w6gfj22ea0cqjtek5weg5k2qob	INTEGER	#	Number of HSDPA Service Normal Released in a cell.	Sum	hunbtbh
VS_HSDPA_RAB_Loss_RF	hua_nb_hsdpa_aggfrcell_tab.wq3ayqq0h2c50d6nypkic3nsf2	INTEGER	#	Number of HSDPA Service	Sum	hunbtbh

				Abnormal Released due to Iu/RAB cause : - Radio Connection With UE Lost - Failure in the Radio Interface Procedure.		
VS_HSDPA_RAB_SuccEstab_BE_Copper	hua_nb_hsdpa_aggfrcell_tab.yearqbdupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSDPA RAB establishments of be service for copper-level users	Sum	hunbtbh
VS_HSDPA_RAB_SuccEstab_BE_Golden	hua_nb_hsdpa_aggfrcell_tab.ufjtsx302x2ahsr1b035yijpvo	INTEGER	#	Number of Successful HSDPA RAB Establishments of BE Service for Golden-Level Users	Sum	hunbtbh
VS_HSDPA_RAB_SuccEstab_BE_Silver	hua_nb_hsdpa_aggfrcell_tab.yearqbbupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSDPA RAB establishments of be service for silver-level users	Sum	hunbtbh

VS_HSDPA_RAB_SuccEstab	hua_nb_hsdpa_aggfrcell_tab.ulqp5ufoftbvks0fokwkxsxrgt	INTEGER	#	Number of successful setups of the HSDPA service in each cell.	Sum	hunbtbh
VS_HSDPA_UE_Mean_Cell	hua_nb_hsdpa_aggfrcell_tab.vm2arokva6c2kte4l25bhey4tv	FLOAT	#	This item provides the average number of UEs in CELL_HSDPA state in a cell.	Average	hunbtbh, Sum, Minimum, Maximum

6.37.5 NodeB.Huawei.UMTS.HSUPA_aggregated_from_cell

HSUPA data aggregated from cell

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
HSUPA_MACDFailDelPerCell	hua_nb_hsupa_aggfrcell_tab.ruwxmatjg32ahdhaj035xkcuc6	INTEGER	#	Number of failures to delete EDCH MACD FLOW in a cell.	Sum	hunbtbh
HSUPA_MACDFailStpPerCell	hua_nb_hsupa_aggfrcell_tab.ruwxmavjg32ahdhaj035xkcuc6	INTEGER	#	Number of failures of the RNC to set up EDCH MACD FLOW in a cell.	Sum	hunbtbh
HSUPA_MACDSuccDelPerCell	hua_nb_hsupa_aggfrcell_tab.ruwxmaxjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to delete EDCH MACD	Sum	hunbtbh

				FLOW from a UE in a cell.		
HSUPA_MACDSuccStpPerCell	hua_nb_hsupa_aggfrcell_tab.ruwxmb0jg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts of the RNC to set up the EDCH MACD FLOW in a cell.	Sum	hunbtbh
HSUPA_MeanChThroughput_Times	hua_nb_hsupa_aggfrcell_tab.ruwxmb4jg32ahdhaj035xkcuc6	INTEGER	#	No description.	Sum	hunbtbh
HSUPA_MeanChThroughput_TotByte	hua_nb_hsupa_aggfrcell_tab.ruwxmb6jg32ahdhaj035xkcuc6	INTEGER	#	Number of bytes received by the MAC-d flow in a cell.	Sum	hunbtbh
HSUPA_MeanChThroughput	hua_nb_hsupa_aggfrcell_tab.ruwxmb2jg32ahdhaj035xkcuc6	FLOAT	#	Average UL throughput of MAC-d flow in a cell.	Average	hunbtbh, Sum, Minimum, Maximum
HSUPA_RAB_AttEstab	hua_nb_hsupa_aggfrcell_tab.ruwxmbbjg32ahdhaj035xkcuc6	INTEGER	#	Number of attempts to set up HSUPA RABs in a cell.	Sum	hunbtbh
HSUPA_RAB_Loss_Abnorm	hua_nb_hsupa_aggfrcell_tab.ruwxmbdjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs abnormally released by	Sum	hunbtbh

				the RNC in a cell.		
HSUPA_RAB_Loss_Norm	hua_nb_hsupa_aggfrcell_tab.ruwxmbfjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs normally released by the RNC in a cell.	Sum	hunbtbh
HSUPA_RAB_Loss_UEGen	hua_nb_hsupa_aggfrcell_tab.ruwxmbhjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs released by the RNC for the release of the UE signaling connection.	Sum	hunbtbh
HSUPA_RAB_SuccEstab	hua_nb_hsupa_aggfrcell_tab.ruwxmbjjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to set up the HSUPA RABs in a cell.	Sum	hunbtbh
HSUPA_SHO_ServCellChg_Att	hua_nb_hsupa_aggfrcell_tab.ruwxmbljg32ahdhaj035xkcuc6	INTEGER	#	Number of attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Sum	hunbtbh
HSUPA_SHO_ServCellChg_Succ	hua_nb_hsupa_aggfrcell_tab.ruwxmbnjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to change the EDCH serving cells because the	Sum	hunbtbh

				soft handover is performed or multiple links exist.		
VS_HSUPA_CopperBeMeanChThroughput_TotalBytes	hua_nb_hsupa_aggfrcell_tab.yearptrupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of copper BE traffic	Sum	hunbtbh
VS_HSUPA_CopperBeMeanChThroughput	hua_nb_hsupa_aggfrcell_tab.yearptpupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of copper BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSUPA_GoldenBeMeanChThroughput_TotalBytes	hua_nb_hsupa_aggfrcell_tab.yearptjupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of golden BE traffic	Sum	hunbtbh
VS_HSUPA_GoldenBeMeanChThroughput	hua_nb_hsupa_aggfrcell_tab.yearpthupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of golden BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSUPA_RAB_AttEstab_BE_Copper	hua_nb_hsupa_aggfrcell_tab.yearqc4upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for copper-	Sum	hunbtbh

				level users		
VS_HSUPA_RAB_AttEstab_BE_Golden	hua_nb_hsupa_aggfrcell_tab.yearqc0upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for golden-level users	Sum	hunbtbh
VS_HSUPA_RAB_AttEstab_BE_Silver	hua_nb_hsupa_aggfrcell_tab.yearqc2upw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for silver-level users	Sum	hunbtbh
VS_HSUPA_RAB_SuccEstab_BE_Copper	hua_nb_hsupa_aggfrcell_tab.yearqcdupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for copper-level users	Sum	hunbtbh
VS_HSUPA_RAB_SuccEstab_BE_Golden	hua_nb_hsupa_aggfrcell_tab.yearqc6upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for golden-level users	Sum	hunbtbh
VS_HSUPA_RAB_SuccEstab_BE_Silver	hua_nb_hsupa_aggfrcell_tab.yearqcbupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for silver-level	Sum	hunbtbh

				users		
VS_HSUPA_SilverBeMeanChThroughput_TotalBytes	hua_nb_hsupa_aggfrcell_tab.yearptnupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of silver BE traffic	Sum	hunbtbh
VS_HSUPA_SilverBeMeanChThroughput	hua_nb_hsupa_aggfrcell_tab.yearptlupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of silver BE traffic	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSUPA_UE_Mean_Cell	hua_nb_hsupa_aggfrcell_tab.ruwxmbpjg32ahdhaj035xkcuc6	FLOAT	#	Average number of UEs in CELL_HSUPA state in a cell.	Average	hunbtbh, Sum, Minimum, Maximum

6.37.6 NodeB.Huawei.UMTS.IUB_Bandwidth

Measurement related to the iub configure bandwidth and used bandwidth.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_ATMDlAvgUsed_1	hua_iub_bandwidth_tab.ys0y0p4sw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlAvgUsed_2	hua_iub_bandwidth_tab.ys0y0pvsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum,

						Maximum
VS_ATMDlAvgUsed_3	hua_iub_bandwidth_tab.ys0y0qnsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlAvgUsed_4	hua_iub_bandwidth_tab.ys0y0rfsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlMaxUsed_1	hua_iub_bandwidth_tab.ys0y0p2sw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlMaxUsed_2	hua_iub_bandwidth_tab.ys0y0ptsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlMaxUsed_3	hua_iub_bandwidth_tab.ys0y0qlsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlMaxUsed_4	hua_iub_bandwidth_tab.ys0y0rdsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlTotal_1	hua_iub_bandwidth_tab.ys0y0p0sw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on ATM Physical	Average	hunbtbh, Sum, Minimu

				Ports.		m, Maximum
VS_ATMDlTotal_2	hua_iub_bandwidth_tab.ys0y0prsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlTotal_3	hua_iub_bandwidth_tab.ys0y0qjsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMDlTotal_4	hua_iub_bandwidth_tab.ys0y0rbsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlAvgUsed_1	hua_iub_bandwidth_tab.ys0y0oxsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlAvgUsed_2	hua_iub_bandwidth_tab.ys0y0ppsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlAvgUsed_3	hua_iub_bandwidth_tab.ys0y0qhsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximu

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VS_ATMUlAvg Used_4	hua_iub_bandwidth_tab.ys0y0r6sw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the ATM physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlMax Used_1	hua_iub_bandwidth_tab.ys0y0ovsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlMax Used_2	hua_iub_bandwidth_tab.ys0y0pnsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlMax Used_3	hua_iub_bandwidth_tab.ys0y0qfsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlMax Used_4	hua_iub_bandwidth_tab.ys0y0r4sw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the ATM physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlTotal_1	hua_iub_bandwidth_tab.ys0y0otsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlTotal_2	hua_iub_bandwidth_tab.ys0y0plsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum,

						Maximum
VS_ATMUlTotal_3	hua_iub_bandwidth_tab.ys0y0qdsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_ATMUlTotal_4	hua_iub_bandwidth_tab.ys0y0r2sw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on ATM Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlAvgUsed_1	hua_iub_bandwidth_tab.ys0y0pjsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlAvgUsed_2	hua_iub_bandwidth_tab.ys0y0qbsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlAvgUsed_3	hua_iub_bandwidth_tab.ys0y0r0sw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlAvgUsed_4	hua_iub_bandwidth_tab.ys0y0rrsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used DL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum

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VS_IPDlMaxUsed_1	hua_iub_bandwidth_tab.ys0y0phsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlMaxUsed_2	hua_iub_bandwidth_tab.ys0y0q6sw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlMaxUsed_3	hua_iub_bandwidth_tab.ys0y0qxsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlMaxUsed_4	hua_iub_bandwidth_tab.ys0y0rpsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used DL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlTotal_1	hua_iub_bandwidth_tab.ys0y0pfsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlTotal_2	hua_iub_bandwidth_tab.ys0y0q4sw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPDlTotal_3	hua_iub_bandwidth_tab.ys0y0qvsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum

VS_IPDlTotal_4	hua_iub_bandwidth_tab.ys0y0rnsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available DL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlAvgUsed_1	hua_iub_bandwidth_tab.ys0y0pdsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlAvgUsed_2	hua_iub_bandwidth_tab.ys0y0q2sw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlAvgUsed_3	hua_iub_bandwidth_tab.ys0y0qtsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlAvgUsed_4	hua_iub_bandwidth_tab.ys0y0rlsw62ahrhqr035xvpkr0	FLOAT	kpbs	Average used UL bandwidth on the IP physical ports	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlMaxUsed_1	hua_iub_bandwidth_tab.ys0y0pbsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlMaxUsed_2	hua_iub_bandwidth_tab.ys0y0q0sw62ahrhqr035xvp	FLOAT	kpbs	Maximum used UL	Average	hunbtbh, Sum,

	kr0			bandwidth on the IP physical ports.		Minimum, Maximum
VS_IPUlMaxUsed_3	hua_iub_bandwidth_tab.ys0y0qrsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlMaxUsed_4	hua_iub_bandwidth_tab.ys0y0rjsw62ahrhqr035xvpkr0	FLOAT	kpbs	Maximum used UL bandwidth on the IP physical ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlTotal_1	hua_iub_bandwidth_tab.ys0y0p6sw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlTotal_2	hua_iub_bandwidth_tab.ys0y0pxsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlTotal_3	hua_iub_bandwidth_tab.ys0y0qpsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum
VS_IPUlTotal_4	hua_iub_bandwidth_tab.ys0y0rhsw62ahrhqr035xvpkr0	FLOAT	kpbs	Available UL Bandwidth on IP Physical Ports.	Average	hunbtbh, Sum, Minimum, Maximum

6.37.7 NodeB.Huawei.UMTS.Iub_Congestion

Iub congestion data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IUB_CongDL	hua_nb_iub_cong_tab.ub2wh42iyy2ahdha0035xkcuc6	INTEGER	#	Number of DL Congestions on Iub Interface	Sum	hunbtbh
VS_IUB_CongUL	hua_nb_iub_cong_tab.ub2wh44iyy2ahdha0035xkcuc6	INTEGER	#	Number of UL Congestions on Iub Interface	Sum	hunbtbh
VS_IUB_TimeCongDL	hua_nb_iub_cong_tab.ub2wh46iyy2ahdha0035xkcuc6	INTEGER	seconds	Duration of DL Congestions on Iub Interface	Sum	hunbtbh
VS_IUB_TimeCongUL	hua_nb_iub_cong_tab.ub2wh4biyy2ahdha0035xkcuc6	INTEGER	seconds	Duration of UL Congestions on Iub Interface	Sum	hunbtbh

6.37.8 NodeB.Huawei.UMTS.IUB_NodeB

IuB measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL2Total	hua_nodeb_iub_tab.uuo23qnilk2ahdh6b035xkcuc6	INTEGER	bps	Obsolete in Vn00R010; No description.	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPAAlloc	hua_nodeb_iub_tab.uuo23qtilk2ahdh6b035xkcuc6	INTEGER	bps	Obsolete in Vn00R010; No description.	Average	hunbtbh, Sum, Minimum, Maximum

VS_HSDPAAllocRatio_100	hua_nodeb_iub_tab.uuo23s4ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_10	hua_nodeb_iub_tab.uuo23r0ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_15	hua_nodeb_iub_tab.uuo23r2ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_20	hua_nodeb_iub_tab.uuo23r4ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_25	hua_nodeb_iub_tab.uuo23r6ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_30	hua_nodeb_iub_tab.uuo23rbilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_35	hua_nodeb_iub_tab.uuo23rdilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_40	hua_nodeb_iub_tab.uuo23rfilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_45	hua_nodeb_iub_tab.uuo23rhilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_50	hua_nodeb_iub_tab.uuo23rjilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh

VS_HSDPAAllocRatio_55	hua_nodeb_iub_tab.uuo23rlilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_5	hua_nodeb_iub_tab.uuo23qxilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_60	hua_nodeb_iub_tab.uuo23rnilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_65	hua_nodeb_iub_tab.uuo23rpilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_70	hua_nodeb_iub_tab.uuo23rrilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_75	hua_nodeb_iub_tab.uuo23rtilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_80	hua_nodeb_iub_tab.uuo23rvilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_85	hua_nodeb_iub_tab.uuo23rxilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPAAllocRatio_90	hua_nodeb_iub_tab.uuo23s0ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh

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VS_HSDPAAllocRatio_95	hua_nodeb_iub_tab.uuo23s2ilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete in Vn00R010; No description.	Sum	hunbtbh
VS_HSDPARemain	hua_nodeb_iub_tab.uuo23qrilk2ahdh6b035xkcuc6	INTEGER	bps	Obsolete in Vn00R010; No description.	Average	hunbtbh, Sum, Minimum, Maximum
VS_HSDPAUsed	hua_nodeb_iub_tab.uuo23qvilk2ahdh6b035xkcuc6	INTEGER	bps	Obsolete in Vn00R010; No description.	Average	hunbtbh, Sum, Minimum, Maximum
VS_R99Alloc	hua_nodeb_iub_tab.uuo23qpilk2ahdh6b035xkcuc6	INTEGER	bps	Obsolete in Vn00R010; No description.	Average	hunbtbh, Sum, Minimum, Maximum

6.37.9 NodeB.Huawei.UMTS.NodeB_Availability

NodeB availability measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_NodeB_Ratio_UnavailTime_OM	hua_nb_nbavail_tab.ub2wh5tiyy2ahdha0035xkcuc6	FLOAT	#	Unavailability ratio of a NodeB, that is, the out-of-service ratio of a NodeB.	Average	hunbtbh, Sum, Minimum, Maximum
VS_NodeB_UnavailTime_OM	hua_nb_nbavail_tab.ub2wh5viyy2ahdha0035xkcuc6	INTEGER	seconds	Unavailability duration (in seconds) of a NodeB, that is, the out-of-service time of	Sum	hunbtbh

				a NodeB.		

6.37.10NodeB.Huawei.UMTS.Traffic_CS_aggregated_from_cell

CS Traffic data aggregated from cell level.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MAC_SRNCIubBytesCSConv_Rx	hua_nbtrafcs_aggrcell_tab.spbdcvqt0mceldtbfxutn1fm3s	INTEGER	bytes	Number of UL MAC PDU bytes sent by the SRNC to the MAC-d on the CS conversational service bearer (DCH FP) over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesCSConv_Tx	hua_nbtrafcs_aggrcell_tab.yvvmxfl3s6crcsk405w1p3cc6q	INTEGER	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the CS conversational service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesCSStr_Rx	hua_nbtrafcs_aggrcell_tab.rsoug0kpllcisdshmmw0h54s0s	INTEGER	bytes	Number of UL MAC PDU bytes sent by the SRNC to the	Sum	hunbtbh

				MAC-d on the CS streaming service bearer (DCH FP) over the Iub interface in a cell.		
VS_MAC_SRNCIubBytesCSStr_Tx	hua_nbtrafcs_aggrcell_tab.svqh1ykc0xbqgtx6kxcmy421qn	INTEGER	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the CS streaming service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh

6.37.11NodeB.Huawei.UMTS.Traffic_PS_aggregated_from_cell

PS traffic data aggregated from cell level.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Traffic_busy_hour	hua_nbtrafps_aggfrcell_tab.u0eu0xfx1sbmbbebqv0ppa3uth	FLOAT	#	Calculation for NodeB traffic busy hour.	Sum	hunbtbh
VS_MAC_CRNCIubBytes_PS_CCH_RX	hua_nbtrafps_aggfrcell_tab.ykayw2pupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes in UL MAC PDU sent by the CRNC on the RACH PS over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_CRNCIubBytes_PS_CCH	hua_nbtrafps_aggfrcell_tab.ykayw2rupw2ahrhr0035	INT8	bytes	Number of bytes in DL	Sum	hunbtbh

_TX	xvpkr0			MAC PDU sent by the CRNC on the FACH PS over the Iub interface in a cell.		
VS_MAC_SRNCIubBytesPSBkg_Rx	hua_nbtrafps_aggfrcell_tab.y5xxrt3islctkukgutlbpndvhr	INTEGER	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS background service bearer (DCH FP) over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesPSBkg_Tx	hua_nbtrafps_aggfrcell_tab.w3ljpstj6ubdjb1mfejn53xcy1	INTEGER	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS background service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesPSConv_Rx	hua_nbtrafps_aggfrcell_tab.ugc1cye2xwbo5b1huhxqrpv4qd	INTEGER	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS conversationa	Sum	hunbtbh

				l service bearer (DCH FP) over the Iub interface in a cell.		
VS_MAC_SRNCIubBytesPSConv_Tx	hua_nbtrafps_aggfrcell_tab.ruln3tcpsgcwhcujubsnreg5qs	INTEGER	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS conversational service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesPSInt_Rx	hua_nbtrafps_aggfrcell_tab.v4o5y4fq46by5utx5ixohfuspr	INTEGER	bytes	Number of bytes of the UL MAC PDUs sent by the SRNC to the MAC-d on the PS interactive service bearer (DCH FP) over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesPSInt_Tx	hua_nbtrafps_aggfrcell_tab.yvvr5gxorlc34syn612ehicwip	INTEGER	bytes	Number of DL MAC PDU bytes sent by the SRNC on the PS interactive service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh
VS_MAC_SRNCIubBytesPSStr_Rx	hua_nbtrafps_aggfrcell_tab.ugxkxhlbtlckmssvu5uby	INTEGER	bytes	Number of bytes of the	Sum	hunbtbh

	vf4jn			UL MAC PDUs sent by the SRNC to the MAC-d on the PS streaming service bearer (DCH FP) over the Iub interface in a cell.		
VS_MAC_SRNCIubBytesPSStr_Tx	hua_nbtrafps_aggfrcell_tab.unjpnwjl6pbr1bqytwjoubuhsj	INTEGER	bytes	Number of bytes of the DL MAC PDU sent by the SRNC on the PS streaming service bearer DCH FP over the Iub interface in a cell.	Sum	hunbtbh

6.38 OAM_Link Performance Indicators

- OAM_Link.Huawei.UMTS.NODEBOAM_Channel_Measurement
- OAM_Link.Huawei.UMTS.OAM_FLOW

6.38.1 OAM_Link.Huawei.UMTS.NODEBOAM_Channel_Measurement

NodeB OAM Measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_NODEBOAM_PEAK_RXBYTES	hua_nodeboam_tab.yearq40upw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Peak	Average	Sum, Minimum,

				number of bytes received by NODEB OAM (specific to V100R010)		Maximum
VS_NODEBOAM_PEAK_TXBYTES	hua_nodeboam_tab.yearq42upw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Peak number of bytes transmitted by NODEB OAM (specific to V100R010)	Average	Sum, Minimum, Maximum
VS_NODEBOAM_RX_BYTES	hua_nodeboam_tab.yearq3rupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by NODEB OAM (specific to V100R010)	Sum	
VS_NODEBOAM_RX_MEANKBPS	hua_nodeboam_tab.yearq3vupw2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900R011:Average receive rate of NODEB OAM (specific to V100R010)	Average	Sum, Minimum, Maximum
VS_NODEBOAM_RX_PKTS	hua_nodeboam_tab.yearq44upw2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900R011:Number of packets received by NODEB OAM (specific to V100R010)	Sum	
VS_NODEBOAM_TX_BYTES	hua_nodeboam_tab.yearq3tupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of bytes transmitted by NODEB OAM	Sum	

				(specific to V100R010)		
VS_NODEBOAM_TX_MEAN KBPS	hua_nodeboam_tab.yearq3xupw2ahrhr0035xvpkr0	FLOAT	Kbps	Obsolete from UTRAN/V900 R011:Average transmit rate of NODEB OAM (specific to V100R010)	Average	Sum, Minimum, Maximum
VS_NODEBOAM_TX_PKTS	hua_nodeboam_tab.yearq46upw2ahrhr0035xvpkr0	INTEGER	packets	Obsolete from UTRAN/V900 R011:Number of packets transmitted by NODEB OAM (specific to V100R010)	Sum	

6.38.2 OAM_Link.Huawei.UMTS.OAM_FLOW

OAM FLOW measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_OAM_FLOW_MEANS_RX	hua_oam_flow_tab.suihnnrurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average rate received in OAM_FLOW	Average	Sum, Minimum, Maximum
VS_OAM_FLOW_MEANS_TX	hua_oam_flow_tab.suihnnnurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average rate transmitted in OAM_FLOW	Average	Sum, Minimum, Maximum
VS_OAM_FLOW_PEAK_RXRATE	hua_oam_flow_tab.suihnnpurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate received in OAM_FLOW	Average	Sum, Minimum,

						Maximum
VS_OAM_FLOW_PEAK_TXRATE	hua_oam_flow_tab.suihnnlurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate transmitted in OAM_FLOW	Average	Sum, Minimum, Maximum
VS_OAM_FLOW_RXBYTES	hua_oam_flow_tab.suihnnfurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes received in OAM_FLOW	Sum	
VS_OAM_FLOW_RXDROPBYTES	hua_oam_flow_tab.suihnnjurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes received in OAM_FLOW	Sum	
VS_OAM_FLOW_RXDROPPACKETS	hua_oam_flow_tab.suihnnhurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded packets received in OAM_FLOW	Sum	
VS_OAM_FLOW_RXPACKETS	hua_oam_flow_tab.suihnndurp2ahrhr0035xvpkr0	INTEGER	#	Number of packets received in OAM_FLOW	Sum	
VS_OAM_FLOW_TXBYTES	hua_oam_flow_tab.suihnn4urp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted in OAM_FLOW	Sum	
VS_OAM_FLOW_TXDROPBYTES	hua_oam_flow_tab.suihnnburp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes transmitted in OAM_FLOW	Sum	
VS_OAM_FLOW_TXDROPPACKETS	hua_oam_flow_tab.suihnn6urp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded packets transmitted	Sum	
VS_OAM_FLOW_TXPACKETS	hua_oam_flow_tab.suihnn2urp2ahrhr0035xvpkr0	INTEGER	#	Number of packets	Sum	

				transmitted in OAM_FLOW		

6.39 PPP Performance Indicators

- PPP.Huawei.UMTS.PPP_QUEUE
- PPP.Huawei.UMTS.PPP

6.39.1 PPP.Huawei.UMTS.PPP_QUEUE

PPP Queue measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PPP_QUEUE_MEAN_TX	hua_ppp_queue_tab.suihnirurp2ahrhr0035xvpkr0	FLOAT	Kbps	Mean transmission rate of the PPP LINK_queue	Average	Sum, Minimum, Maximum
VS_PPP_QUEUE_PEAK_TXRATE	hua_ppp_queue_tab.suihnipurp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak transmission rate of the PPP LINK_queue	Average	Sum, Minimum, Maximum
VS_PPP_QUEUE_TXBYTES	hua_ppp_queue_tab.suihnijurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of transmitted bytes from the PPP LINK_queue	Sum	
VS_PPP_QUEUE_TXDROPBYTES	hua_ppp_queue_tab.suihninurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of discarded bytes in transmission from the PPP LINK_queue	Sum	
VS_PPP_QUEUE	hua_ppp_queue_tab.suih	INTEG	packet	Number of	Sum	

_TXDROPPACKETS	nilurp2ahrhr0035xvpkr0	ER	s	discarded packets in transmission from the PPP LINK_queue		
VS_PPP_QUEUE_TXPACKETS	hua_ppp_queue_tab.suihnihurp2ahrhr0035xvpkr0	INTEGER	packets	Number of transmitted packets from the PPP LINK_queue	Sum	

6.39.2 PPP.Huawei.UMTS.PPP

PPP measurement.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_PPP_BYTES	({VS_PPP_RXBYTES} + {VS_PPP_TXBYTES})	INT8	bytes	Number of bytes sent and received by a PPP link in a measurement period.	Sum	
VS_PPP_Alloced_Ave_Bwd	hua_ppp_ppp_tab.xlsnyavlui2aidkrb02ofawjhk	FLOAT	bps	Mean backward bandwidth assigned to a PPP link	Average	Sum, Minimum, Maximum
VS_PPP_Alloced_Ave_Fwd	hua_ppp_ppp_tab.xlsnyatlui2aidkrb02ofawjhk	FLOAT	bps	Mean forward bandwidth assigned to a PPP link	Average	Sum, Minimum, Maximum
VS_PPP_Alloced_Max_Bwd	hua_ppp_ppp_tab.xlsnyajlui2aidkrb02ofawjhk	FLOAT	bps	Peak backward bandwidth assigned to a PPP link	Average	Sum, Minimum, Maximum
VS_PPP_Alloced_Max_Fwd	hua_ppp_ppp_tab.xlsnyahlui2aidkrb02ofawjhk	FLOAT	bps	Peak forward bandwidth	Average	Sum, Minimu

				assigned to a PPP link		m, Maximum
VS_PPP_Bwd_Cong_Dur	hua_ppp_ppp_tab.xlsnyarlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of backward congestion on a PPP link	Sum	
VS_PPP_Bwd_Cong	hua_ppp_ppp_tab.xlsnyaplui2aidkrb02ofawjhk	INTEGER	#	Number of backward congestions on a PPP link	Sum	
VS_PPP_FAULT CLEAR	hua_ppp_ppp_tab.suihni2urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults are cleared in PPP LINK	Sum	
VS_PPP_FAULT EMIT	hua_ppp_ppp_tab.suihni0urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of times faults occur in PPP LINK	Sum	
VS_PPP_FAULT TIME	hua_ppp_ppp_tab.suihni4urp2ahrhr0035xvpkr0	INTEGER	seconds	Duration of PPP LINK faults	Sum	
VS_PPP_Fwd_Cong_Dur	hua_ppp_ppp_tab.xlsnyanlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on a PPP link	Sum	
VS_PPP_Fwd_Cong	hua_ppp_ppp_tab.xlsnyallui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on a PPP link	Sum	

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VS_PPP_MeanThroughputKbps_Rx	hua_ppp_ppp_tab.uh2kknbiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of a PPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_PPP_MeanThroughputKbps_Tx	hua_ppp_ppp_tab.uh2kkndiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:Mean Rx rate of a PPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_PPP_PktUnexpectedRx	hua_ppp_ppp_tab.uh2kknfiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Tx lost Number of package received by a PPP link in a measurement period.	Sum	
VS_PPP_RX_BYTES	hua_ppp_ppp_tab.uh2kknhiyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by a PPP link in a measurement period.	Sum	
VS_PPP_RXBYTES	hua_ppp_ppp_tab.tgnkuthsen2ahrhqj035xvpkr0	INT8	bytes	Number of bytes received by a PPP link in a	Sum	

				measurement period.		
VS_PPP_RXDROPS	hua_ppp_ppp_tab.suihnhxurp2ahrhr0035xvpkr0	INTEGER	#	Number of error packets received by PPP LINK	Sum	
VS_PPP_RXMAXSPEED	hua_ppp_ppp_tab.suihnidurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of PPP LINK	Average	Sum, Minimum, Maximum
VS_PPP_RXMEANSPEED	hua_ppp_ppp_tab.tgnkurxsen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a PPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_PPP_RXMINSPEED	hua_ppp_ppp_tab.suihnifurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of PPP LINK	Average	Sum, Minimum, Maximum
VS_PPP_RXPACKETS	hua_ppp_ppp_tab.suihnhvurp2ahrhr0035xvpkr0	INTEGER	#	Number of packets successfully received by PPP LINK	Sum	
VS_PPP_TX_BYTES	hua_ppp_ppp_tab.uh2kknjiyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V900R011:Number of bytes sent by a PPP link in a measurement period.	Sum	
VS_PPP_TXBYT	hua_ppp_ppp_tab.tgnkutjs	INT8	bytes	Number of	Sum	

ES	en2ahrhqj035xvpkr0			bytes sent by a PPP link in a measurement period.		
VS_PPP_TXDROPS	hua_ppp_ppp_tab.tgnkusdsen2ahrhqj035xvpkr0	INTEGER	#	Tx lost Number of package received by a PPP link in a measurement period.	Sum	
VS_PPP_TXMAXSPEED	hua_ppp_ppp_tab.suihni6urp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of PPP LINK	Average	Sum, Minimum, Maximum
VS_PPP_TXMEANSPEED	hua_ppp_ppp_tab.tgnkus0sen2ahrhqj035xvpkr0	FLOAT	kilobits/second	Mean Rx rate of a PPP link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_PPP_TXMINSPEED	hua_ppp_ppp_tab.suihniburp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of PPP LINK	Average	Sum, Minimum, Maximum
VS_PPP_TXPACKETS	hua_ppp_ppp_tab.suihnhturp2ahrhr0035xvpkr0	INTEGER	#	Total Number of packets successfully transmitted by PPP LINK	Sum	

6.40 Processor Performance Indicators

- Processor.Huawei.UMTS.CPUS
- Processor.Huawei.UMTS.CSU
- Processor.Huawei.UMTS.DPU
- Processor.Huawei.UMTS.GCU
- Processor.Huawei.UMTS.HPU

- Processor.Huawei.UMTS.INTERWORKING
- Processor.Huawei.UMTS.INT
- Processor.Huawei.UMTS.LPU
- Processor.Huawei.UMTS.MPU
- Processor.Huawei.UMTS.MUX
- Processor.Huawei.UMTS.NET
- Processor.Huawei.UMTS.PIU
- Processor.Huawei.UMTS.SCU
- Processor.Huawei.UMTS.SPU_V200
- Processor.Huawei.UMTS.SPU
- Processor.Huawei.UMTS.WFMR
- Processor.Huawei.UMTS.XIE
- Processor.Huawei.UMTS.XPU

6.40.1 Processor.Huawei.UMTS.CPUS

CPUS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CSLoad_Erlang_Equiv_CPUS	hua_processor_cpus_tab.s14etyd3ra2aispb0035y0hf3v	FLOAT	Erlang	Equivalent erlang values of all services in the cs domain of the CPUS.	Average	Sum, Minimum, Maximum
VS_HSDPA_RAB_AttEstab_CPUS	hua_processor_cpus_tab.s14etyr3ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the number of HSDPA RAB requests in the CPUS subsystem.	Sum	
VS_HSDPA_RAB_SuccEstab_CPUS	hua_processor_cpus_tab.s14etyt3ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the	Sum	

				number of HSDPA RABs set up in the CPUS subsystem.		
VS_HSUPA_RAB_AttEstab_CPUS	hua_processor_cpus_tab.s14etyv3ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the number of HSUPA RAB requests in the CPUS subsystem.	Sum	
VS_HSUPA_RAB_SuccEstab_CPUS	hua_processor_cpus_tab.s14etyx3ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the number of HSUPA RABs set up in the CPUS subsystem.	Sum	
VS_RAB_AttEstab_AMR_CPUS	hua_processor_cpus_tab.s14etyj3ra2aispb0035y0hf3v	INTEGER	#	The measurement items provide the number of RABs requested to establish in the CPUS subsystem according to different types of services - AMR.	Sum	
VS_RAB_AttEstabPS_CPUS	hua_processor_cpus_tab.s14eu003ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the number of PS RAB requests in the CPUS subsystem.	Sum	

VS_RAB_AttEstCS_Conv_64_CPUS	hua_processor_cpus_tab.s14etyn3ra2aispb0035y0hf3v	INTEGER	#	The measurement items provide the number of RABs requested to establish in the CPUS subsystem according to different types of services - Conv 64.	Sum	
VS_RAB_Rel_Abnorm_AMR_CPUS	hua_processor_cpus_tab.s14eu043ra2aispb0035y0hf3v	INTEGER	#	These measurement counters provide the number of RAB abnormal releases triggered by the RNC in the CPUS subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.	Sum	
VS_RAB_Rel_Abnorm_CS_Conv64K_CPUS	hua_processor_cpus_tab.s14eu0b3ra2aispb0035y0hf3v	INTEGER	#	These measurement counters provide the number of RAB abnormal	Sum	

				releases triggered by the RNC in the CPUS subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.		
VS_RAB_Rel_Abnorm_PS_CPUS	hua_processor_cpus_tab.s14eu0f3ra2aispb0035y0hf3v	INTEGER	#	These measurement counters provide the number of RAB abnormal releases triggered by the RNC in the CPUS subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.	Sum	
VS_RAB_Rel_Norm_AMR_CPUS	hua_processor_cpus_tab.s14eu063ra2aispb0035y0hf3v	INTEGER	#	Number of RABs normally released for AMR services in the CPUS subsystem.	Sum	

VS_RAB_Rel_Norm_CS_Conv64K_CPUS	hua_processor_cpus_tab.s14eu0d3ra2aispb0035y0hf3v	INTEGER	#	Number of CS RABs normally released for 64kbit/s services in the CPUS subsystem.	Sum	
VS_RAB_Rel_Norm_PS_CPUS	hua_processor_cpus_tab.s14eu0h3ra2aispb0035y0hf3v	INTEGER	#	Number of PS RABs normally released in the CPUS subsystem.	Sum	
VS_RAB_SuccEstab_AMR_CPUS	hua_processor_cpus_tab.s14etyl3ra2aispb0035y0hf3v	INTEGER	#	Number of CS RABs successfully established on request for voice services in the CPUS subsystem.	Sum	
VS_RAB_SuccEstabPS_CPUS	hua_processor_cpus_tab.s14eu023ra2aispb0035y0hf3v	INTEGER	#	This measurement counter provides the number of PS RABs set up in the CPUS subsystem.	Sum	
VS_RAB_SuccEstCS_Conv_64_CPUS	hua_processor_cpus_tab.s14etyp3ra2aispb0035y0hf3v	INTEGER	#	Number of CS RABs successfully established on request for 64kbit/s conversational services in the CPUS subsystem.	Sum	

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VS_RRC_AttConnEstab_CPUS	hua_processor_cpus_tab.s14etyf3ra2aispb0035y0hf3v	INTEGER	#	This measurement item provides the number of RRC CONNECTION REQUEST messages processed by the RNC in the CPUS subsystem.	Sum	
VS_RRC_SuccConnEstab_CPUS	hua_processor_cpus_tab.s14etyh3ra2aispb0035y0hf3v	INTEGER	#	This measurement item provides the number of successful RRC connection setups in the CPUS subsystem.	Sum	

6.40.2 Processor.Huawei.UMTS.CSU

CSU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CSU_CPULOAD_LESS	hua_processor_csu_tab.son0hh52i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Percentage of CSU CPU usage between alarm threshold and alarm restore threshold	Average	Sum, Minimum, Maximum
VS_CSU_CPULOAD_MAX	hua_processor_csu_tab.son0hgy2i32ahsr1b02offb2f6	INTEGER	%	Obsolete in Vn00R010; Maximum CPU usage of CSU	Average	Sum, Minimum, Maximum

VS_CSU_CPULOAD_MEAN	hua_processor_csu_tab.son0hh12i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Average CPU usage of CSU	Average	Sum, Minimum, Maximum
VS_CSU_CPULOAD_OVER	hua_processor_csu_tab.son0hh32i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Percentage of CSU CPU usage over alarm threshold	Average	Sum, Minimum, Maximum
VS_CSU_DOSMEM_MAX	hua_processor_csu_tab.son0hha2i32ahsr1b02offb2f6	INTEGER	%	Obsolete in Vn00R010; Maximum usage of dynamic memory of CSU	Average	Sum, Minimum, Maximum
VS_CSU_DOSMEM_MEAN	hua_processor_csu_tab.son0hhc2i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Average dynamic memory usage of CSU	Average	Sum, Minimum, Maximum
VS_CSU_MBUFLOAD_MAX	hua_processor_csu_tab.son0hhi2i32ahsr1b02offb2f6	INTEGER	%	Obsolete in Vn00R010; Maximum MBUF usage of CSU	Average	Sum, Minimum, Maximum
VS_CSU_MBUFLOAD_MEAN	hua_processor_csu_tab.son0hhk2i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Average MBUF usage of CSU	Average	Sum, Minimum, Maximum
VS_CSU_MSGLOAD_MAX	hua_processor_csu_tab.son0hhe2i32ahsr1b02offb2f6	INTEGER	%	Obsolete in Vn00R010; Maximum message usage	Average	Sum, Minimum, Maximu

				of CSU		m
VS_CSU_MSG LOAD_MEAN	hua_processor_csu_tab.son0hhg2i32ahsr1b02offb2f6	FLOAT	%	Obsolete in Vn00R010; Average message usage of CSU	Average	Sum, Minimum, Maximum

6.40.3 Processor.Huawei.UMTS.DPU

DPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DPU_CPU LOAD_LESS	hua_processor_dpu_tab.wkqjsh0sek2ahrhqj035xvpkr0	FLOAT	%	Percentage of DPU CPU usage between alarm threshold and alarm restore threshold.	Average	Sum, Minimum, Maximum
VS_DPU_CPU LOAD_MAX	hua_processor_dpu_tab.wkqjsh2sek2ahrhqj035xvpkr0	FLOAT	%	Maximum DPU CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_DPU_CPU LOAD_MEAN	hua_processor_dpu_tab.wkqjsh4sek2ahrhqj035xvpkr0	FLOAT	%	Mean DPU CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_DPU_CPU LOAD_OVER	hua_processor_dpu_tab.wkqjsh6sek2ahrhqj035xvpkr0	FLOAT	%	Percentage of DPU CPU usage over alarm threshold.	Average	Sum, Minimum, Maximum
VS_DPU_MSG LOAD_MAX	hua_processor_dpu_tab.suihnbfurp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900R011:Maximum msg usage of DPU	Average	Sum, Minimum, Maximum

VS_DPU_MSG LOAD_MEAN	hua_processor_dpu_tab.suihnbhurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average of msg usage of DPU	Average	Sum, Minimum, Maximum

6.40.4 Processor.Huawei.UMTS.GCU

GCU utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_GCU_CPU LOAD_LESS	hua_processor_gcu_tab.suihnj0urp2ahrhr0035xvpkr0	INT8	%	Percentage of GCU CPU usage between alarm threshold and alarm restore threshold	Average	Sum, Minimum, Maximum
VS_GCU_CPU LOAD_MAX	hua_processor_gcu_tab.suihniturp2ahrhr0035xvpkr0	INTEGER	%	Maximum CPU usage of GCU	Average	Sum, Minimum, Maximum
VS_GCU_CPU LOAD_MEAN	hua_processor_gcu_tab.suihnivurp2ahrhr0035xvpkr0	FLOAT	%	Average CPU usage of GCU	Average	Sum, Minimum, Maximum
VS_GCU_CPU LOAD_OVER	hua_processor_gcu_tab.suihnixurp2ahrhr0035xvpkr0	INT8	%	Percentage of GCU CPU usage over alarm threshold	Average	Sum, Minimum, Maximum
VS_GCU_MSG LOAD_MAX	hua_processor_gcu_tab.suihnj2urp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximu	Average	Sum, Minimum,

				m message usage of GCU		Maximum
VS_GCU_MSG LOAD_MEAN	hua_processor_gcu_tab.suihnj4urp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average message usage of GCU	Average	Sum, Minimum, Maximum

6.40.5 Processor.Huawei.UMTS.HPU

HPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LessCPULoad_HPU	hua_processor_hpu_tab.ranus066e3bxgbomb6n3yjwb2q	FLOAT	%	Obsolete from UTRAN/V200 R010:Number of times CPU usage of WHPU ranges between alarm restoration threshold and alarm threshold.	Average	Sum, Minimum, Maximum
VS_MaxCPUUtil_HPU	hua_processor_hpu_tab.tqc2e5fbwfccysjdic04a2onof	FLOAT	%	Obsolete from UTRAN/V200 R010:Maximum WHPU CPU utilization in a measurement period.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_HPU	hua_processor_hpu_tab.uian0ulod6bfjuvgquboo06qxj	FLOAT	%	Obsolete from UTRAN/V200 R010:Mean WHPU CPU utilization in a measurement period	Average	Sum, Minimum, Maximum
VS_OverCPULoad_HPU	hua_processor_hpu_tab.vg4iqra51mb5acvyvvwnr64q	FLOAT	%	Obsolete from UTRAN/V200	Average	Sum, Minimu

	36			R010:Number of times CPU usage of WHPU exceeds alarm threshold.		m, Maximum

6.40.6 Processor.Huawei.UMTS.INTERWORKING

Interworking between protocols

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_INTERWORKING_AAL2TOUOIP	hua_interworking_tab.suihno6urp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900 R011:AAL2 to UOIP	Average	Sum, Minimum, Maximum
VS_INTERWORKING_AAL5TOUOIP	hua_interworking_tab.suihnodurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900 R011:AAL5 to UOIP	Average	Sum, Minimum, Maximum
VS_INTERWORKING_GTPUTOUOIP	hua_interworking_tab.suihnolurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900 R011:GTPU to UOIP	Average	Sum, Minimum, Maximum
VS_INTERWORKING_SCTPTOUOIP	hua_interworking_tab.suihnopurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900 R011:SCTP to UOIP	Average	Sum, Minimum, Maximum
VS_INTERWORKING_UDPTOUOIP	hua_interworking_tab.suihnohurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900 R011:UDP to UOIP	Average	Sum, Minimum, Maximu

						m
VS_INTERWORKING_UOIPTOAAL2	hua_interworking_tab.suihnoburp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:UOIP to AAL2	Average	Sum, Minimum, Maximum
VS_INTERWORKING_UOIPTOAAL5	hua_interworking_tab.suihnofurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:UOIP to AAL5	Average	Sum, Minimum, Maximum
VS_INTERWORKING_UOIPTOGTPU	hua_interworking_tab.suihnonurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:UOIP to GTPU	Average	Sum, Minimum, Maximum
VS_INTERWORKING_UOIPTOSCTP	hua_interworking_tab.suihnorurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:UOIP to SCTP	Average	Sum, Minimum, Maximum
VS_INTERWORKING_UOIPTOUDP	hua_interworking_tab.suihnojurp2ahrhr0035xvpkr0	INT8	#	Obsolete from UTRAN/V900R011:UOIP to UDP	Average	Sum, Minimum, Maximum

6.40.7 Processor.Huawei.UMTS.INT

INT data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_INT_CPULOAD_LESS	hua_processor_int_tab.rpwvgxp34h2aispab035y0hf3v	INT8	#	Rate of the Period in which the CPU usage of the INT is lower than the Alarm Threshold	Sum	

VS_INT_CPULOAD_MAX	hua_processor_int_tab.rpwvgxj34h2aispab035y0hf3v	INT8	#	Maximum CPU usage of the INT	Sum	
VS_INT_CPULOAD_MEAN	hua_processor_int_tab.rpwvgxl34h2aispab035y0hf3v	FLOAT	#	Average CPU usage of the INT	Sum	
VS_INT_CPULOAD_OVER	hua_processor_int_tab.rpwvgxn34h2aispab035y0hf3v	INT8	#	Rate of the Period in which the CPU usage of the INT exceeds the Alarm Threshold	Sum	

6.40.8 Processor.Huawei.UMTS.LPU

LPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MaxCPUUtil_LPU	hua_processor_lpu_tab.wuilujhdp0ccsdbifbm5lvmiop	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum CPU Usage of WLPU.	Constant	Sum, Minimum, Maximum
VS_MaxMEMUtil_LPU	hua_processor_lpu_tab.w22563bjavckbrss2a1sj2b3ul	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum Memory Usage of WLPU.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_LPU	hua_processor_lpu_tab.tb3fkhfvc5cuatlepwy3vyssne	FLOAT	#	Obsolete from UTRAN/V200R010:Average CPU Usage of WLPU.	Average	Sum, Minimum, Maximum

VS_MeanMEMUtil_LPU	hua_processor_lpu_tab.y1jyjl4btocjxsjw1eaad5o6s1	FLOAT	#	Obsolete from UTRAN/V200R010:Average Memory Usage of WLPU.	Average	Sum, Minimum, Maximum
VS_OverCPULoad_LPU	hua_processor_lpu_tab.y41upyevpcbe3e1ve54re0ssu4	FLOAT	#	Obsolete from UTRAN/V200R010:Number of Times CPU Usage Exceeds Alarm Threshold.	Average	Sum, Minimum, Maximum

6.40.9 Processor.Huawei.UMTS.MPU

MPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MaxCPUUtil_MPU	hua_processor_mpu_tab.w3a6m2qv1ube0r5t531sp4dffn	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum WMPU CPU Utilization.	Constant	Sum, Minimum, Maximum
VS_MaxMEMUtil_MPU	hua_processor_mpu_tab.wfcq2xloarcd6boqkq6xfbv264	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum Memory Utilization rate of MPU.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_MPU	hua_processor_mpu_tab.vbn36exuw0bffr32fitdo6ihpp	FLOAT	#	Obsolete from UTRAN/V200R010:Mean WMPU CPU Utilization.	Average	Sum, Minimum, Maximum
VS_MeanMEMUtil_MPU	hua_processor_mpu_tab.ywnr3lx4wxbc2dp1t63pd65oh4	FLOAT	#	Obsolete from UTRAN/V200R010:Memory Utilization rate of MPU.	Average	Sum, Minimum, Maximum

VS_MPU_CPU LOAD_LESS	hua_processor_mpu_tab.suihnp0urp2ahrhr0035xvpkr0	INT8	%	Obsolete from UTRAN/V900 R011:Percentage of MPU CPU usage between alarm threshold and alarm restore threshold	Average	Sum, Minimum, Maximum
VS_MPU_CPU LOAD_MAX	hua_processor_mpu_tab.suihnoturp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum CPU usage of MPU	Average	Sum, Minimum, Maximum
VS_MPU_CPU LOAD_MEAN	hua_processor_mpu_tab.suihnovurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average CPU usage of MPU	Average	Sum, Minimum, Maximum
VS_MPU_CPU LOAD_OVER	hua_processor_mpu_tab.suihnoxurp2ahrhr0035xvpkr0	INT8	%	Obsolete from UTRAN/V900 R011:Percentage of MPU CPU usage over alarm threshold	Average	Sum, Minimum, Maximum
VS_MPU_DOS MEM_MAX	hua_processor_mpu_tab.suihnp2urp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum usage of dynamic memory of MPU	Average	Sum, Minimum, Maximum
VS_MPU_DOS MEM_MEAN	hua_processor_mpu_tab.suihnp4urp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average dynamic memory usage	Average	Sum, Minimum, Maximum

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				of MPU		
VS_MPU_MBUFLOAD_MAX	hua_processor_mpu_tab.suihnpdurp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900R011:Maximum MBUF usage of MPU	Average	Sum, Minimum, Maximum
VS_MPU_MBUFLOAD_MEAN	hua_processor_mpu_tab.suihnpfurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Average MBUF usage of MPU	Average	Sum, Minimum, Maximum
VS_MPU_MSGLOAD_MAX	hua_processor_mpu_tab.suihnp6urp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900R011:Maximum message usage of MPU	Average	Sum, Minimum, Maximum
VS_MPU_MSGLOAD_MEAN	hua_processor_mpu_tab.suihnpburp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900R011:Average message usage of MPU	Average	Sum, Minimum, Maximum
VS_OverCPULoad_MPU	hua_processor_mpu_tab.xdyfcyhvs4cosrnlbitmrfwfit	FLOAT	#	Obsolete from UTRAN/V200R010:CPUUtil Overload Times.	Average	Sum, Minimum, Maximum
VS_PSLoad_DLThruput_MPU	hua_processor_mpu_tab.suihnpjurp2ahrhr0035xvpkr0	FLOAT	Kbps	DL traffic of PS domain in MPU	Average	Sum, Minimum, Maximum
VS_PSLoad_ULThruput_MPU	hua_processor_mpu_tab.suihnphurp2ahrhr0035xvpkr0	FLOAT	Kbps	UL traffic of PS domain in MPU	Average	Sum, Minimum, Maximum

6.40.10Processor.Huawei.UMTS.MUX

MUX data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
CFG_INTERWORKING_FAIL_NUM_MUX	hua_processor_mux_tab.xlsny1dlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of failed interworking configuration attempts of the MUX.	Sum	
CFG_INTERWORKING_NUM_MUX	hua_processor_mux_tab.xlsny1blui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of interworking configuration attempts of the MUX.	Sum	
VS_CPUUtil_MUX_DENO	hua_processor_mux_tab.u65r6vfmivb6be6h2p2rliuxhx	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_CPUUtil_MUX_NUM	hua_processor_mux_tab.y0wbelcaefclodylmqxi2wjgtd	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_LessCPULoad_MUX	hua_processor_mux_tab.wid1itgak2csir4viwwla3dg1x	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum
VS_MaxCPUUtil_MUX	hua_processor_mux_tab.x53cr1t4rmbjotuaywftbbsyhb	FLOAT	%	Obsolete from UTRAN/V900 R011:Maximum WMUX	Constant	Sum, Minimum, Maximu

				CPU utilization in a measurement period.		m
VS_MeanCPUUtil_MUX	hua_processor_mux_tab.uy41gowxqwbgts1ujbwcjjdae1	FLOAT	%	Obsolete from UTRAN/V900R011:Mean WMUX CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_OverCPULoad_MUX	hua_processor_mux_tab.t4s1f14lmhcattnajwwgssup36	FLOAT	%	Obsolete from UTRAN/V900R011:No description available.	Average	Sum, Minimum, Maximum

6.40.11Processor.Huawei.UMTS.NET

NET data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MaxCPUUtil_NET	hua_processor_net_tab.wrvv0m30e1b0ds1p0fwxwj2v14	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum CPU Usage of WNET.	Constant	Sum, Minimum, Maximum
VS_MaxMEMUtil_NET	hua_processor_net_tab.yqiwlf6vctbjve5ksm3rmiodet	FLOAT	#	Obsolete from UTRAN/V200R010:Maximum Memory Usage of WNET.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_NET	hua_processor_net_tab.rpu54pkpgpcuts3xfhlhhs5hvr	FLOAT	#	Obsolete from UTRAN/V200R010:Average CPU Usage of WNET.	Average	Sum, Minimum, Maximum
VS_MeanMEMUtil_NET	hua_processor_net_tab.vdnvpqhbvkcagsacevilu31oax	FLOAT	#	Obsolete from UTRAN/V200	Average	Sum, Minimu

				R010:Average Memory Usage of WNET.		m, Maximum
VS_OverCPULoad_NET	hua_processor_net_tab.tnukrjqcwxc4qt2i6m2cxg56pp	FLOAT	#	Obsolete from UTRAN/V200 R010:Number of Times CPU Usage Exceeds Alarm Threshold.	Average	Sum, Minimum, Maximum

6.40.12Processor.Huawei.UMTS.PIU

PIU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PIU_CFG_INTERWORKING_FAIL_NUM	hua_processor_piu_tab.xlsnyb0lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of failed interworking configuration attempts of the PIU	Sum	
VS_PIU_CFG_INTERWORKING_NUM	hua_processor_piu_tab.xlsnyaxlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of interworking configuration attempts of the PIU	Sum	
VS_PIU_CPULOAD_LESS	hua_processor_piu_tab.wkqjshbsek2ahrhqj035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Percentage of PIU CPU usage between	Average	Sum, Minimum, Maximum

				alarm threshold and alarm restore threshold		
VS_PIU_CPULOAD_MAX	hua_processor_piu_tab.wkqjshdsek2ahrhqj035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Maximum PIU CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_PIU_CPULOAD_MEAN	hua_processor_piu_tab.wkqjshfsek2ahrhqj035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Mean PIU CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_PIU_CPULOAD_OVER	hua_processor_piu_tab.wkqjshhsek2ahrhqj035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Percentage of PIU CPU usage over alarm threshold.	Average	Sum, Minimum, Maximum
VS_PIU_MSGLOAD_MAX	hua_processor_piu_tab.suihnj6urp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum message usage of PIU	Average	Sum, Minimum, Maximum
VS_PIU_MSGLOAD_MEAN	hua_processor_piu_tab.suihnjburp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average message usage of PIU	Average	Sum, Minimum, Maximum

6.40.13Processor.Huawei.UMTS.SCU

SCU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SCU_CPU LOAD_LESS	hua_processor_scu_tab.wkqjsghsek2ahrhqj035xvpkr0	FLOAT	%	Percentage of SCU CPU usage between alarm threshold and alarm restore threshold.	Average	Sum, Minimum, Maximum
VS_SCU_CPU LOAD_MAX	hua_processor_scu_tab.wkqjsgjsek2ahrhqj035xvpkr0	FLOAT	%	Maximum CPU Usage of SCU.	Average	Sum, Minimum, Maximum
VS_SCU_CPU LOAD_MEAN	hua_processor_scu_tab.wkqjsglsek2ahrhqj035xvpkr0	FLOAT	%	Average CPU usage of SCU.	Average	Sum, Minimum, Maximum
VS_SCU_CPU LOAD_OVER	hua_processor_scu_tab.wkqjsgnsek2ahrhqj035xvpkr0	FLOAT	%	Percentage of SCU CPU usage over alarm threshold.	Average	Sum, Minimum, Maximum
VS_SCU_MSG LOAD_MAX	hua_processor_scu_tab.suihnbjurp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum msg usage of SCU	Average	Sum, Minimum, Maximum
VS_SCU_MSG LOAD_MEAN	hua_processor_scu_tab.suihnblurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average msg usage of SCU	Average	Sum, Minimum, Maximum

6.40.14Processor.Huawei.UMTS.SPU_V200

SPU CPU on V200

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CSLoad_Erlang_Equiv_SPU	hua_processor_spu_v200_tab.suihn0xurp2ahrhr0035xvpkr0	FLOAT	Erlang	Equivalent erlang values of all services in the cs domain of the SPU.	Average	Sum, Minimum, Maximum
VS_SPU_CPULOAD_LESS	hua_processor_spu_v200_tab.suihn16urp2ahrhr0035xvpkr0	INT8	%	Obsolete from UTRAN/V900 R011:Percentage of SPU CPU usage between alarm threshold and alarm restore threshold.	Average	Sum, Minimum, Maximum
VS_SPU_CPULOAD_MAX	hua_processor_spu_v200_tab.suihn10urp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum CPU utilizations of a WSPU subsystem.	Average	Sum, Minimum, Maximum
VS_SPU_CPULOAD_MEAN	hua_processor_spu_v200_tab.suihn12urp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Mean CPU utilizations of a WSPU subsystem.	Average	Sum, Minimum, Maximum
VS_SPU_CPULOAD_OVER	hua_processor_spu_v200_tab.suihn14urp2ahrhr0035xvpkr0	INT8	%	Obsolete from UTRAN/V900 R011:Percentage of SPU CPU usage over alarm threshold.	Average	Sum, Minimum, Maximum

VS_SPU_DOS MEM_MAX	hua_processor_spu_v200_tab.suihn1burp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum DOS memory utilizations of a WSPU subsystem.	Average	Sum, Minimum, Maximum
VS_SPU_DOS MEM_MEAN	hua_processor_spu_v200_tab.suihn1durp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Mean DOS memory utilizations of a WSPU subsystem.	Average	Sum, Minimum, Maximum
VS_SPU_MBU FLOAD_MAX	hua_processor_spu_v200_tab.suihn1jurp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum MBUF usage of the SPU subsystem	Average	Sum, Minimum, Maximum
VS_SPU_MBU FLOAD_MEAN	hua_processor_spu_v200_tab.suihn1lurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average MBUF usage of the SPU subsystem	Average	Sum, Minimum, Maximum
VS_SPU_MSG LOAD_MAX	hua_processor_spu_v200_tab.suihn1furp2ahrhr0035xvpkr0	INTEGER	%	Obsolete from UTRAN/V900 R011:Maximum message memory usage of the SPU subsystem	Average	Sum, Minimum, Maximum
VS_SPU_MSG LOAD_MEAN	hua_processor_spu_v200_tab.suihn1hurp2ahrhr0035xvpkr0	FLOAT	%	Obsolete from UTRAN/V900 R011:Average message usage	Average	Sum, Minimum, Maximu

				of the SPU subsystem		m

6.40.15Processor.Huawei.UMTS.SPU

SPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CSLoad_Erlang_Equiv_SPU	hua_processor_spu_tab.ydovrhq1kxbapsw44uuva2ncor	FLOAT	Erlang	Equivalent Erlang values of all services in the CS domain of the SPU.	Average	Sum, Minimum, Maximum
VS_HSDPA_RAB_AttEstab_SPU	hua_processor_spu_tab.xlsny3flui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of HSDPA RAB requests in the SPU subsystem.	Sum	
VS_HSDPA_RAB_SuccEstab_SPU	hua_processor_spu_tab.xlsny3hlui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of HSDPA RABs set up in the SPU subsystem.	Sum	
VS_HSUPA_RAB_AttEstab_SPU	hua_processor_spu_tab.xlsny3jlui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of HSUPA RAB requests in the SPU subsystem.	Sum	
VS_HSUPA_RAB_SuccEstab_	hua_processor_spu_tab.xlsny3llui2aidkrb02ofawjhk	INTEGER	#	This measurement	Sum	

SPU				counter provides the number of HSUPA RABs set up in the SPU subsystem.		
VS_LessCPULoad_SPU	hua_processor_spu_tab.v5a2l3n6kqclcc3erajvwo3li3	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum
VS_MaxCPUUtil_SPU	hua_processor_spu_tab.umnh2c3bhwcn5rywqea0oiey1o	FLOAT	%	Obsolete from UTRAN/V900 R011:This item provides the maximum CPU utilizations of a WSPU subsystem.	Constant	Sum, Minimum, Maximum
VS_MaxMEMUtil_SPU	hua_processor_spu_tab.tjcschvesocuxu3qo2clrxc1kc	FLOAT	%	Obsolete from UTRAN/V900 R011:This item provides the maximum DOS memory utilizations of a WSPU subsystem.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_SPU	hua_processor_spu_tab.xc52enqnjpcgdt1tlyuwlhwnbn	FLOAT	%	Obsolete from UTRAN/V900 R011:This item provides the mean CPU utilizations of a WSPU subsystem	Average	Sum, Minimum, Maximum
VS_MeanMEMUtil_SPU	hua_processor_spu_tab.r5grn0dg6icn5bl0lbr3uhackh	FLOAT	%	Obsolete from UTRAN/V900	Average	Sum, Minimu

				R011:This item provides the mean DOS memory utilizations of a WSPU subsystem.		m, Maximum
VS_OverCPULoad_SPU	hua_processor_spu_tab.s1xjq4jymuc2xrsmem0hlqe6os	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum
VS_PSLoad_DLThruput_SPU	hua_processor_spu_tab.vhq02tom5gceqc0ue0c1towojm	FLOAT	%	Obsolete from UTRAN/V900 R011:Downlink traffic of all services in the PS domain of the SPU.	Average	Sum, Minimum, Maximum
VS_PSLoad_ULThruput_SPU	hua_processor_spu_tab.vvq00rj43xbpncavhdwudvftqa	FLOAT	%	Obsolete from UTRAN/V900 R011:Uplink traffic of all services in the PS domain of the SPU.	Average	Sum, Minimum, Maximum
VS_RAB_AttEstab_AMR_SPU	hua_processor_spu_tab.xlsny34lui2aidkrb02ofawjhk	INTEGER	#	The measurement items provide the number of RABs requested to establish in the SPU subsystem according to different types of services - AMR.	Sum	
VS_RAB_AttEstabPS_SPU	hua_processor_spu_tab.xlsny3nlui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of PS	Sum	

				RAB requests in the SPU subsystem.		
VS_RAB_AttEstCS_Conv_64_SPU	hua_processor_spu_tab.xlsny3blui2aidkrb02ofawjhk	INTEGER	#	The measurement items provide the number of RABs requested to establish in the SPU subsystem according to different types of services - Conv 64.	Sum	
VS_RAB_Rel_Abnorm_AMR_SPU	hua_processor_spu_tab.xlsny3rlui2aidkrb02ofawjhk	INTEGER	#	These measurement counters provide the number of RAB abnormal releases triggered by the RNC in the SPU subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.	Sum	
VS_RAB_Rel_Abnorm_CS_Conv64K_SPU	hua_processor_spu_tab.xlsny3vlui2aidkrb02ofawjhk	INTEGER	#	These measurement counters provide the	Sum	

				number of RAB abnormal releases triggered by the RNC in the SPU subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.		
VS_RAB_Rel_Abnorm_PS_SPU	hua_processor_spu_tab.xlsny40lui2aidkrb02ofawjhk	INTEGER	#	These measurement counters provide the number of RAB abnormal releases triggered by the RNC in the SPU subsystem on the basis of domain type and service attribute. The abnormal release here refers to all RAB releases except the one made by the RNC normally.	Sum	
VS_RAB_Rel_Norm_AMR_SPU	hua_processor_spu_tab.xlsny3tlui2aidkrb02ofawjhk	INTEGER	#	Number of RABs normally released for AMR services in the SPU subsystem.	Sum	

VS_RAB_Rel_Norm_CS_Conv64K_SPU	hua_processor_spu_tab.xlsny3xlui2aidkrb02ofawjhk	INTEGER	#	Number of CS RABs normally released for 64kbit/s services in the SPU subsystem.	Sum	
VS_RAB_Rel_Norm_PS_SPU	hua_processor_spu_tab.xlsny42lui2aidkrb02ofawjhk	INTEGER	#	Number of PS RABs normally released in the SPU subsystem.	Sum	
VS_RAB_SuccEstab_AMR_SPU	hua_processor_spu_tab.xlsny36lui2aidkrb02ofawjhk	INTEGER	#	Number of CS RABs successfully established on request for voice services in the SPU subsystem.	Sum	
VS_RAB_SuccEstabPS_SPU	hua_processor_spu_tab.xlsny3plui2aidkrb02ofawjhk	INTEGER	#	This measurement counter provides the number of PS RABs set up in the SPU subsystem.	Sum	
VS_RAB_SuccEstCS_Conv_64_SPU	hua_processor_spu_tab.xlsny3dlui2aidkrb02ofawjhk	INTEGER	#	Number of CS RABs successfully established on request for 64kbit/s conversational services in the SPU subsystem.	Sum	
VS_RRC_AttConnEstab_SPU	hua_processor_spu_tab.xlsny30lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides	Sum	

				the number of RRC CONNECTION REQUEST messages processed by the RNC in the SPU subsystem.		
VS_RRC_SuccConnEstab_SPU	hua_processor_spu_tab.xlsny32lui2aidkrb02ofawjhk	INTEGER	#	This measurement item provides the number of successful RRC connection setups in the SPU subsystem.	Sum	

6.40.16Processor.Huawei.UMTS.WFMR

WFMR data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
CFG_INTERWORKING_FAIL_NUM_FMR	hua_processor_wfmr_tab.xlsnxrflui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900R011:Number of failed interworking configuration attempts of the FMR.	Sum	
CFG_INTERWORKING_NUM_FMR	hua_processor_wfmr_tab.xlsnxrdlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900R011:Number of interworking configuration attempts of the FMR.	Sum	
VS_CPUUtil_FMR_DENO	hua_processor_wfmr_tab.urmufewfxlbaetri0uvwipigjy	INTEGER	#	Obsolete from UTRAN/V900R011:No	Sum	

				description available.		
VS_CPUUtil_FMR_NUM	hua_processor_wfmr_tab.t6xnhjyyg2bups6fp2lrajf2ov	INTEGER	#	Obsolete from UTRAN/V900 R011:No description available.	Sum	
VS_LessCPULoad_FMR	hua_processor_wfmr_tab.w1ofrdrjihb3uex1wcxl415u46	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum
VS_MaxCPUUtil_FMR	hua_processor_wfmr_tab.yvv4tcf3dpcbvcffvhtuipn6o1	FLOAT	%	Obsolete from UTRAN/V900 R011:Maximum WFMR CPU utilization in a measurement period.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_FMR	hua_processor_wfmr_tab.sfb5g0auc1clwueeulr35o5ax5	FLOAT	%	Obsolete from UTRAN/V900 R011:Mean WFMR CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_OverCPULoad_FMR	hua_processor_wfmr_tab.ukkfhjfockb5guunlybweum6g0	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum

6.40.17Processor.Huawei.UMTS.XIE

XIE data

KPI Name	Expression	Data	Units	Description	Default	Other

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

		Type			Aggregator	Aggregators
CFG_INTERWORKING_FAIL_NUM_INT	hua_processor_xie_tab.xlsnxt0lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of failed interworking configuration attempts of the WXIE.	Sum	
CFG_INTERWORKING_NUM_INT	hua_processor_xie_tab.xlsnxsxlui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900 R011:Number of interworking configuration attempts of the WXIE.	Sum	
VS_LessCPULoad_INT	hua_processor_xie_tab.um0gxbt262cfgbjanub5cq6pf6	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum
VS_MaxCPUUtil_INT	hua_processor_xie_tab.wxwufln3kuctre4g3ynv101ftn	FLOAT	%	Obsolete from UTRAN/V900 R011:Maximum WXIE CPU utilization in a measurement period.	Constant	Sum, Minimum, Maximum
VS_MeanCPUUtil_INT	hua_processor_xie_tab.ue1olo05qbcnrb23ebi62342gu	FLOAT	%	Obsolete from UTRAN/V900 R011:Mean WXIE CPU utilization in a measurement period.	Average	Sum, Minimum, Maximum
VS_OverCPULoad_INT	hua_processor_xie_tab.yaamiff5kfb0dro0tfuucyxnw2	FLOAT	%	Obsolete from UTRAN/V900 R011:No description available.	Average	Sum, Minimum, Maximum

6.40.18Processor.Huawei.UMTS.XPU

XPU data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_XPU_CPU LOAD_LESS	hua_processor_xpu_tab.rpwvgxh34h2aispab035y0hf3v	INT8	#	Rate of the Period in which the CPU usage of the XPU is lower than the Alarm Threshold	Sum	
VS_XPU_CPU LOAD_MAX	hua_processor_xpu_tab.rpwvgxb34h2aispab035y0hf3v	INT8	#	Maximum CPU usage of the XPU	Sum	
VS_XPU_CPU LOAD_MEAN	hua_processor_xpu_tab.rpwvgxd34h2aispab035y0hf3v	FLOAT	#	Average CPU usage of the XPU	Sum	
VS_XPU_CPU LOAD_OVER	hua_processor_xpu_tab.rpwvgxf34h2aispab035y0hf3v	INT8	#	Rate of the Period in which the CPU usage of the XPU exceeds the Alarm Threshold	Sum	

6.41 QosQueue Performance Indicators

- QosQueue.Huawei.UMTS.QosQueue

6.41.1 QosQueue.Huawei.UMTS.QosQueue

**Block obsolete in V200R010. QosQueue measurement.

KPI Name	Expression	Data	Units	Description	Default	Other

		Type			Aggregator	Aggregators
VS_IP_ByteTxQosQueue	hua_qosqueue_qq_tab.ub2wgxbiyy2ahdha0035xkcuc6	INT8	bytes	Obsolete from UTRAN/V200R010:Number of bytes sent by a QosQueue in a measurement period.	Sum	
VS_IP_PktDropQosQueue	hua_qosqueue_qq_tab.ub2wgxhiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:Number of packages dropped by a QosQueue in a measurement period.	Sum	
VS_IP_PktTxQosQueue	hua_qosqueue_qq_tab.ub2wgxpiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V200R010:Number of packages sent by a QosQueue in a measurement period.	Sum	

6.42 RNC Performance Indicators

- RNC.Huawei.UMTS.AMR_RNC
- RNC.Huawei.UMTS.AMR_WB_RNC
- RNC.Huawei.UMTS.DL_Inter_PS
- RNC.Huawei.UMTS.Hard_HO_RNC
- RNC.Huawei.UMTS.HSDPA_aggregated_from_cell
- RNC.Huawei.UMTS.HSUPA_aggregated_from_cell
- RNC.Huawei.UMTS.IMS_Statistics
- RNC.Huawei.UMTS.InterRAT_HO_CS_RNC
- RNC.Huawei.UMTS.InterRAT_HO_PS_RNC
- RNC.Huawei.UMTS.InterRAT_HO_SRNS_Relocation
- RNC.Huawei.UMTS.Location_Cell_Services_RNC
- RNC.Huawei.UMTS.MultiRab_RNC
- RNC.Huawei.UMTS.Paging_RNC
- RNC.Huawei.UMTS.PDCP_Statistics
- RNC.Huawei.UMTS.PDCPGTPU_Measurement

- RNC.Huawei.UMTS.RAB_Abnorm_Release_CS_RNC
- RNC.Huawei.UMTS.RAB_AttRelPS_RNC
- RNC.Huawei.UMTS.RAB_Establish_AMR_RNC
- RNC.Huawei.UMTS.RAB_Establish_CS_RNC
- RNC.Huawei.UMTS.RAB_Establish_Fail_CS_RNC
- RNC.Huawei.UMTS.RAB_Establish_Fail_PS_RNC
- RNC.Huawei.UMTS.RAB_Establishment_PS_Attempts_RNC
- RNC.Huawei.UMTS.RAB_Establishment_PS_RNC
- RNC.Huawei.UMTS.RAB_Loss_PLMN_RNC
- RNC.Huawei.UMTS.RAB_Modify_CS_RNC
- RNC.Huawei.UMTS.RAB_Modify_PS_RNC
- RNC.Huawei.UMTS.RAB_Release_CMB_RNC
- RNC.Huawei.UMTS.RAB_Release_CS_RNC
- RNC.Huawei.UMTS.RAB_Release_PS_RNC
- RNC.Huawei.UMTS.RB_Usage_CS_Conv_RNC
- RNC.Huawei.UMTS.RB_Usage_CS_Stream_RNC
- RNC.Huawei.UMTS.RB_Usage_DRD_RNC
- RNC.Huawei.UMTS.RB_Usage_PS_Bkg_RNC
- RNC.Huawei.UMTS.RB_Usage_PS_Conv_RNC
- RNC.Huawei.UMTS.RB_Usage_PS_Global_RNC
- RNC.Huawei.UMTS.RB_Usage_PS_Stream_RNC
- RNC.Huawei.UMTS.RLC_Statistics_RNC
- RNC.Huawei.UMTS.RRC_Connection_Setup_RNC
- RNC.Huawei.UMTS.RRC_Release_RNC
- RNC.Huawei.UMTS.RRC_States
- RNC.Huawei.UMTS.Signalling_Messages
- RNC.Huawei.UMTS.Soft_Handover_RNC
- RNC.Huawei.UMTS.SRNS_Relocation_Drift_RNC
- RNC.Huawei.UMTS.SRNS_Relocation_Serving_RNC_Failures
- RNC.Huawei.UMTS.SRNS_Relocation_Serving_RNC
- RNC.Huawei.UMTS.Traffic_category_with_Operator
- RNC.Huawei.UMTS.Traffic_Load
- RNC.Huawei.UMTS.Traffic_R99_HSDPA_HSUPA_MBMS
- RNC.Huawei.UMTS.UL_Inter_PS

6.42.1 RNC.Huawei.UMTS.AMR_RNC

AMR data

KPI Name	Expression	Data Type	Units	Description	Default Aggregat	Other Aggrega

					or	tors
VS_AMR_RB_DL_10_2	hua_rnc_amr_rnc_tab.tdcgmyculdbm3exsgisb3adaad	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_DL_12_2	hua_rnc_amr_rnc_tab.r3m3fj52u0bk1ebf5wifhl1v63	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		
VS_AMR_RB_DL_4_75	hua_rnc_amr_rnc_tab.t0dx1cqfyecrsrwligypk4wxnm	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_AMR_RB_DL_5_15	hua_rnc_amr_rnc_tab.xpn0xh1kv5ctpt6uv6x02v3iiy	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_DL_5_9	hua_rnc_amr_rnc_tab.r5onwg3a1fb40cbtpc4objedv6	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		
VS_AMR_RB_DL_6_7	hua_rnc_amr_rnc_tab.yq4bovfoxrbdsb03l3o5u14eoq	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB	hua_rnc_amr_rnc_tab.s6m	FLOA	#	The mean	Average	hub99psl

_DL_7_4	scl4ntsbg3t3egpwquwxvqq	T		numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_DL_7_95	hua_rnc_amr_rnc_tab.si1ngm6k04bgdbcvrryluyw015	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		
VS_AMR_RB_UL_10_2	hua_rnc_amr_rnc_tab.vve5wuunfmcscejbb3yu4ifr1n	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_UL_12_2	hua_rnc_amr_rnc_tab.u4nxsowtlxcjece43obyalvlpq	FLOAT	#	The mean numbers of UEs	Average	hub99pslbh,

				using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_UL_4_75	hua_rnc_amr_rnc_tab.s4r2ofj6racnur6easvikxates	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		
VS_AMR_RB_UL_5_15	hua_rnc_amr_rnc_tab.tt1ruxm05ybutr6n2lwbrv6gq6	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_UL_5_9	hua_rnc_amr_rnc_tab.yhxs4iw1wqbpls0awrytse32sr	FLOAT	#	The mean numbers of UEs using the	Average	hub99pslbh, hubcslbh,

				variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_UL_6_7	hua_rnc_amr_rnc_tab.vdktwl2idhcvvr10pxtpeb43hg	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		
VS_AMR_RB_UL_7_4	hua_rnc_amr_rnc_tab.xgo5dh42k1cmkdjei1fev52rxu	FLOAT	#	The mean numbers of UEs using the variable-rate AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_RB_UL_7_95	hua_rnc_amr_rnc_tab.slo3qalwmwc0ieh5dvjmcfqmf1	FLOAT	#	The mean numbers of UEs using the variable-rate	Average	hub99pslbh, hubcslbh, hubhsdpa

				AMR speech service in a RNC in the UL and DL directions. The RNC periodically takes a sample of the number of AMR speech UEs at each of the eight UL and DL rates. At the end of the measurement period, the RNC divides the sum of the numbers of AMR speech UEs at one bit rate by the number of samples to get the average number.		bh, hubpslbh, Sum, Minimum, Maximum

6.42.2 RNC.Huawei.UMTS.AMR_WB_RNC

AMR WB RNC data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AMR_WB_RB_DL_12_65	hua_rnc_amrwb_tab.ub2wgp6iyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_W	hua_rnc_amrwb_tab.ub2w	FLOA	#	Mean Number	Average	hub99psl

B_RB_DL_14_25	gpbiyy2ahdha0035xkcuc6	T		of AMR Speech UEs at Different DL Bit Rates		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_15_85	hua_rnc_amrwb_tab.ub2wgpdiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_18_25	hua_rnc_amrwb_tab.ub2wgpfiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_19_85	hua_rnc_amrwb_tab.ub2wgphiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimu

						m, Maximum
VS_AMR_WB_RB_DL_23_05	hua_rnc_amrwb_tab.ub2wgpjiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_23_85	hua_rnc_amrwb_tab.ub2wgpliyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_6_60	hua_rnc_amrwb_tab.ub2wgpniyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_DL_8_85	hua_rnc_amrwb_tab.ub2wgppiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different DL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum,

						Minimum, Maximum
VS_AMR_WB_RB_UL_12_65	hua_rnc_amrwb_tab.ub2wgpriyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_14_25	hua_rnc_amrwb_tab.ub2wgptiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_15_85	hua_rnc_amrwb_tab.ub2wgpviyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_18	hua_rnc_amrwb_tab.ub2wgpxiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech	Average	hub99pslbh,

_25				UEs at Different UL Bit Rates		hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_19_85	hua_rnc_amrwb_tab.ub2wgq0iyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_23_05	hua_rnc_amrwb_tab.ub2wgq2iyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_23_85	hua_rnc_amrwb_tab.ub2wgq4iyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_W	hua_rnc_amrwb_tab.ub2w	FLOA	#	Mean Number	Average	hub99psl

B_RB_UL_6_60	gq6iyy2ahdha0035xkcuc6	T		of AMR Speech UEs at Different UL Bit Rates		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_AMR_WB_RB_UL_8_85	hua_rnc_amrwb_tab.ub2wgqbiyy2ahdha0035xkcuc6	FLOAT	#	Mean Number of AMR Speech UEs at Different UL Bit Rates	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.3 RNC.Huawei.UMTS.DL_Inter_PS

DL Inter PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLInterPS_128_RNC	hua_rnc_dl_inter_ps_tab.v0pk2xflarcycc3xw6s2m54h2r	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

				directions.		
VS_RB_DLInterPS_144_RNC	hua_rnc_dl_inter_ps_tab.uuyoni6d5pcegrrmcx2ytrencg	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_16_RNC	hua_rnc_dl_inter_ps_tab.smthg646glb34ckyap2riysbsb	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_256_RNC	hua_rnc_dl_inter_ps_tab.ycid0fkmfkbrlu45dhmtlb32dp	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_32_RNC	hua_rnc_dl_inter_ps_tab.um0wl1kpexb6cr3tb6q5s3okrv	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/B	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				ACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		, Sum, Minimum, Maximum
VS_RB_DLInterPS_384_RNC	hua_rnc_dl_inter_ps_tab.x3b6tqrsglcwhtgwyidcuf1xbf	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_64_RNC	hua_rnc_dl_inter_ps_tab.t04vewnlqvccvc0bmhpyaa3jp4	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLInterPS_8_RNC	hua_rnc_dl_inter_ps_tab.vqsbeclbutcwns6xmaoxntambp	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

				the UL and DL directions.		m

6.42.4 RNC.Huawei.UMTS.Hard_HO_RNC

Hard Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_HHO_InterFreq_Succ_RNC	100 * {VS_HHO_InterFreq_Succ_RNC}/ {VS_HHO_InterFreq_Att_RNC}	FLOAT	%	Percentage successful inter-frequency hard handovers initiated by the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_HHO_Succ_IntraFreq_RNC	100 * {VS_HHO_Succ_IntraFreq_RNC}/ {VS_HHO_Att_IntraFreq_RNC}	FLOAT	%	Percentage of successful intra-frequency hard handovers initiated by the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_HHO_Succ_RNC	100 * {VS_HHO_Succ_RNC}/ {VS_HHO_Att_RNC}	FLOAT	%	Percentage successful hard handovers initiated by the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
Total_call_drops	{VS_HHO_InterFreq_Drop_RNC} + {VS_HHO_IntraFreq_Drop_RNC}	INTEGER	#	Total number of call drops (intra and inter)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_Att_IntraFreq_RNC	hua_rnc_hard_ho_rnc_tab.ub2wgt6iyy2ahdha0035xkcuc6	INTEGER	#	Number of intra-frequency hard handover requests initiated by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_Att_RNC	hua_rnc_hard_ho_rnc_tab.yvbtlcytfebb3u62afaviqste	INTEGER	#	Number of hard handover	Sum	hub99pslbh,

	0			requests initiated by the RNC.		hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_Eval_RNC	hua_rnc_hard_ho_rnc_tab.vp64wbi63wbdwsdbns4n5vej60	INTEGER	#	Number of hard handover decisions made by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_InterFreq_Att_RNC	hua_rnc_hard_ho_rnc_tab.u6ra6xcaqwb33rpp41ratilbvf	INTEGER	#	Number of inter-frequency hard handover requests initiated by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_InterFreq_Drop_RNC	hua_rnc_hard_ho_rnc_tab.snxdjgc01tbluusadgqgrew0qn	INTEGER	#	Number of call drops due to inter-frequency hard handover failure in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_InterFreq_Succ_RNC	hua_rnc_hard_ho_rnc_tab.rchymrad31crbbehooxme3kb62	INTEGER	#	Number of successful inter-frequency hard handovers initiated by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_IntraFreq_Drop_RNC	hua_rnc_hard_ho_rnc_tab.rrbqoqnk10bdjethtdqrgnuu5s	INTEGER	#	Number of call drops due to intra-frequency hard handover failure in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HHO_Succ_IntraFreq_RNC	hua_rnc_hard_ho_rnc_tab.ub2wgubiyy2ahdha0035xkcuc6	INTEGER	#	Number of successful intra-frequency hard handovers	Sum	hub99pslbh, hubcslbh, hubhsdpa

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				initiated by the RNC.		bh, hubpslbh
VS_HHO_Succ_RNC	hua_rnc_hard_ho_rnc_tab.ridssxoli5c6pd1oaurywqhb5n	INTEGER	#	Number of successful hard handovers initiated by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.5 RNC.Huawei.UMTS.HSDPA_aggregated_from_cell

HSDPA data aggregated from cell level.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_HSDPA_MACD_AbnormRel	hua_rnc_hsdpa_aggfrcell_tab.xbhn04h46rcm6drjoqjhsediri	INTEGER	#	Obsolete from UTRAN/V900R011:Number of MAC-D flows released abnormally in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MACD_Mean_Cell	hua_rnc_hsdpa_aggfrcell_tab.wnhderxjc4b2edugxvuh0isrwu	FLOAT	#	Mean number of MAC-D flows in a cell.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MACD_Rel	hua_rnc_hsdpa_aggfrcell_tab.typihon65ubjtei4ygny3omqcv	INTEGER	#	Number of MAC-D flows released in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_HSDPA_MACDFailDelPerCell	hua_rnc_hsdpa_aggfrcell_tab.y0murn6l4rb33u2oecfpqo6xb3	INTEGER	#	Number of unsuccessful HSDPA service deletions in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MACDFailStpPerCell	hua_rnc_hsdpa_aggfrcell_tab.rckdc6tedmbxmcydwynld3sb2y	INTEGER	#	Number of unsuccessful HSDPA service setups in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MACDSuccDelPerCell	hua_rnc_hsdpa_aggfrcell_tab.uttio2djbgc3xutcrfhqmh0bbh	INTEGER	#	Number of successful HSDPA service deletions in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MACDSuccStpPerCell	hua_rnc_hsdpa_aggfrcell_tab.t21w1sa5dpcmttffpbld3a6uyf	INTEGER	#	Number of successful MAC-d Flow setups in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MeanChThroughput_Times	hua_rnc_hsdpa_aggfrcell_tab.utyhoawukvbwee40vebkct11qo	FLOAT	#	Mean throughput of MAC-D flows in a cell. Times	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MeanChThroughput_TotalBytes	hua_rnc_hsdpa_aggfrcell_tab.sn24ycijw5blodv6wsgosgncok	FLOAT	#	Mean throughput of MAC-D	Average	hub99pslbh, hubcslbh,

				flows in a cell.Total bytes		hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MeanChThroughput	hua_rnc_hsdpa_aggfrcell_tab.xtv5vj3ldmceusaj4ds4ysra1d	FLOAT	kbs	Mean throughput of MAC-D flows in a cell.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MeanCopperBeChThroughput_TotalBytes	hua_rnc_hsdpa_aggfrcell_tab.yearpsrupw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes transmitted in MAC-d flow of copper BE traffic	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MeanCopperBeChThroughput	hua_rnc_hsdpa_aggfrcell_tab.yearpspupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of copper BE traffic	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MeanGoldenBeChThroughput_TotalBytes	hua_rnc_hsdpa_aggfrcell_tab.yearpsjupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes transmitted in MAC-d flow of golden BE	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				traffic		
VS_HSDPA_MeanGoldenBeChThroughput	hua_rnc_hsdpa_aggfrcell_tab.yearpshupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of golden BE traffic	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_MeanSilverBeChThroughput_TotalBytes	hua_rnc_hsdpa_aggfrcell_tab.yearpsnupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes transmitted in MAC-d flow of silver BE traffic	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_MeanSilverBeChThroughput	hua_rnc_hsdpa_aggfrcell_tab.yearpslupw2ahrhr0035xvpkr0	FLOAT	Kbps	Average throughput of MAC-d flow of silver BE traffic	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPA_RAB_AttEstab_BE_Copper	hua_rnc_hsdpa_aggfrcell_tab.yearqbhupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for copper-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_HSDPA_RAB_AttEstab_BE_Golden	hua_rnc_hsdpa_aggfrcell_tab.ufjtsx502x2ahsr1b035yijpvo	INTEGER	#	Number of HSDPA RAB Establishment Attempts of BE Service for Golden-Level Users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_AttEstab_BE_Silver	hua_rnc_hsdpa_aggfrcell_tab.yearqbfupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSDPA RAB establishment attempts of be service for silver-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_AttEstab	hua_rnc_hsdpa_aggfrcell_tab.sn600rfo2jcairwbdgaxi3rbgw	INTEGER	#	Number of requests to set up the HSDPA service in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_Loss_Abnorm_NonRF	hua_rnc_hsdpa_aggfrcell_tab.rykiypea64bjdt4254evyqwwyq	INTEGER	#	Number of HSDPA Service Abnormal Released due to Different Cause in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_Loss_InActivity	hua_rnc_hsdpa_aggfrcell_tab.yykk2yafh6cicbrdhnxh30hpm5	INTEGER	#	Number of HSDPA Service Released due to User Inactivity in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_Loss_Norm	hua_rnc_hsdpa_aggfrcell_tab.t1uyycknpobwouadswmckv1uc3	INTEGER	#	Number of HSDPA Service	Sum	hub99pslbh, hubcslbh,

				Nomal Released in a cell.		hubhsdpabh, hubpslbh
VS_HSDPA_RAB_Loss_RF	hua_rnc_hsdpa_aggfrcell_tab.x4u12vfeyecgvdi02lhfxfaje3	INTEGER	#	Number of HSDPA Service Abnormal Released due to Iu/RAB cause : - Radio Connection With UE Lost - Failure in the Radio Interface Procedure.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_SuccEstab_BE_Copper	hua_rnc_hsdpa_aggfrcell_tab.yearqblupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSDPA RAB establishments of be service for copper-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_SuccEstab_BE_Golden	hua_rnc_hsdpa_aggfrcell_tab.ufjtsxa02x2ahsr1b035yijpvo	INTEGER	#	Number of Successful HSDPA RAB Establishments of BE Service for Golden-Level Users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_SuccEstab_BE_Silver	hua_rnc_hsdpa_aggfrcell_tab.yearqbjupw2ahrhr0035	INTEGER	#	Number of successful	Sum	hub99pslbh,

	xvpkr0			HSDPA RAB establishments of be service for silver-level users		hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_RAB_SuccEstab	hua_rnc_hsdpa_aggfrcell_tab.xbnrguh1jab6cb5lbxe6npisk3	INTEGER	#	Number of successful setups of the HSDPA service in each cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSDPA_UE_Mean_Cell	hua_rnc_hsdpa_aggfrcell_tab.w54td33tqecoismj3ht5kuvtwf	FLOAT	#	This item provides the average number of UEs in CELL_HSDPA state in a cell.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.6 RNC.Huawei.UMTS.HSUPA_aggregated_from_cell

HSUPA data aggregated from cell

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
HSUPA_MACDFailDelPerCell	hua_rnc_hsupa_aggfrcell_tab.ruwxmbrjg32ahdhaj035xkcuc6	INTEGER	#	Number of failures to delete EDCH MACD FLOW in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_MACDFailStpPerCell	hua_rnc_hsupa_aggfrcell_tab.ruwxmbtjg32ahdhaj035xkcuc6	INTEGER	#	Number of failures of the RNC to set up	Sum	hub99pslbh, hubcslbh, hubhsdpa

				EDCH MACD FLOW in a cell.		bh, hubpslbh
HSUPA_MACDSuccDelPerCell	hua_rnc_hsupa_aggfrcell_tab.ruwxmbvjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to delete EDCH MACD FLOW from a UE in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_MACDSuccStpPerCell	hua_rnc_hsupa_aggfrcell_tab.ruwxmbxjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts of the RNC to set up the EDCH MACD FLOW in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_MeanChThroughput_Times	hua_rnc_hsupa_aggfrcell_tab.ruwxmc2jg32ahdhaj035xkcuc6	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_MeanChThroughput_TotByte	hua_rnc_hsupa_aggfrcell_tab.ruwxmc4jg32ahdhaj035xkcuc6	INT8	#	Number of bytes received by the MAC-d flow in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_MeanChThroughput	hua_rnc_hsupa_aggfrcell_tab.ruwxmc0jg32ahdhaj035xkcuc6	FLOAT	#	Average UL throughput of MAC-d flow in a	Average	hub99pslbh, hubcslbh, hubhsdpa

				cell.		bh, hubpslbh, Sum, Minimum, Maximum
HSUPA_RAB_AttEstab	hua_rnc_hsupa_aggfrcell_tab.ruwxmc6jg32ahdhaj035xkcuc6	INTEGER	#	Number of attempts to set up HSUPA RABs in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_RAB_Loss_Abnorm	hua_rnc_hsupa_aggfrcell_tab.ruwxmcbjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs abnormally released by the RNC in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_RAB_Loss_Norm	hua_rnc_hsupa_aggfrcell_tab.ruwxmcdjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs normally released by the RNC in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_RAB_Loss_UEGen	hua_rnc_hsupa_aggfrcell_tab.ruwxmcfjg32ahdhaj035xkcuc6	INTEGER	#	Number of HSUPA RABs released by the RNC for the release of the UE signaling connection.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_RAB_SuccEstab	hua_rnc_hsupa_aggfrcell_tab.ruwxmchjg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to set up the HSUPA RABs in a cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

HSUPA_SHO_ServCellChg_Att	hua_rnc_hsupa_aggfrcell_tab.ruwxmcjjg32ahdhaj035xkcuc6	INTEGER	#	Number of attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
HSUPA_SHO_ServCellChg_Succ	hua_rnc_hsupa_aggfrcell_tab.ruwxmcljg32ahdhaj035xkcuc6	INTEGER	#	Number of successful attempts to change the EDCH serving cells because the soft handover is performed or multiple links exist.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_CopperBeMeanChThroughput_TotalBytes	hua_rnc_hsupa_aggfrcell_tab.yearpu4upw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes receive in MAC-d flow of copper BE traffic	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_CopperBeMeanChThroughput	hua_rnc_hsupa_aggfrcell_tab.yearpu2upw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of copper BE traffic	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

						m
VS_HSUPA_GoldenBeMeanChThroughput_TotalBytes	hua_rnc_hsupa_aggfrcell_tab.yearptvupw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes receive in MAC-d flow of golden BE traffic	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_GoldenBeMeanChThroughput	hua_rnc_hsupa_aggfrcell_tab.yearpttupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of golden BE traffic	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSUPA_RAB_AttEstab_BE_Copper	hua_rnc_hsupa_aggfrcell_tab.yearqcjupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for copper-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_RAB_AttEstab_BE_Golden	hua_rnc_hsupa_aggfrcell_tab.yearqcfupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for golden-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_RAB_AttEstab_BE_Silver	hua_rnc_hsupa_aggfrcell_tab.yearqchupw2ahrhr0035xvpkr0	INTEGER	#	Number of HSUPA RAB establishment attempts of be service for silver-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_HSUPA_RAB_SuccEstab_BE_Copper	hua_rnc_hsupa_aggfrcell_tab.yearqcpupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for copper-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_RAB_SuccEstab_BE_Golden	hua_rnc_hsupa_aggfrcell_tab.yearqclupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for golden-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_RAB_SuccEstab_BE_Silver	hua_rnc_hsupa_aggfrcell_tab.yearqcnupw2ahrhr0035xvpkr0	INTEGER	#	Number of successful HSUPA RAB establishments of be service for silver-level users	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_SilverBeMeanChThroughput_TotalBytes	hua_rnc_hsupa_aggfrcell_tab.yearpu0upw2ahrhr0035xvpkr0	INT8	bytes	Number of bytes receive in MAC-d flow of silver BE traffic	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_HSUPA_SilverBeMeanChThroughput	hua_rnc_hsupa_aggfrcell_tab.yearptxupw2ahrhr0035xvpkr0	FLOAT	Kbps	Mean uplink throughput of MAC-d flows of silver BE	Average	hub99pslbh, hubcslbh, hubhsdpabh,

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				traffic		hubpslbh, Sum, Minimum, Maximum
VS_HSUPA_UE_Mean_Cell	hua_rnc_hsupa_aggfrcell_tab.ruwxmcnjg32ahdhaj035xkcuc6	FLOAT	#	Average number of UEs in CELL_HSUPA state in a cell.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.7 RNC.Huawei.UMTS.IMS_Statistics

IP Multimedia Subsystem data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IMS_NumSigUser	hua_rnc_ims_statistics_tab.reitu4aildccqcnkxwgxvngoor	INTEGER	#	This item provides the number of UEs setting up IMS services in the RNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RABCmb_IMSSigCon16_16	hua_rnc_ims_statistics_tab.w24r4xeuyxbvvsso0unlanuwxs	FLOAT	#	The above items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 16K,and service rate is 16K	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_RABCmb_IMSSigCon16_32	hua_rnc_ims_statistics_tab.vj52rdlyefc1ldcrsch602aapb	FLOAT	#	The above items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 16K,and service rate is 32K	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_IMSSigCon16_42_8	hua_rnc_ims_statistics_tab.sgaklpykpvbx0egynkdyrbuxk6	FLOAT	#	The above items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 16K,and service rate is 42.8K	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_IMSSigCon16_64	hua_rnc_ims_statistics_tab.xqea4b4quab42dnntdvblvli54	FLOAT	#	The above items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 16K,and service rate is 64K	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_I	hua_rnc_ims_statistics_tab.	FLOAT	#	The above	Average	hub99psl

MSSigCon8_16	u62bg0iyiecemcb2vodu2dsqjs			items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 8K,and service rate is 16K		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_IMSSigCon8_32	hua_rnc_ims_statistics_tab.ridepd4p4jbrlsdvunx6b1hnu0	FLOAT	#	The above items provide the average numbers of UEs according to different IMS service types in the RNC, Signaling rate is 8K,and service rate is 32K	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_NumIMS_Con8_8	hua_rnc_ims_statistics_tab.vc04jvjnckbmxt4sh21fd5ddpc	FLOAT	#	The average numbers of UEs according to different IMS service types in the RNC, Voice Over IP (VoIP)	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RABCmb_NumIMS_Str8_8	hua_rnc_ims_statistics_tab.xmabq6gjyobcmuyoww41y2qqna	FLOAT	#	The average numbers of UEs according to different IMS service types in the RNC, PoC (PTT over	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimu

				Cellular)		m, Maximum

6.42.8 RNC.Huawei.UMTS.InterRAT_HO_CS_RNC

InterRAT Handover CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_IRATHO_SuccCSOut_RNC	100 * {VS_IRATHO_SuccCSOut_RNC}/ {VS_IRATHO_AttCSOut_RNC}	FLOAT	%	Percentage successful CS domain inter-RAT outgoing handovers.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_AttCSOut_RNC	hua_rnc_intr_hocsrnc_tab.tgrubgkcvfcxdcxtouevfx6hvb	INTEGER	#	Number of UEHANDOVER FROM UTRAN COMMAND messages initiated from the SRNC to a UE.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_AttExecCSIn_RNC	hua_rnc_intr_hocsrnc_tab.v0lvyvqadqbi4e0mkkdrqpt30c	INTEGER	#	Number of CS domain inter-RAT incoming handover commits.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_FaiCSOutAbortRNC	hua_rnc_intr_hocsrnc_tab.unctwwwna3byhtt3k255hbrl0s	INTEGER	#	Number of CS domain inter-RAT outgoing handovers terminated in the handover	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				commit phase, that is, the number of IU RELEASE COMMAND messages with any cause other than Successful Relocation or Normal Release received by the SRNC after sending a HANDOVER FROM UTRAN COMMAND message.		
VS_IRATHO_FailCSOut_CfgUnRNC	hua_rnc_intr_hocsrnc_tab.xhntkprjyxbhtriiapwevqjutx	INTEGER	#	the numbers of CS domain inter-RAT outgoing handover failures due to Configuration Unsupported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_FailCSOut_PhyFaRNC	hua_rnc_intr_hocsrnc_tab.yhxcq2ym1bcoirtexb3b6ahmbf	INTEGER	#	the numbers of CS domain inter-RAT outgoing handover failures due to Physical Channel Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_FailExecCSIn_Abort	hua_rnc_intr_hocsrnc_tab.rbb6qw52c2b1urbb4drdjrv315	INTEGER	#	This item provides the number of IU	Sum	hub99pslbh, hubcslbh,

				RELEASE COMMAND wait timeouts during CS domain inter-RAT outgoing handovers		hubhsdpabh, hubpslbh
VS_IRATHO_FailExecCSIn_NRply	hua_rnc_intr_hocsrnc_tab.wrvlfpd0lhbiirt0gdw5biseyc	INTEGER	#	Number of CS domain inter-RAT incoming handover commit failures due to no response from the UE	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_FailExecCSIn_RNC	hua_rnc_intr_hocsrnc_tab.y6itfddie0bugupb5bunu2ruob	INTEGER	#	Number of CS domain inter-RAT handovers failures.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepAttCSIn_RNC	hua_rnc_intr_hocsrnc_tab.trvtxqncn4bbcrggxni1ytorug	INTEGER	#	Number of CS domain inter-RAT incoming handover preparations.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFaiCSInAborRNC	hua_rnc_intr_hocsrnc_tab.yo2rov41a5cdxr4mauptbutlwt	INTEGER	#	Number of IU RELEASE COMMAND Messages Received During CS Domain Inter-RAT	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				Incoming Handover Preparation.		
VS_IRATHO_PrepFaiCSInCongRNC	hua_rnc_intr_hocsrnc_tab.vuqpd6cnfcbnncqjf4i3tq2ycx	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC for different causes No Resource Available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFaiCSInTfailRN	hua_rnc_intr_hocsrnc_tab.udvp0qyffgbntcgyvxkkt1if5m	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC for different causes Relocation Failure in Target CN/RNC or Target System	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFaiCSInTgtOveL	hua_rnc_intr_hocsrnc_tab.ub2wgy2iyy2ahdha0035xkcuc6	INTEGER	#	Numbers of CS Domain Inter-RAT Outgoing Handover Preparation Failures due to Different Causes.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				Cause Traffic Load In The Target Cell Higher Than In The Source Cell.		
VS_IRATHO_PrepFaiCSInTunsRNC	hua_rnc_intr_hocsrnc_tab.xqtxyuuy0fctbtcqf6lds2k5el	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC for different causes Relocation not supported in Target RNC or Target system	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFailCSOut_NoRsrc	hua_rnc_intr_hocsrnc_tab.rahyw1enxvbw2ejok0i0iwtseq	INTEGER	#	The numbers of RNC-initiated CS domain inter-RAT outgoing handover preparation failures due to No Resource Available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFailCSOut_UkwnRNC	hua_rnc_intr_hocsrnc_tab.x6pennmpbhc2nr3horshksghft	INTEGER	#	The numbers of RNC-initiated CS domain inter-RAT	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				outgoing handover preparation failures due to Unknown Target RNC		hubpslbh
VS_IRATHO_PrepFailCSOutRelocAbort	hua_rnc_intr_hocsrnc_tab.sufp6qnraqcmeccruovdotsho4	INTEGER	#	Number of CS domain inter-RAT outgoing handover preparations terminated by the IU RELEASE COMMAND message.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepFailCSOutReqinfnotavai	hua_rnc_intr_hocsrnc_tab.xeufpmpbqvcn0ceo30pm21nsuk	INTEGER	#	the numbers of RNC-initiated CS domain inter-RAT outgoing handover preparation failures due to Reqinfonotavai	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PrepSuccCSIn_RNC	hua_rnc_intr_hocsrnc_tab.rb4qtoegvdb1lbg3sy6afgbojp	INTEGER	#	This item provides the number of CS domain inter-RAT incoming handover preparation successes.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_SuccCSOut_RNC	hua_rnc_intr_hocsrnc_tab.uk6ehworgycq6eyxovrrmqvyxe	INTEGER	#	This item provides the number of CS domain inter-RAT	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				outgoing handovers.		hubpslbh
VS_IRATHO_SuccExecCSIn_RNC	hua_rnc_intr_hocsrnc_tab.ucc5hcq3pbc0vbtvc4lbrua4bv	INTEGER	#	This item provides the number of CS domain inter-RAT incoming handover successes.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_Fail_IRATCSOutTOve	hua_rnc_intr_hocsrnc_tab.uh2kksviyy2ahdha0035xkcuc6	INTEGER	#	Numbers of CS Domain Inter-RAT Outgoing Handover Preparation Failures due to Different Causes. Cause Traffic Load In The Target Cell Higher Than In The Source Cell	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.9 RNC.Huawei.UMTS.InterRAT_HO_PS_RNC

InterRAT Handover PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_IRATHO_SuccPSInUE_RNC	100 * {VS_IRATHO_SuccPSInUE_RNC}/ {VS_IRATHO_AttPSInUE_RNC}	FLOAT	%	Percentage successful PS domain inter-RAT incoming handovers	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				initiated by UEs		
_%_VS_IRATHO_SuccPSOutUE_RNC	100 * {VS_IRATHO_SuccPSOutUE_RNC}/ {VS_IRATHO_AttPSOutUE_RNC}	FLOAT	%	Percentage successful PS domain inter-RAT outgoing handovers initiated by UE.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_IRATHO_SuccPSOutUTRAN_RNC	100 * {VS_IRATHO_SuccPSOutUTRAN_RNC}/ {VS_IRATHO_AttPSOutUTRAN_RNC}	FLOAT	%	Percentage successful PS domain inter-RAT outgoing handovers initiated by RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_AttPSInUE_RNC	hua_rnc_intr_hopsrnc_tab.xq2krayfrobiorg5uamvsytabo	INTEGER	#	This item provides the number of PS domain inter-RAT incoming handovers initiated by UEs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_AttPSOutUE_RNC	hua_rnc_intr_hopsrnc_tab.xi25fxxo6icnib26xfwph0y2vl	INTEGER	#	Number of PS domain inter-RAT outgoing handover requests initiated by UE.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_AttPSOutUTRAN_RNC	hua_rnc_intr_hopsrnc_tab.xgpm0mj4pkbc3tpmehvkfx4w60	INTEGER	#	Number of transmissions of the HANDOVER FROM UTRAN COMMAND messages from RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_C	hua_rnc_intr_hopsrnc_tab.	INTEG	#	This item	Sum	hub99psl

COPSOutUTRAN_RNC	sism2wuuxibkibdipo3vb1n2xp	ER		provides the number of successful cell changes during PS domain inter-RAT outgoing handovers initiated by the RNC		bh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_EvalPSOutUTRAN_RNC	hua_rnc_intr_hopsrnc_tab.ut4ur5j401cgae0kgv2elxgtqv	INTEGER	#	Number of PS domain inter-RAT outgoing handovers decisions initiated from RNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PSOut_CfgUnsup	hua_rnc_intr_hopsrnc_tab.ypoquw1rfhbyab51gp0nykgqw5	INTEGER	#	The numbers of RNC-initiated PS domain inter-RAT outgoing handover failures due to Configuration unacceptable	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PSOut_Fail	hua_rnc_intr_hopsrnc_tab.tnucx04ksmcthtm34okv1atsu2	INTEGER	#	Number of unsuccessful PS domain inter-RAT outgoing handovers initiated by RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PSOut_NoReply	hua_rnc_intr_hopsrnc_tab.x0jcugi0oebugsisyfr505hx3k	INTEGER	#	Number of RNC-initiated PS domain inter-RAT outgoing	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

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				handover failures due to timeout to wait for the IU RELEASE COMMAND message.		hubpslbh
VS_IRATHO_PSOut_PhyCHFail	hua_rnc_intr_hopsrnc_tab.wqqndp3hxrcrsubunimyc4hfxf	INTEGER	#	The numbers of RNC-initiated PS domain inter-RAT outgoing handover failures due to Physical Channel Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_PSOut_Unpec	hua_rnc_intr_hopsrnc_tab.tmthrfm3fmctke4cghjtnyt1ff	INTEGER	#	The numbers of RNC-initiated PS domain inter-RAT outgoing handover failures due to Unspecified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_SuccPSInUE_RNC	hua_rnc_intr_hopsrnc_tab.w33nrmovuobv6ultdhvbwkllit	INTEGER	#	This item provides the number of successful PS domain inter-RAT incoming handovers initiated by UEs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_SuccPSOutUE_RNC	hua_rnc_intr_hopsrnc_tab.x13of63oxgbbocwb4nqq1uxtti	INTEGER	#	Number of successful PS domain inter-RAT outgoing handovers initiated by UE.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IRATHO_Su	hua_rnc_intr_hopsrnc_tab.	INTEG	#	Number of	Sum	hub99psl

ccPSOutUTRAN_RNC	vunj5exgqgcqgrwq1cu6ffl aqd	ER		successful PS domain inter-RAT outgoing handovers initiated by RNC.		bh, hubcslbh, hubhsdpa bh, hubpslbh

6.42.10RNC.Huawei.UMTS.InterRAT_HO_SRNS_Relocation

InterRAT Handover Serving Radio Network Subsystem

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_SRELOC_SuccPrep_IRHOCS	100 * {VS_SRELOC_SuccPrep_IRHOCS}/ {VS_SRELOC_AttPrep_IRHOCS}	FLOAT	%	Successful CS domain inter-RAT outgoing handover preparation successes.	Average	hub99pslbh, hubcslbh, hubhsdpa bh, hubpslbh
VS_SRELOC_AttPrep_IRHOCS	hua_rnc_intr_hosrnsrel_tab.u6y3mecftqb23basnde0ixq4cc	INTEGER	#	This item provides the number of CS domain inter-RAT outgoing handover preparations triggered by the RNC	Sum	hub99pslbh, hubcslbh, hubhsdpa bh, hubpslbh
VS_SRELOC_Fail_IRATCSOutCanc	hua_rnc_intr_hosrnsrel_tab.wgft0nosdmbrwekoyf3fd16hwr	INTEGER	#	The numbers of RNC-initiated CS domain inter-RAT outgoing handover preparation failures due to Relocation Cancelled	Sum	hub99pslbh, hubcslbh, hubhsdpa bh, hubpslbh

VS_SRELOC_Fail_IRATCSOutNRpl	hua_rnc_intr_hosrnsrel_tab.ywxiy4w1ihbosukravip4gcfql	INTEGER	#	Number of SRNC relocation preparation failures due to timeout to wait for a RELOCATION COMMAND message after the SRNC sends a RELOCATION REQUIRED message.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_Fail_IRATCSOutTexp	hua_rnc_intr_hosrnsrel_tab.rhqkxrgg0hc0rbinv1ruv36rst	INTEGER	#	The numbers of RNC-initiated CS domain inter-RAT outgoing handover preparation failures due to TRELOCalloc Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_Fail_IRATCSOutTfai	hua_rnc_intr_hosrnsrel_tab.ye5mo326arcm3tog040lvf21ei	INTEGER	#	The numbers of RNC-initiated CS domain inter-RAT outgoing handover preparation failures due to Relocation Failure in Target CN/RNC or Target System	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_FailPrep_IRATCSOut	hua_rnc_intr_hosrnsrel_tab.tr6q32cpjcbfhbsdbai0kyxby2	INTEGER	#	This item provides the number of CS domain inter-RAT outgoing handover	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				preparation failures		
VS_SRELOC_SuccPrep_IRHOCS	hua_rnc_intr_hosrnsrel_tab.xke2dknmnaccwsfsmlqoaro3ct	INTEGER	#	This item provides the number of CS domain inter-RAT outgoing handover preparation successes.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.11RNC.Huawei.UMTS.Location_Cell_Services_RNC

Location Cell Services data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_LCS_AGps_MeanTime	hua_rnc_loccellservrnc_tab.xeo0nsdhmrbigrs4wpahspfncp	FLOAT	milliseconds	This item provides the mean delay of UE A-GPS positioning due to DIRECTY event type in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_Agps_Selec	hua_rnc_loccellservrnc_tab.wflu4ygd3xcl2delm35wkf032y	INTEGER	#	The numbers of times of positioning using different positioning methods in a measureme	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				nt period.		
VS_LCS_Agps_UuMeanTime	hua_rnc_loccellservrnc_tab.x1ubd1frfnbxlc6ql4lpdw5cfl	FLOAT	milliseconds	This item provides the mean delay of UE-assisted A-GPS positioning on the Uu interface.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_AOtdoa_Selec	hua_rnc_loccellservrnc_tab.xe3lls1nifbv4tp0k1t0d6ks20	INTEGER	#	The numbers of times of positioning using different positioning methods in a measurement period.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_AsstGpsDataTransDel	hua_rnc_loccellservrnc_tab.u2htemjw0wbtxd2w1q6ye1agat	INTEGER	#	Number of successful provisions of GPS assistance data by RNC on receipt of the positioning related data request from the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_AttCsa	hua_rnc_loccellservrnc_tab.so1m0sg4g3cjccjnrtfnh24uc5	INTEGER	#	The numbers of positioning requests by different event types	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				in the LOACTION REPORTING CONTROL message received by the RNC from CN - Change of service area		
VS_LCS_AttDir	hua_rnc_loccellservrnc_tab.tr5kovcsoxbpxrhkjhyiurn1io	INTEGER	#	The numbers of positioning requests by different event types in the LOACTION REPORTING CONTROL message received by the RNC from CN - Direct	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_CellId_MeanTime	hua_rnc_loccellservrnc_tab.u13lvii4mcbshssnflhnsvoxu5	FLOAT	milliseconds	This item provides the mean delay of UE-assisted CELL-ID positioning due to DIRECTY event type in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

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VS_LCS_CellId_Selec	hua_rnc_loccellservrnc_tab.t44vem6xjgbrdelpkdl411ecxe	INTEGER	#	The numbers of times of positioning using different positioning methods in a measurement period.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_CellID_UuMeanTime	hua_rnc_loccellservrnc_tab.ypg0lr1thmbiqtthd1cm2nm56c	FLOAT	milliseconds	This item provides the mean delay of UE-assisted CELL-ID positioning on the Uu interface.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_Hybr_MeanTime	hua_rnc_loccellservrnc_tab.u4ru3gyoldb6wrv3yypbu2jjvt	FLOAT	milliseconds	This item provides the mean delay of hybrid positioning due to DIRECTY event type in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_Hybr_Selec	hua_rnc_loccellservrnc_tab.r5ee4ac66dcmwtsqkq4f6uj6se	INTEGER	#	The numbers of times of positioning using different positioning methods in a measurement period.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_LCS_LR_AGPS_RNC_CUM	hua_rnc_loccellservrnc_tab.umkuxvypohcksciecmyiuvk0qk	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_LR_AGPS_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.wqpl3wimcrc3mtmm1d4vwgkun4	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_LRC_CellId_RNC_CUM	hua_rnc_loccellservrnc_tab.ubb6b2ex0jci5u22i3raub0eut	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_LRC_CellId_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.x6sqpvn0i1bs5bpewm1qkq3j6v	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_LRC_HM_RNC_CUM	hua_rnc_loccellservrnc_tab.yxgtmdottucu0bklmqlluj2x5x	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_LRC_HM_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.tvivgmiugjbyst25nqrjaoofp5	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_AGPS_RNC_	hua_rnc_loccellservrnc_tab.xkw05r0u4cbn0sl4qqkfkei	INTEGER	milliseconds	No description.	Sum	hub99pslbh,

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CUM	vth					hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_AGPS_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.wul3ntvnoqcvxtbx2vkb1xjkjj	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_CellId_RNC_CUM	hua_rnc_loccellservrnc_tab.wd4x3i4esxbfgtwl53ck510l42	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_CellId_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.shiqq5t3ejcwqdftcclvkx4adb	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_OTDOA_RNC_CUM	hua_rnc_loccellservrnc_tab.wmsq2kr0fic3sr1lwqyenm4fl6	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_OTDOA_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.y1gq0yyct4bltdbcrw3nf2hpgu	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTime_UEbased_RNC_CUM	hua_rnc_loccellservrnc_tab.xw0jxbob2eb15un25d4xan3vjq	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_MTim	hua_rnc_loccellservrnc_tab	INTEG	#	No	Sum	hub99psl

e_UEbased_RNC_SAMPLE	.t4pp6qpduscrhcwlyeikp2aql5	ER		description.		bh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_Otdoa_UuMeanTime	hua_rnc_loccellservrnc_tab.x005x4ryj1cnksck1chqeuvmbt	FLOAT	milliseconds	This item provides the mean delay of UE-assisted OTDOA positioning on the Uu interface.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_QoSAccurMet	hua_rnc_loccellservrnc_tab.vdxjlvq66bcprtjk4q2qs6pbhx	INTEGER	#	This item provides the number of positioning reports meeting accuracy requirement from the RNC to CN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_RTT_Dir_RNC_CUM	hua_rnc_loccellservrnc_tab.r4k0v5i6fqbacbq1bt145wnhse	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_RTT_Dir_RNC_SAMPLE	hua_rnc_loccellservrnc_tab.ssoc23ejd3b5wrrvptgc35mvvw	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_LCS_RTT_UuMeanTime	hua_rnc_loccellservrnc_tab.r22xckkwabcjddkfrg6dy4kekd	FLOAT	milliseconds	This item provides the mean delay of RTT measurement.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_LCS_SuccCsa	hua_rnc_loccellservrnc_tab.syaa63ob12bvmcvris1of3phyw	INTEGER	#	The numbers of reports on successful positioning by different event types sent by the RNC to the CN - Change of service area	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_SuccDir	hua_rnc_loccellservrnc_tab.xl1q52vou0ckhcjeduwir3cgx1	INTEGER	#	The numbers of reports on successful positioning by different event types sent by the RNC to the CN - direct	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_LCS_UeBsd_UuMeanTime	hua_rnc_loccellservrnc_tab.walewxsy3wcdleb6n42lync1j4	FLOAT	milliseconds	This item provides the mean delay of UE-based A-GPS positioning on the Uu interface.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.12RNC.Huawei.UMTS.MultiRab_RNC

MultiRAB data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_MultRAB_0CS_2PS	hua_rnc_multirab_rnc_tab.ucxdmhrrdubpkd5atlethds2c2	FLOAT	#	Average number of UEs using 2PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MultRAB_0CS3PS	hua_rnc_multirab_rnc_tab.wk0cilt10ibccewlvur6bfpw0t	FLOAT	#	Average number of UEs using 3PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MultRAB_0CS4PS	hua_rnc_multirab_rnc_tab.xlsny24lui2aidkrb02ofawjhk	INTEGER	#	Average number of UEs using 0CS+4PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

						m
VS_MultRAB_1CS1PS	hua_rnc_multirab_rnc_tab.vc51lqwiymck0rvli0oyp6a0ek	FLOAT	#	Average number of UEs using 1CS+1PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MultRAB_1CS2PS	hua_rnc_multirab_rnc_tab.w2lehd1ue0calusxjhb16l5dvt	FLOAT	#	Average number of UEs using 1CS+2PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MultRAB_1CS3PS	hua_rnc_multirab_rnc_tab.v55xv51gq4c2xs4ldnw362ahpu	FLOAT	#	Average number of UEs using 1CS+3PS RABs.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MultRAB_HHO	hua_rnc_multirab_rnc_tab.uydmkb35hucuxt1jbwnfafl61o	INTEGER	#	Number of successful hard handovers of the UE using multiple RABs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_MultRAB_SHO	hua_rnc_multirab_rnc_tab.todaw5xidibxoupqakqon2vp6n	FLOAT	#	Average number of UEs using multiple	Average	hub99pslbh, hubcslbh,

				RLs and RABs		hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.13RNC.Huawei.UMTS.Paging_RNC

Paging data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RANAP_Paging_Succ_IdleUE	100 * {VS_RANAP_Paging_Succ_IdleUE}/ {VS_RANAP_Paging_Att_IdleUE}	FLOAT	%	Percentage RRC CONNECTION REQUEST messages from UEs to the RNC as responses to PAGING TYPE 1 messages sent by the RNC for paging UEs in idle mode.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_UTRAN_SuccPage1	100 * {VS_UTRAN_SuccPage1}/ {VS_UTRAN_Paging1_Att}	FLOAT	%	Percentage CELL UPDATE messages from UEs to the RNC as successful responses to PAGING TYPE 1 messages from the RNC to UEs in CELL_PCH or URA_PCH state.Upon reception of	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				PAGING TYPE 1 messages, UEs in CELL_PCH or URA_PCH state send CELL UPDATE messages with the cause of paging response to the RNC. The following gives the possible causes for sending a PAGING TYPE 1 message to a UE in CELL_PCH or URA_PCH state: The RNC receives a PAGING message from the CN. The UTRAN is to cause the UE to update system information or support data transmission.		
VS_CN_Page_Loss_IUFC	hua_rnc_paging_rnc_tab.uajnd346hictrty3nxsdtqqyb6	INTEGER	#	Obsolete in release Vn00R010. Number of PAGING messages discarded due to Iu interface flow control.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_CN_Page_Loss_PCHCong	hua_rnc_paging_rnc_tab.us5cm43h6ecp5cyrx0b62cagp0	INTEGER	#	Obsolete in release Vn00R010. Number of PAGING TYPE 1 messages lost	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				due to PCH congestion.		
VS_RANAP_CsPaging_Att	hua_rnc_paging_rnc_tab.yearq3hupw2ahrhr0035xvpkr0	INTEGER	#	Number of CS-oriented paging messages from the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RANAP_CsPaging_Loss	hua_rnc_paging_rnc_tab.yearq3lupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to respond to CS-oriented paging messages from the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RANAP_Paging_Att_IdleUE	hua_rnc_paging_rnc_tab.yyve5tahv4bfwekpqtcqsdeomi	INTEGER	#	Number of PAGING TYPE 1 messages from the RNC to UEs in idle mode upon reception of PAGING messages from the CN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RANAP_Paging_Att	hua_rnc_paging_rnc_tab.r3od6f5tupcfsuriiwl3rwnnib	INTEGER	#	Obsolete in release Vn00R010. Number of PAGING messages from the CN to the RNC.In the mobile terminating call, the CN pages a UE by sending a PAGING message to the UTRAN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_RANAP_Paging_Succ_IdleUE	hua_rnc_paging_rnc_tab.rjdudl1ashcmrbx2cjj1ekhvgd	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC as responses to PAGING TYPE 1 messages sent by the RNC for paging UEs in idle mode.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RANAP_PsPaging_Att	hua_rnc_paging_rnc_tab.yearq3jupw2ahrhr0035xvpkr0	INTEGER	#	Number of PS-oriented paging messages from the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RANAP_PsPaging_Loss	hua_rnc_paging_rnc_tab.yearq3nupw2ahrhr0035xvpkr0	INTEGER	#	Number of failures to respond to PS-oriented paging messages from the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_UTRAN_Paging1_Att	hua_rnc_paging_rnc_tab.rhdys1fokebvdriykxx1btg30p	INTEGER	#	Number of PAGING TYPE 1 messages originated by the RNC for triggering the state transition of a UE in CELL_PCH or URA_PCH state. UEs in CELL_PCH or URA_PCH state cannot support data transmission. Therefore, before delivering data to such a UE, the RNC needs to send a	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				PAGING TYPE 1 message to it to trigger state transition.		
VS_UTRAN_Paging2_Att	hua_rnc_paging_rnc_tab.vf63pj2jv4chnbjyvmvcy4reg3	INTEGER	#	Number of PAGING TYPE 2 messages from the RNC to UEs in CELL_FACH or CELL_DCH state upon reception of PAGING messages from the CN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_UTRAN_SuccPage1	hua_rnc_paging_rnc_tab.xos0geyv0pcqesiytcaddfr03p	INTEGER	#	Number of CELL UPDATE messages from UEs to the RNC as successful responses to PAGING TYPE 1 messages from the RNC to UEs in CELL_PCH or URA_PCH state.Upon reception of PAGING TYPE 1 messages, UEs in CELL_PCH or URA_PCH state send CELL UPDATE messages with the cause of paging response to the RNC. The following gives the possible	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				causes for sending a PAGING TYPE 1 message to a UE in CELL_PCH or URA_PCH state: The RNC receives a PAGING message from the CN. The UTRAN is to cause the UE to update system information or support data transmission.		

6.42.14RNC.Huawei.UMTS.PDCP_Statistics

Packet Data Convergence Protocol data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PDCP_DL_2507_Other	hua_rnc_pdcp_statistics_tab.t40wpfrb60b3tt561c3sc66twc	INTEGER	#	According to the RFC2507 Protocol, data flows with different attributes have different context types, either TCP or NONTCP. This item provides the number of data flows with the DL packet type as NONTCP, after PS domain service	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_PDCP_DL_2507_TCP	hua_rnc_pdcp_statistics_tab.rjby0mhfoebo3u5r5tsxpx5jbh	INTEGER	#	According to the RFC2507 Protocol, data flows with different attributes have different context types, either TCP or NONTCP. This item provides the number of data flows with the DL packet type as TCP, after PS domain service	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_DL_Compress	hua_rnc_pdcp_statistics_tab.v5e3spnu4bbnmuegmr0qhxsnfc	INTEGER	#	This item provides the number of DL packets with headers compressed by a PDCP entity, after PS domain services are set up in an RNC and transmit data.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_DL_HdrCompressRatio	hua_rnc_pdcp_statistics_tab.w5ri1gybrfb1eehj5euoiwa5al	FLOAT	%	This item provides the ratio of packet header size before header compression to that after for all DL packets of PS services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				in an RNC in a measurement period. This item is valid when the header compression algorithm is con		
VS_PDCP_DL_HdrLength_AfterCompress	hua_rnc_pdcp_statistics_tab.s6icxjg6vobibegsjr5lj3lfha	INT8	bytes	Packet header size after header compression to that after for all DL packets of PS services in an RNC in a measurement period.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_DL_HdrLength_BeforeCompress	hua_rnc_pdcp_statistics_tab.yr5gj1wlb0bgusoqqdlulgcmu0	INT8	bytes	Packet header size beforeheader compression to that after for all DL packets of PS services in an RNC in a measurement period.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_DL_PktCompressRatio	hua_rnc_pdcp_statistics_tab.tvinrvis0bcf6b34ww5vi3vnmc	FLOAT	%	This item provides the ratio of packet size before header compression to that after for all DL packets of PS services in an RNC in a measurement period. This item is valid when the header	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				compression algorithm is configured		
VS_PDCP_DL_PktLength_AfterCompress	hua_rnc_pdcp_statistics_tab.vu4pb1npkycputu5qgtm2ag62t	INT8	bytes	DL packet length after compression	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_DL_PktLength_BeforeCompress	hua_rnc_pdcp_statistics_tab.tv064kdteccvnb6o6wduude5qu	INT8	bytes	DL packet length before compression	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_NbrBlocksSent_AM_1	hua_rnc_pdcp_statistics_tab.xlsny26lui2aidkrb02ofawjhk	INTEGER	#	Number of PDCP PDUs that are smaller than 50% of the maximum RLC PDU size.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_NbrBlocksSent_AM_2	hua_rnc_pdcp_statistics_tab.xlsny2blui2aidkrb02ofawjhk	INTEGER	#	Number of PDCP PDUs that are equal to or greater than 50% of the maximum RLC PDU size and smaller than or equal to the maximum RLC PDU size.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_NbrBlocksSent_AM_3	hua_rnc_pdcp_statistics_tab.xlsny2dlui2aidkrb02ofa	INTEGER	#	Number of PDCP PDUs	Sum	hub99pslbh,

	wjhk			that are greater than the maximum RLC PDU size.		hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_UL_DecompressError	hua_rnc_pdcp_statistics_tab.wkj3c5rbhmbrqckjaq6u0i2yru	INTEGER	#	This item provides the number of UL packets that PS services in an RNC fail to extract. The item is valid when the header compression algorithm is configured.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_PDCP_UL_Decompress	hua_rnc_pdcp_statistics_tab.xjlxwuavnfbf3rnqmlrqouwkew	INTEGER	#	This item provides the number of UL packets with headers extracted by a PDCP entity, after PS domain services are set up in an RNC and receive data.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.15RNC.Huawei.UMTS.PDCPGTPU_Measurement

Packet/header under ROHC compression

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_PDCP_DL_ROHC_HdrCompressRatio	hua_pdcpgtpu_tab.yearq3bupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of DL packet headers compression under ROHC	Average	hub99pslbh, hubcslbh, hubhsdpabh,

						hubpslbh, Sum, Minimum, Maximum
VS_PDCP_DL_ROHC_PktCompressRatio	hua_pdcpgtpu_tab.yearq3dupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of DL packets compression under ROHC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PDCP_UL_ROHC_FailDecompRatio	hua_pdcpgtpu_tab.yearq3fupw2ahrhr0035xvpkr0	FLOAT	%	Ratio of UL ROHC decompression failures to Total UL ROHC decompression operations	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.16RNC.Huawei.UMTS.RAB_Abnorm_Release_CS_RNC

RAB Abnormal Release CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_Norm_Rel_PS_0kbps_TOut_RNC	hua_rnc_rab_abnrelcsrnc_tab.xlsny22lui2aidkrb02ofawjhk	INTEGER	#	VS Norm Rel PS 0kbps Timeout RNC	Sum	hub99pslbh, hubcslbh,

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						hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_Abnorm_RNC	hua_rnc_rab_abnrelcsrnc_tab.y4h6p5u62sbplcigiw0u1fkk06	INTEGER	#	Numbers of Abnormally Released CS RABs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_AMR_RNC	hua_rnc_rab_abnrelcsrnc_tab.rshtmeqcdwc34t2ouqf2o5smkn	INTEGER	#	Number of released CS AMR service RABs triggered by RNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_Congstion_RNC	hua_rnc_rab_abnrelcsrnc_tab.vhnjahr51pci1rdufgdt1obem6	INTEGER	#	Numbers of released CS RABs triggered by RNC due to CELL congestion	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_Conv64K_RNC	hua_rnc_rab_abnrelcsrnc_tab.ul643g4rnjbcnsis3kfah1i2po	INTEGER	#	Number of released CS 64 k service RABs triggered by RNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_Norm_RNC	hua_rnc_rab_abnrelcsrnc_tab.w3bfl0h0aoccnei3vr52c4xi3d	INTEGER	#	Numbers of Normally Released CS RABs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_CS_RelUEGen_RNC	hua_rnc_rab_abnrelcsrnc_tab.toppcksxxabm1el33sd0jk6kid	INTEGER	#	Numbers of Released CS RABs Triggered by RNC due to UE Signalling Connection Release	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_RAB_Loss_CS_RF_RNC	hua_rnc_rab_abnrelcsrnc_tab.wdiatviunmbnwr35g5wknfn1ch	INTEGER	#	Number of Released CS RABs Triggered by RNC due to RF Reason	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_128K_RNC	hua_rnc_rab_abnrelcsrnc_tab.ynlewqjj6db5wuffkbjijpkccp	INTEGER	#	Number of released PS RABs triggered by RNC (Max DL bit rate = 128 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_384K_RNC	hua_rnc_rab_abnrelcsrnc_tab.vfhy00ji15caos1txrggfb0ihb	INTEGER	#	Number of released PS RABs triggered by RNC (Max DL bit rate = 384 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_64K_RNC	hua_rnc_rab_abnrelcsrnc_tab.vihhrcbxuwbnuriqtsfmk5oxi1	INTEGER	#	Number of released PS RABs triggered by RNC (Max DL bit rate = 64 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_Abnorm_RNC	hua_rnc_rab_abnrelcsrnc_tab.xawmgnxad3cw2upgbuqf3xqqkv	INTEGER	#	Numbers of Abnormally Released PS RABs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_Congstion_RNC	hua_rnc_rab_abnrelcsrnc_tab.yq0b4uqmh4ch5tx0qdsqyhsywi	INTEGER	#	Numbers of released PS RABs triggered by RNC due to CELL congestion	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_Norm_RN	hua_rnc_rab_abnrelcsrnc_tab.yjvhy15ca3boteqsn626n	INTEGER	#	Numbers of Normally	Sum	hub99pslbh,

C	ucbvx			Released PS RABs		hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_RelUEGen_RNC	hua_rnc_rab_abnrelcsrnc_tab.ti0yiepdiobqadw1hlf3gkutrp	INTEGER	#	Numbers of Released PS RABs Triggered by RNC due to UE Signalling Connection Release	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_PS_RF_RNC	hua_rnc_rab_abnrelcsrnc_tab.rsqlvtlcmsceqddsbfw2wf250b	INTEGER	#	Number of Released PS RABs Triggered by RNC due to RF Reason	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Loss_VP_LIMIT_RNC	hua_rnc_rab_abnrelcsrnc_tab.xlsny20lui2aidkrb02ofawjhk	INTEGER	#	Number of normally released CS VP RABs triggered by RNC(with cause of "Network Optimization") because VP is forbidden in target cell.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_RelAbnomalPS_CMB_RNC	hua_rnc_rab_abnrelcsrnc_tab.r5rgs4ellbbugs5lptivqlj1e3	INTEGER	#	Obsolete from UTRAN/V100 V200R011:The above item provides the number of abnormally released RABs according to CMB service. Here, the abnormally released RABs refer to all	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				released RABs except normally released RABs and released RABs triggered by the RNC due to RF reason.		

6.42.17RNC.Huawei.UMTS.RAB_AttRelPS_RNC

RAB PS Attempt Release data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_AttRelPS_Bkg_RNC	hua_rnc_rab_attrelps_tab.xb103vtahk26sdgmb00hw05bpa	INTEGER	#	The number of the PS RABs of a traffic class requested to release in the RNC, Number of PS background service RABs requested to release	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttRelPS_Conv_RNC	hua_rnc_rab_attrelps_tab.xb2yjclahk26sdgmb00hw05bpa	INTEGER	#	The number of the PS RABs of a traffic class requested to release in the RNC, Number of PS conversational service RABs requested to release	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttRelPS_Itr_RN	hua_rnc_rab_attrelps_tab.xb45hw2ahk26sdgmb00hw0	INTEGER	#	The number of the PS RABs of	Sum	hub99pslbh,

C	5bpa			a traffic class requested to release in the RNC, Number of PS interactive service RABs requested to release		hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttRelPS_Str_RNC	hua_rnc_rab_attrelps_tab.xb56xd2ahk26sdgmb00hw05bpa	INTEGER	#	The number of the PS RABs of a traffic class requested to release in the RNC, Number of PS streaming service RABs requested to release	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.18RNC.Huawei.UMTS.RAB_Establish_AMR_RNC

RAB Establish AMR RNC data

The performance data measurements for this KPI group are recorded against the combination of RNC and CNOPERATOR (cnoperator_id)

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_AttEstab_AMR_PLMN_RNC	hua_rnc_rab_estamrrnc_tab.xlsnyfxlui2aidkrb02ofawjhk	INTEGER	#	Number of AMR service RABs requested to establish for each operator.	Sum	
VS_RAB_AttEstab_CS64_PLMN_RNC	hua_rnc_rab_estamrrnc_tab.xlsnyg2lui2aidkrb02ofawjhk	INTEGER	#	Number of CS 64kbits/s conversational service RABs requested to establish for each operator.	Sum	
VS_RAB_AttEstab_PS_PLM	hua_rnc_rab_estamrrnc_tab.xlsnyg6lui2aidkrb02of	INTEGER	#	Number of PS RABs requested	Sum	

N_RNC	awjhk			to establish for each operator.		
VS_RAB_SuccEstab_AMR_PLMN_RNC	hua_rnc_rab_estamrrnc_tab.xlsnyg0lui2aidkrb02ofawjhk	INTEGER	#	Number of AMR service RABs successfully established for each operator.	Sum	
VS_RAB_SuccEstab_CS64_PLMN_RNC	hua_rnc_rab_estamrrnc_tab.xlsnyg4lui2aidkrb02ofawjhk	INTEGER	#	Number of CS 64kbits/s conversational service RABs successfully established for each operator.	Sum	
VS_RAB_SuccEstab_PS_PLMN_RNC	hua_rnc_rab_estamrrnc_tab.xlsnygblui2aidkrb02ofawjhk	INTEGER	#	Number of PS RABs successfully established for each operator	Sum	

6.42.19RNC.Huawei.UMTS.RAB_Establish_CS_RNC

RAB Establish CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_AttEstabCS_Conv	hua_rnc_rab_estcsrnc_tab.tw124p4wgfcslch0qmy6xfmigi	INTEGER	#	Number of the CS RABs requested to establish for conversational services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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RAB_AttEstabCS_Strm	hua_rnc_rab_estcsrnc_tab.yeb4rrr4q1ck5ef3iqbn0mggyi	INTEGER	#	Number of the CS RABs requested to establish for streaming services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCs_Conv_RNC_Rate	hua_rnc_rab_estcsrnc_tab.xlsny1tlui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:RAB SuccEstabCs Conv RNC Rate	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
RAB_SuccEstabCSNoQueuing_Conv	hua_rnc_rab_estcsrnc_tab.wtp4uhgosdcggcpikf6vb0v0jq	INTEGER	#	Numbers of CS RABs Established Successfully for Conversational Services (No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCSNoQueuing_Strm	hua_rnc_rab_estcsrnc_tab.wsf0sxmcp4brvdxwen6y0wi1wc	INTEGER	#	Numbers of CS RABs Established Successfully for Streaming Services (No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

RAB_SuccEstabCSQueuing_Conv	hua_rnc_rab_estcsrnc_tab.uabyaiyomvb0vbrwv0n423yjwp	INTEGER	#	Numbers of CS RABs Established Successfully for Conversational Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCSQueuing_Strm	hua_rnc_rab_estcsrnc_tab.w232q6epuabdgtqmqq3dyf03r6	INTEGER	#	Numbers of CS RABs Established Successfully for Streaming Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCSSetupTime_Cum	hua_rnc_rab_estcsrnc_tab.v5feseidwobmacvi5otfhbnyg4	INTEGER	milliseconds	Numbers of CS RABs Established Successfully for Streaming Service (Queuing). Cumulative value	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCSSetupTime_Sample	hua_rnc_rab_estcsrnc_tab.vohlp6crvecppscs6q0mahun34	INTEGER	#	Numbers of CS RABs Established Successful	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				ly for Streaming Service (Queuing). Sample value		
RAB_SuccEstabCSSetupTimeMax	hua_rnc_rab_estcsrnc_tab.xoh4sxnqwebyvcljvx3jed52ey	INTEGER	milliseconds	Maximum Signalling Delays of CS RAB Setup on DCH	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabCSSetupTimeMean	hua_rnc_rab_estcsrnc_tab.yp3cgqv56rbfvsdludvkwxqt1f	FLOAT	milliseconds	Mean Signalling Delays of CS RAB Setup on DCH	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RAB_AttEstabCS_VP_LIMIT_RNC	hua_rnc_rab_estcsrnc_tab.xlsny1rlui2aidkrb02ofawjhk	INTEGER	#	Number of CS VP RABs requested to establish in cell where VP is forbidden.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstCSConv0_32_RNC	hua_rnc_rab_estcsrnc_tab.ufbvlqvc1vcdkuwc16220rdlrw	INTEGER	#	Number of CS RABs requested to establish for conversational services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				(Max DL bit rate in [0,32]kbps)		
VS_RAB_AttEstCSConv32_64_RNC	hua_rnc_rab_estcsrnc_tab.uymqqalggdchrr3ryybfcqlde5	INTEGER	#	Number of CS RABs requested to establish for conversational services (Max DL bit rate in (32,64]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstCSStr0_32_RNC	hua_rnc_rab_estcsrnc_tab.wfnqukp3q5bkveefllsegbsqyj	INTEGER	#	Number of CS RABs requested to establish for streaming services (Max DL bit rate in [0,32]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstCSStr32_64_RNC	hua_rnc_rab_estcsrnc_tab.tapmprvkn6cvergsbnidtchtkm	INTEGER	#	Number of CS RABs requested to establish for streaming services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				(Max DL bit rate in (32,64]kbps)		
VS_RAB_Num_CS_Mean	hua_rnc_rab_estcsrnc_tab.x60vikeknxcmqr1hepc30voow4	FLOAT	#	Average number of CS RABs in a measurement period.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RAB_SucEstCSConv0_32_RNC	hua_rnc_rab_estcsrnc_tab.yw444q0ai4cehd222rk00j1xqn	INTEGER	#	Number of CS RABs successfully established for conversational services (Max DL bit rate in [0,32]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstCSConv32_64_RNC	hua_rnc_rab_estcsrnc_tab.v1s6djb2uycqpcje3qo3yc2pwg	INTEGER	#	Number of CS RABs successfully established for conversational services (Max DL bit rate in (32,64]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_RAB_SucEstCSStr0_32_RNC	hua_rnc_rab_estcsrnc_tab.tbpiiykkskcbrbnufiob5xfro6	INTEGER	#	Number of CS RABs successfully established for streaming services (Max DL bit rate in [0,32]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstCSStr32_64_RNC	hua_rnc_rab_estcsrnc_tab.ry0hwiwwpjbtbrc5cywlkeqcrg	INTEGER	#	Number of CS RABs successfully established for streaming services (Max DL bit rate in (32,64]kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.20RNC.Huawei.UMTS.RAB_Establish_Fail_CS_RNC

RAB Establish Fail CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_FailEstabCSNoQueuing_DirRetry	hua_rnc_rab_estfaicsrnc_tab.ryxcmmpmtdcfpctn6w5y2rc3qj	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Direct	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				retry		
RAB_FailEstabCSNoQueuing_DLGrateUnavail	hua_rnc_rab_estfaicsrnc_tab.t3kuiufniecjscrj4bt6dq5fvw	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested guaranteed bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSNoQueuing_DLMaxrateUnavail	hua_rnc_rab_estfaicsrnc_tab.tgqwojxkvlcr2ette4ro0pcor0	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested max bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSNoQueuing_InvGrate	hua_rnc_rab_estfaicsrnc_tab.vuseu6ftrrcjadggkh554yuh3q	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Condition violation for guaranteed bit rate	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSNoQueuing_InvRABId	hua_rnc_rab_estfaicsrnc_tab.xlalye5vf1cgcsow1d1dgteldk	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Invalid RAB ID	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSNoQueuing_InvRABparam	hua_rnc_rab_estfaicsrnc_tab.uxcu5v4hgiclotx0xc154k1uj3	INTEGER	#	The numbers of CS RABs established unsuccessfully on request	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				due to Invalid RAB parameters value		hubpslbh
RAB_FailEstabCS NoQueuing_InvRA BPComb	hua_rnc_rab_estfaicsrnc_t ab.wc0fucqxxibxybcf4po m2obnvg	INTEG ER	#	The numbers of CS RABs established unsuccessfull y on request due to Invalid RAB parameters combination	Sum	hub99psl bh, hubcslbh, hubhsdpa bh, hubpslbh
RAB_FailEstabCS NoQueuing_InvSD Uparam	hua_rnc_rab_estfaicsrnc_t ab.rqwexvl4dvb1kcp6ooy wbj3md1	INTEG ER	#	The numbers of CS RABs established unsuccessfull y on request due to Condition violation for SDU parameters	Sum	hub99psl bh, hubcslbh, hubhsdpa bh, hubpslbh
RAB_FailEstabCS NoQueuing_InvTrf Pri	hua_rnc_rab_estfaicsrnc_t ab.yiun4clbehbgnbdojsice w1d0i	INTEG ER	#	The numbers of CS RABs established unsuccessfull y on request due to Condition violation for traffic handling priority	Sum	hub99psl bh, hubcslbh, hubhsdpa bh, hubpslbh
RAB_FailEstabCS NoQueuing_IUEst abFail	hua_rnc_rab_estfaicsrnc_t ab.uga0dlsaocbdwclfr5tqkt 2aga	INTEG ER	#	The numbers of CS RABs established unsuccessfull y on request	Sum	hub99psl bh, hubcslbh, hubhsdpa bh,

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				due to IU transport connection failed to establish		hubpslbh
RAB_FailEstabCS NoQueuing_MaxrateUnavail	hua_rnc_rab_estfaicsrnc_tab.vqjmoefjuscelsahdwxys3nmyl	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested max bit rate not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS NoQueuing_RelocTrig	hua_rnc_rab_estfaicsrnc_tab.x5jd3kvyghb0gct50qmdnaetdi	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Relocation triggered	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS NoQueuing_ResUnavail	hua_rnc_rab_estfaicsrnc_tab.thei2kt4tubn0ejnpgyf12td21	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to No resource available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS NoQueuing_TrfClassUnavail	hua_rnc_rab_estfaicsrnc_tab.vwx1q5hfuvbakt3ox3auoq0p35	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested traffic class not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS NoQueuing_ULGrateUnavail	hua_rnc_rab_estfaicsrnc_tab.xwo011akp3cocbodjersybfxaq	INTEGER	#	The numbers of CS RABs established unsuccessfull	Sum	hub99pslbh, hubcslbh, hubhsdpa

				y on request due to Requested guaranteed bit rate on UL not available		bh, hubpslbh
RAB_FailEstabCS NoQueuing_ULMaxrateUnavail	hua_rnc_rab_estfaicsrnc_tab.xn5nr2tyttbxqt3yvoy2jixso1	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested max bit rate on UL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS NoQueuing_UPverUnsupp	hua_rnc_rab_estfaicsrnc_tab.xp1ur2hrqgbgnc45gt25vvoae3	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to User plane versions not supported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS Queuing_DirRetry	hua_rnc_rab_estfaicsrnc_tab.ukvdwrlyptbdos2u1mqtuxtuwq	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Direct retry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCS Queuing_DLGrateUnavail	hua_rnc_rab_estfaicsrnc_tab.tx1ghb0nxcbhucejtticcoksxx	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				guaranteed bit rate on DL not available		
RAB_FailEstabCSQueuing_DLMaxrateUnavail	hua_rnc_rab_estfaicsrnc_tab.yvfbuswdj4cdyd4rvov565gbfm	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested max bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_IUEstabFail	hua_rnc_rab_estfaicsrnc_tab.vjpyllwf6vbxhe6m33myvw04a2	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to IU transport connection failed to establish	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_RadioFail	hua_rnc_rab_estfaicsrnc_tab.sbg4ywgme2crsbmu46j24q1bqo	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Failure in the radio interface procedure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_RelocTrig	hua_rnc_rab_estfaicsrnc_tab.r20bmk2ghoc1brl3vyj4kuddpb	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Relocation triggered	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_ReqSupsed	hua_rnc_rab_estfaicsrnc_tab.tavs3i53frbcdt4t1hxqybf0d4	INTEGER	#	The numbers of CS RABs established	Sum	hub99pslbh, hubcslbh,

				unsuccessfully on request due to Request superceded		hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_ResUnavail	hua_rnc_rab_estfaicsrnc_tab.xqxsdmsor4c2qti0c46m3ea4lf	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to No resource available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_TqueExp	hua_rnc_rab_estfaicsrnc_tab.xs3y5b66jub3bdk05dg3wr4tac	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Tqueing Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_ULGrateUnavail	hua_rnc_rab_estfaicsrnc_tab.s0gq41prhnc2xb4matlb4p3gy6	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested guaranteed bit rate on UL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabCSQueuing_ULMaxrateUnavail	hua_rnc_rab_estfaicsrnc_tab.xoippkcvwkbphb2k1q0trn1tbh	INTEGER	#	The numbers of CS RABs established unsuccessfully on request due to Requested max bit rate	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				on UL not available		

6.42.21RNC.Huawei.UMTS.RAB_Establish_Fail_PS_RNC

RAB Establish Fail PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_FailEstabPSNoQueuing_DLGrateUnavail	hua_rnc_rab_estfaipsrnc_tab.tedqeinchdcjmdfuypofrurtg5	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested guaranteed bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_DLMaxrateUnavail	hua_rnc_rab_estfaipsrnc_tab.utbds6wxsobyseuik3xujalxle	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested max bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvGrate	hua_rnc_rab_estfaipsrnc_tab.uj35prkockcgbdfwiimy4syjgb	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Condition violation for guaranteed bit rate	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvRABId	hua_rnc_rab_estfaipsrnc_tab.rhklr54ad4coddvi2wjdcorni5	INTEGER	#	The numbers of PS RABs established	Sum	hub99pslbh, hubcslbh,

				unsuccessfully on request due to Invalid RAB ID		hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvRABparam	hua_rnc_rab_estfaipsrnc_tab.yptpml4hlfckfcw10ip5be1idl	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Invalid RAB parameters value	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvRABPComb	hua_rnc_rab_estfaipsrnc_tab.so0tteogyabiodgtls2y6abjlm	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Invalid RAB parameters combination	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvSDUparam	hua_rnc_rab_estfaipsrnc_tab.tno2pjxvuwcsfsp45ey1mwip3t	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Condition violation for SDU parameters	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSNoQueuing_InvTrfPri	hua_rnc_rab_estfaipsrnc_tab.soosqg2lt5cf3dw4v5g5cen3nx	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Condition	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				violation for traffic handling priority		
RAB_FailEstabPS NoQueuing_IUEstabFail	hua_rnc_rab_estfaipsrnc_tab.ype36pctflcx6sgh4jui2110cq	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to IU transport connection failed to establish	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_RelocTrig	hua_rnc_rab_estfaipsrnc_tab.xr5ckkdnehbciculn3dvsaafjg	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Relocation triggered	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_ReqSupsed	hua_rnc_rab_estfaipsrnc_tab.wctsblgi3fcflcnyvmi46ywebe	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Request superceded	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_ResUnavail	hua_rnc_rab_estfaipsrnc_tab.v3qhugnowlb6bdeorq6aqpv02r	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to No resource available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_TrDelayUnavail	hua_rnc_rab_estfaipsrnc_tab.yq6cehd6d3bbuchdcdp0u66alt	INTEGER	#	The numbers of PS RABs established unsuccessfully on request	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				due to Requested transfer delay not achievable		hubpslbh
RAB_FailEstabPS NoQueuing_TrfClassUnavail	hua_rnc_rab_estfaipsrnc_tab.y3wdtlcncxb5osoqqfqvyojd1g	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested traffic class not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_ULGrateUnavail	hua_rnc_rab_estfaipsrnc_tab.ruqi2bl2lpcyntit0oqv2j0n3t	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested guaranteed bit rate on UL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_ULMaxrateUnavail	hua_rnc_rab_estfaipsrnc_tab.sfoo1e6ixhbbtbj4fje6ch2enr	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested max bit rate on UL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS NoQueuing_UPverUnsupp	hua_rnc_rab_estfaipsrnc_tab.uevklxtuaqcbvuuo42nb32ijac	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to User	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				plane versions not supported		
RAB_FailEstabPSQueuing_DirRetry	hua_rnc_rab_estfaipsrnc_tab.vsv0foyjxpbn4t6vefvhfyy6s1	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Direct retry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSQueuing_DLGrateUnavail	hua_rnc_rab_estfaipsrnc_tab.yg5404fcyhbq2t1pwlw60cfh55	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested guaranteed bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSQueuing_DLMaxrateUnavail	hua_rnc_rab_estfaipsrnc_tab.y2xs1l5fsubjuuhsubhsha6eiy	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested max bit rate on DL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSQueuing_IUEstabFail	hua_rnc_rab_estfaipsrnc_tab.uuuite1g30cuec3pbbmg0cugh6	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to IU transport connection failed to establish	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSQueuing_RadioFail	hua_rnc_rab_estfaipsrnc_tab.t2jjf2gtbhcnds42iqekd4ivjo	INTEGER	#	The numbers of PS RABs established unsuccessfull	Sum	hub99pslbh, hubcslbh, hubhsdpa

				y on request due to Failure in the radio interface procedure		bh, hubpslbh
RAB_FailEstabPS Queuing_RelocTrig	hua_rnc_rab_estfaipsrnc_tab.swvcbssw25brhc22r0uirajgww	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Relocation triggered	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS Queuing_ReqSupsed	hua_rnc_rab_estfaipsrnc_tab.rro3lpra44cucb4d1uqbbquhyp	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Request superceded	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS Queuing_ResUnavail	hua_rnc_rab_estfaipsrnc_tab.spjis3lqmtcabec1dxf3ys2dyv	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to No resource available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS Queuing_TqueExp	hua_rnc_rab_estfaipsrnc_tab.x15y606dhnboxcviqoaah3pvrw	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Tqueing Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPS	hua_rnc_rab_estfaipsrnc_t	INTEG	#	The numbers	Sum	hub99psl

Queuing_ULGrateUnavail	ab.uaq546v4j6bkkb11iq2fcfch6x	ER		of PS RABs established unsuccessfully on request due to Requested guaranteed bit rate on UL not available		bh, hubcslbh, hubhsdpabh, hubpslbh
RAB_FailEstabPSQueuing_ULMaxrateUnavail	hua_rnc_rab_estfaipsrnc_tab.x5xyf6flbscvjuhjouiuihd5f1	INTEGER	#	The numbers of PS RABs established unsuccessfully on request due to Requested max bit rate on UL not available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.22RNC.Huawei.UMTS.RAB_Establishment_PS_Attempts_RNC

RAB Establishment PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_AttEstabPS_Bgrd	hua_rnc_rab_estpsattrnc_tab.yq0xfteuyec10cpcejf6sb2y6y	INTEGER	#	Number of the PS RABs requested to establish for background services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_AttEstabPS_Conv	hua_rnc_rab_estpsattrnc_tab.xljvrfkpttbofu0g5b6cfm1pqk	INTEGER	#	Number of the PS RABs requested to establish for conversational services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_AttEstabPS_Intact	hua_rnc_rab_estpsattrnc_tab.ua1olnma4hbyoskl3lo3j101h2	INTEGER	#	Number of the PS RABs requested to establish for	Sum	hub99pslbh, hubcslbh, hubhsdpa

				interactive services		bh, hubpslbh
RAB_AttEstabPS_Strm	hua_rnc_rab_estpsattrnc_tab.rbqe43phrtcsmcgj42l24hxamp	INTEGER	#	Number of the PS RABs requested to establish for streaming services	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstabPS_128_RNC	hua_rnc_rab_estpsattrnc_tab.sauf24xrirc1nrlevuhfpqptdf	INTEGER	#	Obsolete from UTRAN/V900 R011:The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish (Max DL bit rate = 128 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstabPS_384_RNC	hua_rnc_rab_estpsattrnc_tab.t5b0f34s1ybncrc5dpwocw6vvd	INTEGER	#	Obsolete from UTRAN/V900 R011:The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				requested to establish (Max DL bit rate = 384 kbps)		
VS_RAB_AttEstabPS_64_RNC	hua_rnc_rab_estpsattrnc_tab.t26dfrmlwubojs2m5my24c1ded	INTEGER	#	Obsolete from UTRAN/V900R011:The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish (Max DL bit rate = 64 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstabPS_CMB_Rnc	hua_rnc_rab_estpsattrnc_tab.rlrxvw2lxbccve46yoangargnw	INTEGER	#	Obsolete from UTRAN/V100V200R011:The above item provides the number of the CMB RABs requested to establish in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSBkg0_32_RNC	hua_rnc_rab_estpsattrnc_tab.xru6pcdftubcitsv34ohhaicw1	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				establish for background services (Max DL bit rate in [0,32] kbps)		
VS_RAB_AttEstPSBkg144384_RNC	hua_rnc_rab_estpsattrnc_tab.tsjtcqfrepbkmrybjubdblqhr1	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for background services (Max DL bit rate in [144,384] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSBkg32_64_RNC	hua_rnc_rab_estpsattrnc_tab.w0xbttk4ikc3ibtjfx3j5ibuqt	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for background services (Max DL bit rate in [32,64] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_RAB_AttEstPSBkg64_144_RNC	hua_rnc_rab_estpsattrnc_tab.wuw5jq26abbptdvwenw1xjltre	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for background services (Max DL bit rate in [64,144] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSBkgMor384_RNC	hua_rnc_rab_estpsattrnc_tab.ypinnj0dtvbgpuxo1bq554ibnr	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for background services (Max DL bit rate more than 384 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSConv0_32_RNC	hua_rnc_rab_estpsattrnc_tab.yejsycobmwbndc5fc2q6u0l6or	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				of PS RABs requested to establish for conversational services (Max DL bit rate in [0,32] kbps)		
VS_RAB_AttEstPSConvMor32_RNC	hua_rnc_rab_estpsattrnc_tab.xy2ysusappcf4shiggkkoon1xb	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for conversational services (Max DL bit rate more than 32 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSInt0_32_RNC	hua_rnc_rab_estpsattrnc_tab.wdi1a5id0vbfrb2xdkbkvdeab1	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for interactive services (Max	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				DL bit rate in [0,32] kbps)		
VS_RAB_AttEstPSInt144384_RNC	hua_rnc_rab_estpsattrnc_tab.yeo01lfuoqc2lr344rxdwmll10	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for interactive services (Max DL bit rate in [144,384] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSInt32_64_RNC	hua_rnc_rab_estpsattrnc_tab.vfprhodmbib0vsrky0i36f2r11	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for interactive services (Max DL bit rate in [32,64] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSInt64_144_RNC	hua_rnc_rab_estpsattrnc_tab.rrygqxh3mxcrbsker2fjdstvnk	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				and maximum downlink bit rates, Number of PS RABs requested to establish for interactive services (Max DL bit rate in [64,144] kbps)		
VS_RAB_AttEstPSIntMor384_RNC	hua_rnc_rab_estpsattrnc_tab.ymo1hepyrpck5elqk0wtm1wfya	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for interactive services (Max DL bit rate more than 384 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSStr0_32_RNC	hua_rnc_rab_estpsattrnc_tab.wktjv1av1wcnht6scqqqs0awja	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				establish for streaming services (Max DL bit rate in [0,32] kbps)		
VS_RAB_AttEstPSStr144384_RNC	hua_rnc_rab_estpsattrnc_tab.u1wdh5ds4sbotd1iooaaeixhil	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for streaming services (Max DL bit rate in [144,384] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSStr32_64_RNC	hua_rnc_rab_estpsattrnc_tab.sq2c1vbnv0bpxd1400o1efgo53	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for streaming services (Max DL bit rate in [32,64] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttEstPSStr64_144_RNC	hua_rnc_rab_estpsattrnc_tab.sosfhpt5hjc3idfys2etf1k3bm	INTEGER	#	The numbers of PS RABs requested to establish in the	Sum	hub99pslbh, hubcslbh, hubhsdpa

				RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for streaming services (Max DL bit rate in [64,144] kbps)		bh, hubpslbh
VS_RAB_AttEstPSStrMor384	hua_rnc_rab_estpsattrnc_tab.stdyp20fggbyabaxn4aujasa2e	INTEGER	#	The numbers of PS RABs requested to establish in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs requested to establish for streaming services (Max DL bit rate more than 384 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_Num_PS_Mean	hua_rnc_rab_estpsattrnc_tab.wnveitxix4ccit3ovejpokqfq6	FLOAT	#	Average number of PS RABs in a measurement period.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum,

						Maximum

6.42.23RNC.Huawei.UMTS.RAB_Establishment_PS_RNC

Successful PS RAB Establishments and Setup delays

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_SuccEstabPs_RNC_Rate	hua_rnc_rab_est_ps_rnc_tab.xlsny1xlui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:RAB SuccEstabPs RNC Rate	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
RAB_SuccEstabPS NoQueuing_Bgrd	hua_rnc_rab_est_ps_rnc_tab.rgh1ivbslcbjtshg3h6b6ans2f	INTEGER	#	Numbers of PS RABs Established Successfully for Background Service (No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPS NoQueuing_Conv	hua_rnc_rab_est_ps_rnc_tab.vst1ifgvxjcbyd3o35wfariecf	INTEGER	#	Numbers of PS RABs Established Successfully for Conversational Service (No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPS NoQueuing_Intact	hua_rnc_rab_est_ps_rnc_tab.u2jihhu22sck0b3q5nul43ij32	INTEGER	#	Numbers of PS RABs Established	Sum	hub99pslbh, hubcslbh

				Successfully for Interactive Service (No Queuing)		, hubhsdpabh, hubpslbh
RAB_SuccEstabPS NoQueuing_Strm	hua_rnc_rab_est_ps_rnc_tab.vei3rwosg6bcheivu5suk50j3y	INTEGER	#	Numbers of PS RABs Established Successfully for Streaming Service (No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPS Queuing_Bgrd	hua_rnc_rab_est_ps_rnc_tab.w12vnsxqpkcqnbiafpsniwddwf	INTEGER	#	Numbers of PS RABs Established Successfully for Background Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPS Queuing_Conv	hua_rnc_rab_est_ps_rnc_tab.u2ih3k3ommbrrs4koevt2uxp53	INTEGER	#	Numbers of PS RABs Established Successfully for Conversational Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPS Queuing_Intact	hua_rnc_rab_est_ps_rnc_tab.xqk0sd25nnbyybbvhfnw0b2tfc	INTEGER	#	Numbers of PS RABs Established Successfully for Interactive Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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RAB_SuccEstabPS Queuing_Strm	hua_rnc_rab_est_ps_rnc_tab.tpmmi4pi2rb1rrcf63rcslvt0s	INTEGER	#	Numbers of PS RABs Established Successfully for Streaming Service (Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPSSetupTime_Cum	hua_rnc_rab_est_ps_rnc_tab.s5pbgt5ospcb6ebb5e4vnexiq3	INTEGER	milliseconds	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPSSetupTime_Sample	hua_rnc_rab_est_ps_rnc_tab.xi4b6wodayc6tr44clxs1bl6yq	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPSSetupTimeMax	hua_rnc_rab_est_ps_rnc_tab.w6153l51uob5meex5fn6doww30	INTEGER	milliseconds	Maximum Signalling Delays of CS RAB Setup	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccEstabPSSetupTimeMean	hua_rnc_rab_est_ps_rnc_tab.tsimmkptlkcpmeg2cvxscl353u	FLOAT	milliseconds	Mean Signalling Delays of CS RAB Setup	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RAB_PSSetupTimeCCH_Cum	hua_rnc_rab_est_ps_rnc_tab.y6cdy3yvnoc5jcm5eqjj	INTEGER	milliseconds	Signalling delay of PS	Sum	hub99pslbh,

	p2sk4t			RAB setup on CCH. cumulative value		hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeCCH_Sample	hua_rnc_rab_est_ps_rnc_tab.wrc1f2vi4ebwlugrlw6v4cixf2	INTEGER	#	Signalling delay of PS RAB setup on CCH. sample value	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeDCH_Cum	hua_rnc_rab_est_ps_rnc_tab.s2hwadommiblgb3iin0swrgmn0	INTEGER	milliseconds	Signalling delay of PS RAB setup on DCH. Cumulative value.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeDCH_Max	hua_rnc_rab_est_ps_rnc_tab.xblllcvuadciur11gollcrfxjc	INTEGER	milliseconds	Maximum signalling delay of PS RAB setup on DCH	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeDCH_Mean	hua_rnc_rab_est_ps_rnc_tab.suxved14iochkd4q0vi1foto62	FLOAT	milliseconds	Average signalling delay of PS RAB setup on DCH	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

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VS_RAB_PSSetupTimeDCH_Sample	hua_rnc_rab_est_ps_rnc_tab.vpqjamscyybmpu2gyl2iyxesis	INTEGER	#	Signalling delay of PS RAB setup on DCH. Sample value.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeMax_CCH	hua_rnc_rab_est_ps_rnc_tab.w1agciku2ebsrdr26m2kl2qv5d	INTEGER	milliseconds	Maximum signalling delay of PS RAB setup on CCH	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_PSSetupTimeMean_CCH	hua_rnc_rab_est_ps_rnc_tab.rerv62a6owbulu3lv54w3mrspa	FLOAT	milliseconds	Average signalling delay of PS RAB setup on CCH	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RAB_Suc_Est_PS_0kbps_RNC	hua_rnc_rab_est_ps_rnc_tab.xlsny1vlui2aidkrb02ofawjhk	INTEGER	#	UE establishes with 0kbps even when resource is limited. This measurement item takes statistics of the time of RAB establisted successfully with 0kbps in RNC level.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_RAB_SuccEstabPS_128_RNC	hua_rnc_rab_est_ps_rnc_tab.r1mssfoyehbmeeqnkexh1ewhuh	INTEGER	#	Obsolete from UTRAN/V900R011:The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established (Max DL bit rate = 128 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccEstabPS_384_RNC	hua_rnc_rab_est_ps_rnc_tab.xsewahrik1b6hbknuc2din425x	INTEGER	#	Obsolete from UTRAN/V900R011:The numbers of PS RABs successfully established in the RNC according to different traffic classes and	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				maximum downlink bit rates, Number of PS RABs successfully established (Max DL bit rate = 384 kbps)		
VS_RAB_SuccEstabPS_64_RNC	hua_rnc_rab_est_ps_rnc_tab.rmlm41vjabcubsymexovd06qk4	INTEGER	#	Obsolete from UTRAN/V900R011:The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established (Max DL bit rate = 64 kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccEstabPS_CMB_Rnc	hua_rnc_rab_est_ps_rnc_tab.v0c0xoouqycnjrjowfltryueyo	INTEGER	#	Obsolete from UTRAN/V100V200R011:The above item provides the number	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				of the CMB RABs established successfully in the RNC		
VS_RAB_SucEstPSBkg0_32_RNC	hua_rnc_rab_est_ps_rnc_tab.xhn1fpg6grb4eec3apvgnhwjc1	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for background services (Max DL bit rate in [0,32] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSBkg144384_RNC	hua_rnc_rab_est_ps_rnc_tab.r5botnwnybbh2rfmpjvitrna20	INTEGER	#	The numbers of PS RABs successfully established in the RNC according	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for background services (Max DL bit rate in (144,384] kbps)		
VS_RAB_SucEstPSBkg32_64_RNC	hua_rnc_rab_est_ps_rnc_tab.tmrjhedicebcgehlhbsjkgk13r	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for background services (Max DL bit rate in (32,64] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPS	hua_rnc_rab_est_ps_rnc_t	INTE	#	The	Sum	hub99psl

Bkg64_144_RNC	ab.s3y2rssk62b56scmwqavluu3kc	GER		numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for background services (Max DL bit rate in (64,144] kbps)		bh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSBkgMor384_RNC	hua_rnc_rab_est_ps_rnc_tab.xw5gtu2gddcrfc1gdmk3q42l6g	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				successfully established for background services (Max DL bit rate more than 384 kbps)		
VS_RAB_SucEstPSConv0_32_RNC	hua_rnc_rab_est_ps_rnc_tab.xmsmjajkmibngs0i5hvh3nvu5k	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for conversational services (Max DL bit rate in [0,32] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSConvMor32_RNC	hua_rnc_rab_est_ps_rnc_tab.xr320jaxmccbgew5w2yfsui15q	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for conversational services (Max DL bit rate more than 32 kbps)		
VS_RAB_SucEstPSInt0_32_RNC	hua_rnc_rab_est_ps_rnc_tab.ubxf6pxjvibgfduejqc1hqnqjn	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for interactive services (Max DL bit rate in	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				[0,32] kbps)		
VS_RAB_SucEstPSInt144384_RNC	hua_rnc_rab_est_ps_rnc_tab.y5cjagvajlcssum11eq3d6gwmx	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for interactive services (Max DL bit rate in (144,384] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSInt32_64_RNC	hua_rnc_rab_est_ps_rnc_tab.ulf2x3r6p5cy1tat2l1t0jac5q	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfull	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				y established for interactive services (Max DL bit rate in (32,64] kbps)		
VS_RAB_SucEstPSInt64_144_RNC	hua_rnc_rab_est_ps_rnc_tab.r2djsfoj5kbp2ubvl1563cfc42	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for interactive services (Max DL bit rate in (64,144] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSIntMor384_RNC	hua_rnc_rab_est_ps_rnc_tab.r31nmupnw4cq5soclts bll4joh	INTEGER	#	The numbers of PS RABs successfully	Sum	hub99pslbh, hubcslbh, hubhsdp

				established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for interactive services (Max DL bit rate more than 384 kbps)		abh, hubpslbh
VS_RAB_SucEstPSStr0_32_RNC	hua_rnc_rab_est_ps_rnc_tab.uddgeqtnekch3rqclmfufuuxap	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for streaming services (Max DL bit rate in	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				[0,32] kbps)		
VS_RAB_SucEstPSStr144384_RNC	hua_rnc_rab_est_ps_rnc_tab.sxvaer6i56ctadweytt2h0bgy2	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for streaming services (Max DL bit rate in (144,384] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSStr32_64_RNC	hua_rnc_rab_est_ps_rnc_tab.sg5p0txjgvc5htalyxyfxyih3a	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				downlink bit rates, Number of PS RABs successfully established for streaming services (Max DL bit rate in (32,64] kbps)		
VS_RAB_SucEstPSStr64_144_RNC	hua_rnc_rab_est_ps_rnc_tab.seqggscbwiccerms22rifjh4jj	INTEGER	#	The numbers of PS RABs successfully established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for streaming services (Max DL bit rate in (64,144] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SucEstPSStrMor384_RNC	hua_rnc_rab_est_ps_rnc_tab.v1w6lkrf01cutuy1wqhmeuptuc	INTEGER	#	The numbers of PS RABs successfully	Sum	hub99pslbh, hubcslbh, hubhsdp

				established in the RNC according to different traffic classes and maximum downlink bit rates, Number of PS RABs successfully established for streaming services (Max DL bit rate more than 384 kbps)		abh, hubpslbh

6.42.24RNC.Huawei.UMTS.RAB_Loss_PLMN_RNC

RAB Loss PLMN RNC data

The performance data measurements for this KPI group are recorded against the combination of RNC and CNOPERATOR (cnoperator_id)

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_Loss_AMR_Abnorm_PLMN_RNC	hua_rnc_rabloss_tab.xlsnygdlui2aidkrb02ofawjhk	INTEGER	#	VS RAB Loss AMR Abnorm PLMN RNC	Sum	
VS_RAB_Loss_AMR_Norm_PLMN_RNC	hua_rnc_rabloss_tab.xlsnygflui2aidkrb02ofawjhk	INTEGER	#	VS RAB Loss AMR Norm PLMN RNC	Sum	
VS_RAB_Loss	hua_rnc_rabloss_tab.xlsn	INTEG	#	VS RAB Loss	Sum	

_CS64_Abnorm_PLMN_RNC	yghlui2aidkrb02ofawjhk	ER		CS64 Abnorm PLMN RNC		
VS_RAB_Loss_CS64_Norm_PLMN_RNC	hua_rnc_rabloss_tab.xlsnygjlui2aidkrb02ofawjhk	INTEGER	#	VS RAB Loss CS64 Norm PLMN RNC	Sum	
VS_RAB_Loss_PS_Abnorm_PLMN_RNC	hua_rnc_rabloss_tab.xlsnygllui2aidkrb02ofawjhk	INTEGER	#	VS RAB Loss PS Abnorm PLMN RNC	Sum	
VS_RAB_Loss_PS_Norm_PLMN_RNC	hua_rnc_rabloss_tab.xlsnygnlui2aidkrb02ofawjhk	INTEGER	#	VS RAB Loss PS Norm PLMN RNC	Sum	

6.42.25RNC.Huawei.UMTS.RAB_Modify_CS_RNC

RAB Modify CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccModCS_Conv_RNC	100 * {VS_RAB_SuccModCS_Conv_RNC}/ {VS_RAB_AttModCS_Conv_RNC}	FLOAT	%	Percentage CS conversational service RABs successfully modified	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_RAB_SuccModCS_Str_RNC	100 * {VS_RAB_SuccModCS_Str_RNC}/ {VS_RAB_AttModCS_Str_RNC}	FLOAT	%	Percentage CS streaming service RABs successfully modified	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModCSNoQueuing_Conv	hua_rnc_rab_modcsrnc_tab.ub2wglniyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of CS conversational service RABs successfully	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				modified(No Queuing)		
RAB_SuccModCS NoQueuing_Strm	hua_rnc_rab_modcsrnc_tab.ub2wglpiyy2ahdha0035xkcuc6	INTEGER	#	Number of CS streaming service RABs successfully modified(No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModCS Queuing_Conv	hua_rnc_rab_modcsrnc_tab.ub2wglriyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of CS conversational service RABs successfully modified(Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModCS Queuing_Strm	hua_rnc_rab_modcsrnc_tab.ub2wgltiyy2ahdha0035xkcuc6	INTEGER	#	Number of CS streaming service RABs successfully modified(Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_FBack_RABModReqCs_Conv_RNC	hua_rnc_rab_modcsrnc_tab.ub2wgstiyy2ahdha0035xkcuc6	INTEGER	#	Number of RNC-initiated service change and UDI fallback.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttModCS_Conv_RNC	hua_rnc_rab_modcsrnc_tab.xwmsrhp1qcba1e6pkxpqehrwym	INTEGER	#	Number of CS conversational service RABs requested to modify	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_RAB_AttModCS_Str_RNC	hua_rnc_rab_modcsrnc_tab.y2bvor6d3ibqbt3rb3joe2pjdb	INTEGER	#	Number of CS streaming service RABs requested to modify	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccModCS_Conv_RNC	hua_rnc_rab_modcsrnc_tab.ypum5usf4wcd5ryhy1jcibrws4	INTEGER	#	Number of CS conversational service RABs successfully modified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccModCS_Str_RNC	hua_rnc_rab_modcsrnc_tab.uleb4g3wxbchhrhhtftwbd6w4d	INTEGER	#	Number of CS streaming service RABs successfully modified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.26RNC.Huawei.UMTS.RAB_Modify_PS_RNC

RAB Modify PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_RAB_SuccModPS_Bkg_RNC	100 * {VS_RAB_SuccModPS_Bkg_RNC}/ {VS_RAB_AttModPS_Bkg_RNC}	FLOAT	%	Percentage PS RABs of a traffic class successfully modified in the RNC, Number of PS background service RABs successfully modified	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_RAB_SuccModPS_Conv_RNC	100 * {VS_RAB_SuccModPS_Conv_RNC}/ {VS_RAB_AttModPS_Conv_RNC}	FLOAT	%	Percentage PS RABs of a traffic class successfully modified in	Average	hub99pslbh, hubcslbh, hubhsdpabh,

				the RNC, Number of PS streaming service RABs successfully modified		hubpslbh
_%_VS_RAB_SuccModPS_Int_RNC	100 * {VS_RAB_SuccModPS_Int_RNC}/ {VS_RAB_AttModPS_Int_RNC}	FLOAT	%	Percentage PS RABs of a traffic class successfully modified in the RNC, Number of PS interactive service RABs successfully modified	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
_%_VS_RAB_SuccModPS_Str_RNC	100 * {VS_RAB_SuccModPS_Str_RNC}/ {VS_RAB_AttModPS_Str_RNC}	FLOAT	%	Percentage PS RABs of a traffic class successfully modified in the RNC, Number of PS conversational service RABs successfully modified	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPSNoQueuing_Bgrd	hua_rnc_rab_modpsrnc_tab.ub2wglviyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS background service RABs successfully modified(No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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RAB_SuccModPS NoQueuing_Conv	hua_rnc_rab_modpsrnc_tab.ub2wglxiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS conversational service RABs successfully modified(No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPS NoQueuing_Intact	hua_rnc_rab_modpsrnc_tab.ub2wgm0iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS interactive service RABs successfully modified(No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPS NoQueuing_Strm	hua_rnc_rab_modpsrnc_tab.ub2wgm2iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS streaming service RABs successfully modified(No Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPS Queuing_Bgrd	hua_rnc_rab_modpsrnc_tab.ub2wgm4iyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS background service RABs successfully modified(Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPS Queuing_Conv	hua_rnc_rab_modpsrnc_tab.ub2wgm6iyy2ahdha003	INTEGER	#	Obsolete from	Sum	hub99pslbh,

	5xkcuc6			UTRAN/V900R011:Number of PS conversational service RABs successfully modified(Queuing)		hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPSQueuing_Intact	hua_rnc_rab_modpsrnc_tab.ub2wgmbiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS interactive service RABs successfully modified(Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RAB_SuccModPSQueuing_Strm	hua_rnc_rab_modpsrnc_tab.ub2wgmdiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of PS streaming service RABs successfully modified(Queuing)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttModPS_Bkg_RNC	hua_rnc_rab_modpsrnc_tab.wcrfegvpcvb4htgedsyju0i12v	INTEGER	#	The number of the PS RABs of a traffic class requested to modify in the RNC, Number of PS background service RABs requested to	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				modify		
VS_RAB_AttMod PS_Conv_RNC	hua_rnc_rab_modpsrnc_tab.ukb0cjleync6yu6a03kojv2msd	INTEGER	#	The number of the PS RABs of a traffic class requested to modify in the RNC, Number of PS conversational service RABs requested to modify	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttMod PS_Int_RNC	hua_rnc_rab_modpsrnc_tab.yxvp3ww1uychedddffqlbcqdhu	INTEGER	#	The number of the PS RABs of a traffic class requested to modify in the RNC, Number of PS interactive service RABs requested to modify	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttMod PS_Str_RNC	hua_rnc_rab_modpsrnc_tab.yt1d4m0wv6bb1rlog5oii0g4hg	INTEGER	#	The number of the PS RABs of a traffic class requested to modify in the RNC, Number of PS streaming service RABs requested to modify	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_FailMod PS_RNC	hua_rnc_rab_modpsrnc_tab.r5ubw3xbx2cgnrkjxardkrxsls	INTEGER	#	This item provides the number of PS RABs unsuccessfull	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				y modified in the RNC.		hubpslbh
VS_RAB_SuccModPS_Bkg_RNC	hua_rnc_rab_modpsrnc_tab.sslk4yprmob1jeltqhqa6mxedn	INTEGER	#	The number of the PS RABs of a traffic class successfully modified in the RNC, Number of PS background service RABs successfully modified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccModPS_Conv_RNC	hua_rnc_rab_modpsrnc_tab.r4y5jjur52bevc3rgjf6i6k1po	INTEGER	#	The number of the PS RABs of a traffic class successfully modified in the RNC, Number of PS streaming service RABs successfully modified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccModPS_Int_RNC	hua_rnc_rab_modpsrnc_tab.w0h6vfld2kbequmorbn6uuvorl	INTEGER	#	The number of the PS RABs of a traffic class successfully modified in the RNC, Number of PS interactive service RABs successfully modified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccMo	hua_rnc_rab_modpsrnc_ta	INTEG	#	The number	Sum	hub99psl

dPS_Str_RNC	b.y2qilwe223cgnr2qxmfp3yea4n	ER		of the PS RABs of a traffic class successfully modified in the RNC, Number of PS conversational service RABs successfully modified		bh, hubcslbh, hubhsdpabh, hubpslbh

6.42.27RNC.Huawei.UMTS.RAB_Release_CMB_RNC

RAB CMB RRC signalling release measurement

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_UlSigRel_CMB_RNC	hua_rnc_rr_cmb_tab.uuo23ifilk2ahdh6b035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:Numbers of RRC SIG RELEASE IND (CMB)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.28RNC.Huawei.UMTS.RAB_Release_CS_RNC

RAB Release CS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RAB_AttRelCS_sum	hua_rnc_rabrelcsrnc_tab.ub2wglliyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_AttRelCS_Conv_RNC	hua_rnc_rabrelcsrnc_tab.yhlom1nnx3bnicsgkllqjs5avq	INTEGER	#	Number of CS conversational service RABs requested to	Sum	hub99pslbh, hubcslbh, hubhsdpa

				release		bh, hubpslbh
VS_RAB_FailRelCS	hua_rnc_rabrelcsrnc_tab.uh2kkpliyy2ahdha0035xkcuc6	INTEGER	#	Number of the CS RABs requested to release unsuccessfully.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccRelCS	hua_rnc_rabrelcsrnc_tab.uh2kkr6iyy2ahdha0035xkcuc6	INTEGER	#	Number of the CS RABs requested to release successfully.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.29RNC.Huawei.UMTS.RAB_Release_PS_RNC

RAB release PS RNC data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RAB_FailRelPS	hua_rnc_rabrelpsrnc_tab.uh2kkpniyy2ahdha0035xkcuc6	INTEGER	#	Number of the CS RABs requested to release unsuccessfully.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RAB_SuccRelPS	hua_rnc_rabrelpsrnc_tab.uh2kkrbiyy2ahdha0035xkcuc6	INTEGER	#	Number of the PS RABs requested to release successfully.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.30RNC.Huawei.UMTS.RB_Usage_CS_Conv_RNC

RB Usage CS Conversational data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLConvCS_28_8_RNC	hua_rnc_rb_usgcscvrnc_tab.s6sn05ix46bauctg65usi0gffa	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvCS_32_RNC	hua_rnc_rb_usgcscvrnc_tab.ygsilhkwmecfqdw6fr53wgwgn5	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvCS_56_RNC	hua_rnc_rb_usgcscvrnc_tab.wponuyclplbl3bvuv6635mss56	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvCS_64_RNC	hua_rnc_rb_usgcscvrnc_tab.wfpjb2rmmcbdgecowk4uadieh3	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIO	Average	hub99pslbh, hubcslbh, hubhsdpa

				NAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		bh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvCS_28_8_RNC	hua_rnc_rb_usgcscvrnc_tab.w1qd0jjh3bcp0ux3eiakvxka22	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvCS_32_RNC	hua_rnc_rb_usgcscvrnc_tab.tl0d51vntccptd4rceva0moa0b	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvCS_56_RNC	hua_rnc_rb_usgcscvrnc_tab.vjpdyrnmdmcjptv5b4xpg20i31	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimu

				using the variable-rate in a RNC in the UL and DL directions.		m, Maximum
VS_RB_ULConvCS_64_RNC	hua_rnc_rb_usgcscvrnc_tab.wlxaj5yfb0clmbnmmr5xdsi3jv	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.31RNC.Huawei.UMTS.RB_Usage_CS_Stream_RNC

RB Usage CS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLStrCS_14_4_RNC	hua_rnc_rb_usgcsstrrnc_tab.vib5bfb3tmbrkbjbbli53p5roo	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrCS_28_8_RNC	hua_rnc_rb_usgcsstrrnc_tab.w0e0q0j5f4bdbsdqo5md1afkrt	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimu

				using the variable-rate in a RNC in the UL and DL directions.		m, Maximum
VS_RB_DLStrCS_57_6_RNC	hua_rnc_rb_usgcsstrrnc_tab.wixbm4amh0bgfbhj15l6bb15v0	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrCS_14_4_RNC	hua_rnc_rb_usgcsstrrnc_tab.ulgsn40eomb2wtb64v52wv6nd3	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrCS_28_8_RNC	hua_rnc_rb_usgcsstrrnc_tab.xvhwqaoibrbtuta3hqsen5kudp	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_RB_ULStrCS_57_6_RNC	hua_rnc_rb_usgcsstrrnc_tab.ul1pjjchp1b0ad6bubffi2d030	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.32RNC.Huawei.UMTS.RB_Usage_DRD_RNC

RB usage DRD RNC data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
_%_VS_DRD_RB_D2H_Succ_RNC	100 * {VS_DRD_RB_D2H_Succ_RNC}/{VS_DRD_RB_D2H_Att_RNC}	FLOAT	%	Percentage successful DRD procedure with channel transformation type of "DCH TO HSDPA" in RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRD_RB_D2H_Att_RNC	hua_rnc_rbusgdrd_tab.ub2wgrjiyy2ahdha0035xkcuc6	INTEGER	#	Number of DRD procedure attempted with channel transformation type of "DCH TO HSDPA" in RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRD_RB_D2H_Succ_RNC	hua_rnc_rbusgdrd_tab.ub2wgrhiyy2ahdha0035xkcuc6	INTEGER	#	Number of DRD procedure successfully executed with channel transformation type of "DCH TO HSDPA" in	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				RNC.		

6.42.33RNC.Huawei.UMTS.RB_Usage_PS_Bkg_RNC

RB Usage PS Background data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_DLBkgPS_128_RNC	hua_rnc_rb_usgpsbkgrnc_tab.weh2d0lf1sckvsjkmmgsnmnewg	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_144_RNC	hua_rnc_rb_usgpsbkgrnc_tab.ychj3fprhqckfs4qg5icgm0vs6	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_16_RNC	hua_rnc_rb_usgpsbkgrnc_tab.rcrtetmftdcqurwtjjuag3dsdx	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/B	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				ACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		, Sum, Minimum, Maximum
VS_RB_DLBkgPS_256_RNC	hua_rnc_rb_usgpsbkgrnc_tab.u6gen5q4nhbgitkfftr2hoaqj1	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_32_RNC	hua_rnc_rb_usgpsbkgrnc_tab.xmnuh2x2pnb3nr1ykwlebbggnj	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_384_RNC	hua_rnc_rb_usgpsbkgrnc_tab.ytjbiqpd3kbf1tljt4grl2eip1	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLB	hua_rnc_rb_usgpsbkgrnc_t	FLOA	#	The mean numbers	Average	hub99psl

kgPS_64_RNC	ab.tv6lysuyipbd4eilajnyee5teq	T		of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLBkgPS_8_RNC	hua_rnc_rb_usgpsbkgrnc_tab.xr43ruaggfbhhbd1s4ppwfqyls	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_128_RNC	hua_rnc_rb_usgpsbkgrnc_tab.vrtm5gyxecb3qs2h20ueuk5h1l	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_144_RNC	hua_rnc_rb_usgpsbkgrnc_tab.xuqenl65ttc6yd0wtgsrvtlkid	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/	Average	hub99pslbh, hubcslbh, hubhsdpabh,

				INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_16_RNC	hua_rnc_rb_usgpsbkgrnc_tab.wnl2dog32gbahssg14ndna1g6a	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_256_RNC	hua_rnc_rb_usgpsbkgrnc_tab.s6xae1iyp2bbkcxnfdb6wvfst2	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_32_RNC	hua_rnc_rb_usgpsbkgrnc_tab.v2g1g20jbvcfxuec45rodex6e1	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_RB_ULBkgPS_384_RNC	hua_rnc_rb_usgpsbkgrnc_tab.wo6swrdonmbhubrn4ahvs243tq	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_64_RNC	hua_rnc_rb_usgpsbkgrnc_tab.soiirsfwm3bxtbikgacdsaflaj	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULBkgPS_8_RNC	hua_rnc_rb_usgpsbkgrnc_tab.whfl0p053yctws1bqp0h1wovd6	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.34RNC.Huawei.UMTS.RB_Usage_PS_Conv_RNC

RB Usage PS Conversational data

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_RB_DLConvPS_16_RNC	hua_rnc_rb_usgpscvrnc_tab.xoyg0qtudsbeuuoejc2hrap02o	FLOAT	#	Number of conversational service RBs in PS domain at DL bit rate of 16 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_32_RNC	hua_rnc_rb_usgpscvrnc_tab.ukblsfh53ycogc03px1kal1vde	FLOAT	#	Number of conversational service RBs in PS domain at DL bit rate of 32 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_38_8_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjdmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in downlink 38.8kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_39_2_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjfmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in downlink 39.2kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum,

						Minimum, Maximum
VS_RB_DLConvPS_40_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjhmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in downlink 40kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_42_8_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjjmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in downlink 42.8kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_64_RNC	hua_rnc_rb_usgpscvrnc_tab.r21p656ge4ct0em2sclekh3q4s	FLOAT	#	Number of conversational service RBs in PS domain at DL bit rate of 64 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLConvPS_8_RNC	hua_rnc_rb_usgpscvrnc_tab.y1thc05li4bcqbv45if1wlwcbc	FLOAT	#	Number of conversational service RBs in PS domain at DL bit rate of 8 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

						, Sum, Minimum, Maximum
VS_RB_ULConvPS_16_RNC	hua_rnc_rb_usgpscvrnc_tab.s6b44tafmebcpsipn2l461yrsf	FLOAT	#	Number of conversational service RBs in PS domain at UL bit rate of 16 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_32_RNC	hua_rnc_rb_usgpscvrnc_tab.tosiq35ke3c1sev0pejhlq1se2	FLOAT	#	Number of conversational service RBs in PS domain at UL bit rate of 32 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_38_8_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjlmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in uplink 38.8kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULCo	hua_rnc_rb_usgpscvrnc_ta	FLOA	#	Number of PS	Average	hub99psl

nvPS_39_2_RNC	b.rdk5qjnmsh2aidksr02uay2nvm	T		conversational services in uplink 39.2kbps in the RNC.		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_40_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjpmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in uplink 40kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_42_8_RNC	hua_rnc_rb_usgpscvrnc_tab.rdk5qjrmsh2aidksr02uay2nvm	FLOAT	#	Number of PS conversational services in uplink 42.8kbps in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULConvPS_64_RNC	hua_rnc_rb_usgpscvrnc_tab.wnrduqxrcwbufdvy05f6ku1r3x	FLOAT	#	Number of conversational service RBs in PS domain at UL bit rate of 64 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_RB_ULConvPS_8_RNC	hua_rnc_rb_usgpscvrnc_tab.rt2qfe1dglbtidqey3djbb5ylj	FLOAT	#	Number of conversational service RBs in PS domain at UL bit rate of 8 kbit/s	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.35RNC.Huawei.UMTS.RB_Usage_PS_Global_RNC

RB Usage PS Global data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_AttRecfgPS_CMB_Rnc	hua_rnc_rb_usgpsglrnc_tab.ydhbjidl1ocule1r1hir0evdbk	INTEGER	#	Obsolete from UTRAN/V100V200R011:The item above provides the numbers of RB Reconfig about CMB service in RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RB_Loss_PS_0_64_RNC	hua_rnc_rb_usgpsglrnc_tab.tj3wmfmkggcvpeq5ynrggx4rt1	INTEGER	#	Number of released PS RBs triggered by RNC (Current DL bit rate in (0,64] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RB_Loss_PS_144_384_RNC	hua_rnc_rb_usgpsglrnc_tab.ytranywre2ccqdstv4yonej0t6	INTEGER	#	Number of released PS RABs triggered by RNC (Current DL bit	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				rate in (144,384] kbps)		hubpslbh
VS_RB_Loss_PS_64_144_RNC	hua_rnc_rb_usgpsglrnc_tab.xro6lwnk5obn3exogvvi v3larv	INTEGER	#	Number of released PS RABs triggered by RNC (Current DL bit rate in (64,144] kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RB_Loss_PS_MOR384_RNC	hua_rnc_rb_usgpsglrnc_tab.yin4kinyxlbndutpg0vue 2x1d0	INTEGER	#	Number of released PS RABs triggered by RNC (Current DL bit rate more than 384kbps)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RB_RateDown_To_0kbps_RNC	hua_rnc_rb_usgpsglrnc_tab.xlsny2flui2aidkrb02ofa wjhk	INTEGER	#	This measurement item takes statistics of the time of RAB rated down to 0kbps for low activity or other reasons in RNC level.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RB_SuccRecfgPS_CMB_Rnc	hua_rnc_rb_usgpsglrnc_tab.vycru6oqnjc6sdhsmerl0 yrfjw	INTEGER	#	Obsolete from UTRAN/V100V200R011:The item above provides the numbers of RB Reconfig successfully about CMB service in RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.36RNC.Huawei.UMTS.RB_Usage_PS_Stream_RNC

RB Usage PS Streaming data

KPI Name	Expression	Data Type	Units	Description	Default Aggrega	Other Aggrega

					tor	tors
VS_RB_DLStrPS_128_RNC	hua_rnc_rb_usgpsstrrnc_tab.uvo46nmggfcsmekcgqfkd1ggai	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_144_RNC	hua_rnc_rb_usgpsstrrnc_tab.y5ecxenlw2cupr1la4b3c4w6x3	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_16_RNC	hua_rnc_rb_usgpsstrrnc_tab.w26cc2d20cbodd5fif3xsnhrco	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_256_RN	hua_rnc_rb_usgpsstrrnc_tab.v00hv6mp3gct3e402uhi	FLOAT	#	The mean numbers of RBs whose	Average	hub99pslbh,

C	26d0hk			traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_32_RNC	hua_rnc_rb_usgpsstrrnc_tab.vahsqnyhgfcpsrnrq34ygksy5e	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_64_RNC	hua_rnc_rb_usgpsstrrnc_tab.tc1h30kp1ac2ldw2xy411wecfx	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_DLStrPS_8_RNC	hua_rnc_rb_usgpsstrrnc_tab.vbdh6gu21lc6udid5eileh6sbu	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

				the UL and DL directions.		m
VS_RB_ULStrPS_128_RNC	hua_rnc_rb_usgpsstrrnc_tab.vcu1vsq0ruc2ksnyusopvk5d64	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_144_RNC	hua_rnc_rb_usgpsstrrnc_tab.wuqy5h5entcd0ufw1ng5anxhns	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_16_RNC	hua_rnc_rb_usgpsstrrnc_tab.w26dmeie2lcrybm1ov1ilghcee	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULS	hua_rnc_rb_usgpsstrrnc_ta	FLOA	#	The mean numbers	Average	hub99psl

trPS_256_RNC	b.swnb0cvs2nbwtb1b3x6e4an4rr	T		of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.		bh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_32_RNC	hua_rnc_rb_usgpsstrrnc_tab.trt6yyd156bw6rq6feh3tvqitp	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_64_RNC	hua_rnc_rb_usgpsstrrnc_tab.yyjbn2y03mbvfrrvx2po2jv0ge	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL and DL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULStrPS_8_RNC	hua_rnc_rb_usgpsstrrnc_tab.spo62wxcqmbs2cqae3ithcv4bf	FLOAT	#	The mean numbers of RBs whose traffic class is CONVERSATIONAL/STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum,

				rate in a RNC in the UL and DL directions.		Maximum

6.42.37RNC.Huawei.UMTS.RLC_Statistics_RNC

Radio Link Control data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RLC_DiscardedBlocksByRNC	hua_rnc_rlc_stat_rnc_tab.ss6ynbghq3cv6drokxidq6evr2	INTEGER	#	This item provides the number of packets discarded by all RLCs in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_NbrBlocksReceived_AM	hua_rnc_rlc_stat_rnc_tab.u1d1hqgjpcbe3r5g5bys2m0mmi	INTEGER	#	This item provides the number of packets received by all RLCs in AM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_NbrBlocksReceived_TM	hua_rnc_rlc_stat_rnc_tab.v6tjr31u6gcwgblud3b54mvsc1	INTEGER	#	This item provides the number of packets received by all RLCs in TM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_NbrBlocksReceived_UM	hua_rnc_rlc_stat_rnc_tab.w53et4wtcqc0lblwe4e4ooi6iq	INTEGER	#	This item provides the number of packets received by	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

				all RLCs in UM mode in the RNC.		hubpslbh
RLC_NbrBlocksSent_AM	hua_rnc_rlc_stat_rnc_tab.xth5v5q2yhbgld1onc5ohil04t	INT8	#	This item provides the number of packets sent by all RLCs in AM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_NbrBlocksSent_TM	hua_rnc_rlc_stat_rnc_tab.xmljhkcvjkc52ujidoa0vtnqgf	INTEGER	#	This item provides the number of packets sent by all RLCs in TM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_NbrBlocksSent_UM	hua_rnc_rlc_stat_rnc_tab.uqmtkp1omjbshei0ym14cx3t3w	INTEGER	#	This item provides the number of packets sent by all RLCs in UM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RLC_RetransmittedBlocksToUE	hua_rnc_rlc_stat_rnc_tab.v0it0ybjg4cmedoa6l0dsg51yc	INTEGER	#	This item provides the number of packets retransmitted by all RLCs in AM mode in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RLC_DL_BufferOccupyCountNum	hua_rnc_rlc_stat_rnc_tab.s0tuimusxybnwdk31lgadsd0i6	INTEGER	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RLC_DL_BufferOccupyLEN_HIGH	hua_rnc_rlc_stat_rnc_tab.s1wma2dniccw1cd414tinn6dhq	INTEGER	#	No description.	Average	hub99pslbh, hubcslbh, hubhsdpa

						bh, hubpslbh, Sum, Minimum, Maximum
VS_RLC_DL_BufferOccupyLEN_LOW	hua_rnc_rlc_stat_rnc_tab.wa5cl60uwxcyksgguiyg5vphqt	INTEGER	#	No description.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RLC_DLBuff_Len	hua_rnc_rlc_stat_rnc_tab.xhppd4huuhc5du4jodncuirb40	INT8	#	No description.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RLC_DLBuff_Mean_Occup_Len	hua_rnc_rlc_stat_rnc_tab.w1fwqkc4njc42una0d1jlmaekt	FLOAT	#	No description.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.38RNC.Huawei.UMTS.RRC_Connection_Setup_RNC

RRC Connection Setup data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

_%_VS_RRC_SuccConnEstab	100 * {VS_RRC_SuccConnEstab}/ {VS_RRC_AttConnEstab}	FLOAT	%	Percentage RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to VS.RRC.SuccConnEstab provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC. This item includes VS.RRC.SuccConnEstab.DCH and VS.RRC.SuccConnEstab.CCH	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RRC_ConnEstab_Succ_RNC_Rate	hua_rnc_rrc_consetrnc_tab.xlsny1plui2aidkrb02ofawjhk	FLOAT	%	Obsolete from UTRAN/V900R011:RRC ConnEstab Succ RNC Rate	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RRC_AttConnEstab_CCH	hua_rnc_rrc_consetrnc_tab.y0qfp0qhuicgeuhmgmvbyy3we5	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC through which messages the RNC judges that the RRC connections are to be set up on CCH.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_CellRes	hua_rnc_rrc_consetrnc_tab.r3wpyty0kec41r2pba3tsw2udj	INTEGER	#	The number of RRC CONNECTION REQUEST messages	Sum	hub99pslbh, hubcslbh,

				actually processed by the RNC due to Inter-RAT cell re-selection		hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_CMB_Rnc	hua_rnc_rrc_consetrnc_tab.tei03wdirw2ahdh6r035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:The numbers of RRC CONNECTION SETUP messages from the RNC to UEs according to CMB Identifier.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_DCH	hua_rnc_rrc_consetrnc_tab.ru1ejw16bacgnexiqrp6tkvsbi	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC through which messages the RNC judges that the required RRC connections are to be set up on DCH.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_Detach	hua_rnc_rrc_consetrnc_tab.riunoi3erbcr3sgsqlhcqjau3w	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Detach	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_Emg	hua_rnc_rrc_consetrnc_tab.svy4alfwsgckhtdviorduhdkl0	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Emergency Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_MBMSPtp	hua_rnc_rrc_consetrnc_tab.xlsny1jlui2aidkrb02ofawjhk	INTEGER	#	These measurement items take statistics of the number of RRC CONNECTION REQUEST messages that the RNC receives from the UEs and then actually processes for different RRC connection request	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				causes, excluding cases that such request is rejected because of redirection based on specific services - MBMS PTP RB Request.		
VS_RRC_AttConnEstab_MBMSRep	hua_rnc_rrc_consetrnc_tab.xlsny1hlui2aidkrb02ofawjhk	INTEGER	#	These measurement items take statistics of the number of RRC CONNECTION REQUEST messages that the RNC receives from the UEs and then actually processes for different RRC connection request causes, excluding cases that such request is rejected because of redirection based on specific services - MBMS Reception.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_Msg	hua_rnc_rrc_consetrnc_tab.wn05nbubbxclacbxrj3jbmsufi	INTEGER	#	Number of RRC CONNECTION REQUEST messages from UEs to the RNC. This item includes VS.RRC.AttConnEstab.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgBkg	hua_rnc_rrc_consetrnc_tab.wbpq2dsl2wcmddjthadmnffqvg	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating Background Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab	hua_rnc_rrc_consetrnc_tab.wqtynkd4uxcyaeyu3ngw6	INTEGER	#	The number of RRC CONNECTION	Sum	hub99pslbh,

_OrgConv	eyfjl			REQUEST messages actually processed by the RNC due to Originating Conversational Call		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgHPSig	hua_rnc_rrc_consetrnc_tab.twj24j5qqwcaqeg2di3rtes2lx	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating High Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgInt	hua_rnc_rrc_consetrnc_tab.s4dh6nkmn5bsxdoyw3q4rld3jw	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating Interactive Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgLPSig	hua_rnc_rrc_consetrnc_tab.re10m3pn5fb2fulvpcmjssmsfj	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating Low Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgStr	hua_rnc_rrc_consetrnc_tab.vetgc12pw4bsctd61ssow34fu3	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating Streaming Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_OrgSubs	hua_rnc_rrc_consetrnc_tab.sbjne06i1kblgsxi3lcd65o5pl	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Originating Subscribed traffic Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab	hua_rnc_rrc_consetrnc_tab.w13cfdapjhcxlrsnc4mfm	INTEGER	#	The number of RRC CONNECTION	Sum	hub99pslbh,

_Reg	m1yfo			REQUEST messages actually processed by the RNC due to Registration		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_Rest	hua_rnc_rrc_consetrnc_tab.vhul6lhoe6chpuwu023gyfirp4	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Call re-Establishment	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_TmHPSig	hua_rnc_rrc_consetrnc_tab.yklbk0k5bnb5xdl6nmg22c3xos	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating High Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_TmLPSig	hua_rnc_rrc_consetrnc_tab.t64hqxbaktbxfeglbwdeyrvesg	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating Low Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_TrmBkg	hua_rnc_rrc_consetrnc_tab.vpgv4pctdbc6kcgxnug3x25xlk	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating Background Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_TrmConv	hua_rnc_rrc_consetrnc_tab.yr1usvvu1eciwbu0kn2im5g3ml	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating Conversational Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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VS_RRC_AttConnEstab_TrmInt	hua_rnc_rrc_consetrnc_tab.xqnclg6meeci0b5r31hmlblrln	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating Interactive Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_TrmStr	hua_rnc_rrc_consetrnc_tab.y40a00lqjwbb5blcd1w4yx1h2f	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating Streaming Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab_Unknown	hua_rnc_rrc_consetrnc_tab.u5ew3iduy4cdscqyedejpwxmk5	INTEGER	#	The number of RRC CONNECTION REQUEST messages actually processed by the RNC due to Terminating - cause unknown	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConnEstab	hua_rnc_rrc_consetrnc_tab.vrgsyj4iwjcp0b1w304g1tn46r	INTEGER	#	Number of RRC CONNECTION REQUEST messages actually processed by the RNC. This item includes VS.RRC.AttConnEstab.CCH and VS.RRC.AttConnEstab.DCH	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_FailConEst_Cng_RNC	hua_rnc_rrc_consetrnc_tab.xuc43u5awccavdme3kqmnkfuy0	INTEGER	#	Number of RRC CONNECTION REJECT messages from the RNC to UEs due to network congestion upon reception of RRC CONNECTION REQUEST messages from the UEs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_FailConEst_R	hua_rnc_rrc_consetrnc_tab.thoedoxj3mcnpreiqto6n1u	INTEGER	#	This item provides the number of RRC	Sum	hub99pslbh,

NC	qn4			Connection fail. The value of VS.RRC.FailConEst.RNC is equal to the value of VS.RRC.FailConEst.Cng.RNC		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SetupConnEstab_DCH	hua_rnc_rrc_consetrnc_tab.y0vc5wycusc6tetpbk3lb3bltc	INTEGER	#	VS.RRC.SetupConnEstab.DCH provides the number of RRC CONNECTION SETUP messages from the RNC to UEs. Where, RRC connections need to be set up on DCHs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SetupConnEstab	hua_rnc_rrc_consetrnc_tab.xaf2t31nqacsgdqc3q52muam1r	INTEGER	#	VS.RRC.SetupConnEstab provides the number of RRC CONNECTION SETUP messages from the RNC to UEs	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_CCH	hua_rnc_rrc_consetrnc_tab.yqybd1twxjc3bchm10wnspkqoc	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to VS.RRC.SuccConnEstab.CCH provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC. Where, RRC connections are set up on CCHs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_CellRes	hua_rnc_rrc_consetrnc_tab.yf1mh63vcibgmr1flnamprj445	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE	Sum	hub99pslbh, hubcslbh,

				messages from UEs to the RNC due to Inter-RAT cell re-selection		hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_CMB_Rnc	hua_rnc_rrc_consetrnc_tab.tei03wfirw2ahdh6r035xkcuc6	INTEGER	#	Obsolete from UTRAN/V100V200R011:The numbers of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC according to CMB Identifier.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_DCH	hua_rnc_rrc_consetrnc_tab.y2vww2bw2wbkfdf5vjhfypbum0	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to VS.RRC.SuccConnEstab.DCH provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC. Where, RRC connections are set up on DCHs.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Detach	hua_rnc_rrc_consetrnc_tab.xhwoxvm5ocblmb2lweq54hsx0q	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Detach	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Emg	hua_rnc_rrc_consetrnc_tab.vupa2fqv4gbfwr2v0b04aipevd	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Emergency Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_First_RNC	hua_rnc_rrc_consetrnc_tab.ymnudyiuk2cmje1a3gqmh23xgm	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to This item provides the	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC and the RNC judges that the RRC connection is set up on the first RRC CONNECTION REQUEST message.		
VS_RRC_SuccConnEstab_MBMSPtp	hua_rnc_rrc_consetrnc_tab.xlsny1nlui2aidkrb02ofawjhk	INTEGER	#	The preceding measurement counters provide the number of RRC CONNECTION SETUP COMPLETE messages for different causes received by the RNC from UEs in a cell - MBMS PTP RB Request.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_MBMSRep	hua_rnc_rrc_consetrnc_tab.xlsny1llui2aidkrb02ofawjhk	INTEGER	#	The preceding measurement counters provide the number of RRC CONNECTION SETUP COMPLETE messages for different causes received by the RNC from UEs in a cell - MBMS Reception.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OgLPSig	hua_rnc_rrc_consetrnc_tab.wtgvuw1bppcycc4wj5wkwsdyah	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating Low Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEst	hua_rnc_rrc_consetrnc_tab.sdythgmfkocuvct1loevotl	INTEGER	#	The number of RRC CONNECTION	Sum	hub99pslbh,

ab_OrgBkg	4tb			SETUP COMPLETE messages from UEs to the RNC due to Originating Background Call		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OrgConv	hua_rnc_rrc_consetrnc_tab.uudipn56x6biurmp3fog1we52n	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating Conversational Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OrgHPSi	hua_rnc_rrc_consetrnc_tab.wwxqylpk0hbo2cpptmqnpedw23	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating High Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OrgInt	hua_rnc_rrc_consetrnc_tab.s22phpmokvcxushwaytix25tmx	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating Interactive Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OrgStr	hua_rnc_rrc_consetrnc_tab.u4jynfmbf5csecduhtbmrkiyan	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating Streaming Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_OrgSubs	hua_rnc_rrc_consetrnc_tab.vuenukay4aca1bavjpc5pcwq0p	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Originating Subscribed traffic Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEst	hua_rnc_rrc_consetrnc_tab.xsbvcox1imcu1uhqootj1	INTEGER	#	The number of RRC CONNECTION	Sum	hub99pslbh,

ab_Reg	mrnaq			SETUP COMPLETE messages from UEs to the RNC due to Registration		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Rest	hua_rnc_rrc_consetrnc_tab.s4lupxnu1scx3rcj3hqixemi2b	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Call re-establishment	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Second_RNC	hua_rnc_rrc_consetrnc_tab.x1bftp5w2ccmttvmgjqgwnbxau	INTEGER	#	This Item provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC and the RNC judges that the RRC connection is set up on the second RRC CONNECTION REQUEST message	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Third_RNC	hua_rnc_rrc_consetrnc_tab.vux0drsbrtb0pu4jknpgly0rnr	INTEGER	#	This item provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC and the RNC judges that the RRC connection is set up on the third RRC CONNECTION REQUEST message.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_TmHPSi	hua_rnc_rrc_consetrnc_tab.y16slw6nb5bm4bt601qruqwpd5	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating High Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_RRC_SuccConnEstab_TmLPSi	hua_rnc_rrc_consetrnc_tab.yk3miyoux3cdfeghip5hb3hw1l	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating Low Priority Signalling	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_TrmBkg	hua_rnc_rrc_consetrnc_tab.s26h2dnmsqb3at2e2os443vp2s	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating Background Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_TrmConv	hua_rnc_rrc_consetrnc_tab.vmhbjq4q1ucbucene4ma1quqwp	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating Conversational Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_TrmInt	hua_rnc_rrc_consetrnc_tab.yjmpk3ekkxbgkb1itrprbth5g5	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating Interactive Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_TrmStr	hua_rnc_rrc_consetrnc_tab.ufhieysbtvbtauw6wt0omtaobl	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating Streaming Call	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_SuccConnEstab_Unknown	hua_rnc_rrc_consetrnc_tab.wmr4awayrhb63r4xt12rhxliik	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to Terminating - cause unknown	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_RRC_SuccConnEstab	hua_rnc_rrc_consetrnc_tab.ued16xjuwkctqcb6j30bldddqkf	INTEGER	#	The number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC due to VS.RRC.SuccConnEstab provides the number of RRC CONNECTION SETUP COMPLETE messages from UEs to the RNC. This item includes VS.RRC.SuccConnEstab.DCH and VS.RRC.SuccConnEstab.CCH	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.39RNC.Huawei.UMTS.RRC_Release_RNC

RRC Release data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RRC_AttConRel_Cng_RNC	hua_rnc_rrc_release_rnc_tab.yk51ebsj1xbo5ty5pbxet0v0iq	INTEGER	#	the number of RRC CONNECTION RELEASE messages from the RNC to UEs due to congestion	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConRel_NormRel_RNC	hua_rnc_rrc_release_rnc_tab.saog136l3gb65sj4dtm5r4gr0k	INTEGER	#	the number of RRC CONNECTION RELEASE messages from the RNC to UEs due to normal event	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttCon	hua_rnc_rrc_release_rnc_tab.trm5pdgf5xb35sqfj50	INTEGER	#	the number of RRC CONNECTION	Sum	hub99pslbh,

Rel_Preempt_RNC	uea13hf			RELEASE messages from the RNC to UEs due to pre-emptive release		hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConRel_ReEstRj_RNC	hua_rnc_rrc_release_rnc_tab.wcodjbsfvkc3kbbkphpbl12gjq	INTEGER	#	the number of RRC CONNECTION RELEASE messages from the RNC to UEs due to re-establishment reject	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConRel_RNC	hua_rnc_rrc_release_rnc_tab.vcj5pxdp6mc40ssowfw6tk6mtx	INTEGER	#	Number of RRC CONNECTION RELEASE messages from the RNC to UEs.This item includes VS.RRC.AttConRel.NormRel.RNC VS.RRC.AttConRel.Cng.RNC VS.RRC.AttConRel.Preempt.RNC VS.RRC.AttConRel.UsrIact.RNC VS.RRC.AttConRel.ReEstRj.RNC VS.RRC.AttConRel.SigREst.RNC VS.RRC.AttConRel.Unspec.RNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConRel_SigREst_RNC	hua_rnc_rrc_release_rnc_tab.upkkchqcg0b0le4hvjdefsnlfr	INTEGER	#	the number of RRC CONNECTION RELEASE messages from the RNC to UEs due to directed signalling connection re-establishment	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC_AttConRel_Unspec_RNC	hua_rnc_rrc_release_rnc_tab.xq5qqj5egec2te0sxp0vd5ho0m	INTEGER	#	the number of RRC CONNECTION RELEASE messages from the RNC to UEs due to unspecified	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RRC	hua_rnc_rrc_release_rnc_	INTEG	#	the number of RRC	Sum	hub99psl

_AttConRel_UsrIact_RNC	tab.rb04khtlgfckydv1a5konlsmsp	ER		CONNECTION RELEASE messages from the RNC to UEs due to user inactivity		bh, hubcslbh, hubhsdpabh, hubpslbh

6.42.40RNC.Huawei.UMTS.RRC_States

RRC States data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_CellDCHUEs_RNC	hua_rnc_rrc_states_tab.rdgceakmt5c32tup6dxxuykuf6	FLOAT	#	Average number of UEs in the CELL_DCH state.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_CellFACHUEs_RNC	hua_rnc_rrc_states_tab.vjxonljtrtc6gbkv34okmdapmk	FLOAT	#	Average number of UEs in the CELL_FACH state.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_CellPCHUEs_RNC	hua_rnc_rrc_states_tab.s64ddhhdmrcxvrxkb5ny62kqyt	FLOAT	#	Average number of UEs in the CELL_PCH	Average	hub99pslbh, hubcslbh, hubhsdpa

				state.		bh, hubpslbh, Sum, Minimum, Maximum
VS_UraPCHUEs_RNC	hua_rnc_rrc_states_tab.tj5obpbquactyrqxyc3gou3coq	FLOAT	#	Average number of UEs in the URA_PCH state.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.41RNC.Huawei.UMTS.Signalling_Messages

Signalling Message data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_IU_Att_SecMode	hua_rnc_sig_msg_tab.sb2iafjy1wb6trgjbwncnikfxa	INTEGER	#	Number SECURITY MODE COMMAND messages received by the SRNC from the CN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IU_RejSecMd_NAS	hua_rnc_sig_msg_tab.wvrij4sdbibh1b6johd2ry6uis	INTEGER	#	The numbers of SECURITY MODE REJECT messages sent from the RNC to CN according to different causes, NAS	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				Cause		
VS_IU_RejSecMd_Opt	hua_rnc_sig_msg_tab.yv13guv1m6be3s4y5u0xkdppgt	INTEGER	#	The numbers of SECURITY MODE REJECT messages sent from the RNC to CN according to different causes, Network Optimization	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IU_RejSecMd_Rnl	hua_rnc_sig_msg_tab.yjj534v61qbn0ehhgdgx04b6o1	INTEGER	#	The numbers of SECURITY MODE REJECT messages sent from the RNC to CN according to different causes, Radio Network Layer Cause	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IU_RejSecMd_Tnl	hua_rnc_sig_msg_tab.ttqnlkquq1cpwsmshpp3qbvh4v	INTEGER	#	The numbers of SECURITY MODE REJECT messages sent from the RNC to CN according to different causes, Transport Layer Cause	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_IU_RejSecMd_Unsp	hua_rnc_sig_msg_tab.s4xot1qmglb23cf1pt60lgsm5e	INTEGER	#	The numbers of SECURITY	Sum	hub99pslbh,

				MODE REJECT messages sent from the RNC to CN according to different causes, Unspecified Failure		hubcslbh, hubhsdpabh, hubpslbh
VS_IU_SuccSecMode	hua_rnc_sig_msg_tab.x33lhbrseocerulrogthcwhavf	INTEGER	#	Number of SECURITY MODE COMPLETE messages sent from the RNC to the CN	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_Uu_Att_SecMode	hua_rnc_sig_msg_tab.yfoiff3ms6brfcs04dlnuolxkm	INTEGER	#	Number of SECURITY MODE COMMAND messages sent from an RNC to a UE.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_Uu_Succ_SecMode	hua_rnc_sig_msg_tab.wl1jxqwvaxc62ufgxjcbkg5qf0	INTEGER	#	Number SECURITY MODE COMPLETE messages received by the RNC from a UE.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.42RNC.Huawei.UMTS.Soft_Handover_RNC

Soft Handover data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SHO_AS_1	hua_rnc_soft_ho_rnc_tab.rjemrvs5y1ckkdmgwxjg6kekny	FLOAT	#	Average number of UEs with one RL in	Average	hub99pslbh, hubcslbh,

				the RNC in the soft handover procedure.		hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_2Soft	hua_rnc_soft_ho_rnc_tab.si6dwr2lm4c2revxou5q5yyfkq	FLOAT	#	Average number of UEs with two RLs and both uncombined.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_2Softer	hua_rnc_soft_ho_rnc_tab.seo13atavubk6bpsj53oommd1t	FLOAT	#	Average number of UEs with two RLs and both combined in the same NodeB.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_3Soft2Softer	hua_rnc_soft_ho_rnc_tab.vjret506lockfsaxrrhye5hsxl	FLOAT	#	Average number of UEs with three RLs and two of the three combined.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

						m
VS_SHO_AS_3Soft	hua_rnc_soft_ho_rnc_tab.wtgkxeh5wqbe0ev5o36sumrvdv	FLOAT	#	Average number of UEs with three RLs and all of the three uncombined.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_3Softer	hua_rnc_soft_ho_rnc_tab.x52mbu1gtdbolscaj4d4msuhfv	FLOAT	#	Average number of UEs with three RLs and all of the three combined in the same NodeB.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_4	hua_rnc_soft_ho_rnc_tab.uh2kksbiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with four RLs in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_AS_5	hua_rnc_soft_ho_rnc_tab.uh2kksfiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with five RLs in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum,

						Maximum
VS_SHO_AS_6	hua_rnc_soft_ho_rnc_tab.uh2kksjiyy2ahdha0035xkcuc6	FLOAT	#	Average number of UEs with six RLs in the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_SHO_Att_RNC	hua_rnc_soft_ho_rnc_tab.ymunyb2mbvby4bfjv30kw4ul0a	INTEGER	#	This item provides the number of softer handovers decided by the RNC to initiated.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SHO_Drop_RNC	hua_rnc_soft_ho_rnc_tab.rd44dk2su5b0abjl4os3pco32l	INTEGER	#	This item provides the number of call drops due to soft handover in the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SHO_Succ	hua_rnc_soft_ho_rnc_tab.wcmrugfqilbp3clil5vqed1orv	INTEGER	#	This item provides the number of successful softer handovers.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SoHO_ASU_AttRNC	hua_rnc_soft_ho_rnc_tab.v65yoihrpmbwnswqqhcorldrfh	INTEGER	#	Number of softer handovers initiated by the RNC.	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

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						hubpslbh
VS_SoHo_Succ	hua_rnc_soft_ho_rnc_tab.vlwrxeq4accmbrjg4xxj0250xu	INTEGER	#	This item provides the number of Successful softer handovers	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.43RNC.Huawei.UMTS.SRNS_Relocation_Drift_RNC

Serving RNS Relocation Drift RNC data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RELOC_AttResAllocUEInvolCS	hua_rnc_srns_reldrirnc_tab.v5al2nbt2gckwuy0f4gus2dpal	INTEGER	#	Numbers of resource allocations for TRNC relocations in CS domain according to different Cause in RELOCATION REQUEST, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_AttResAllocUEInvolPS	hua_rnc_srns_reldrirnc_tab.ypy0r12cjkcapci2jadoxumcxr	INTEGER	#	Numbers of resource allocations for TRNC relocations in PS domain according to different Cause in RELOCATION REQUEST, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_AttResAllocUENotInvolCS	hua_rnc_srns_reldrirnc_tab.u16fxxddjhcd6saktoan4sn10p	INTEGER	#	The numbers of resource allocations for TRNC	Sum	hub99pslbh, hubcslbh, hubhsdpa

				relocations in CS domain according to different Cause in RELOCATION REQUEST, UE Not Involved.		bh, hubpslbh
RELOC_AttResAllocUENotInvolPS	hua_rnc_srns_reldrirnc_tab.uhpbtqqixbbvfroqvkjd4a3nlm	INTEGER	#	The numbers of resource allocations for TRNC relocations in PS domain according to different Cause in RELOCATION REQUEST, UE Not Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllocUEInvolCS_CiphUnSupp	hua_rnc_srns_reldrirnc_tab.ynlrnn3uidcn5drh2ekivnnqi0	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in CS Domain, UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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RELOC_FailResAllocUEInvolCS_ResUnavail	hua_rnc_srns_reldrirnc_tab.vtq60ciiukcfduvkj6sbd53kgk	INTEGER	#	Obsolete from UTRAN/V200R010:The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported : UE involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllocUEInvolPS_CiphUnSupp	hua_rnc_srns_reldrirnc_tab.uedtqg0mnacqnu3hvkaw50u2cy	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in PS Domain, UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllocUEInvolPS_ResUnavail	hua_rnc_srns_reldrirnc_tab.x5rxnchdcnbikc2n16vfjqnhsj	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for No Resource Available according to	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				different types in PS Domain, UE involved		
RELOC_FailResAllocUENotInvolCS_CiphUnSupp	hua_rnc_srns_reldrirnc_tab.xr2trybjylbcdu1hqvk1154rxu	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in CS Domain, UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllocUENotInvolCS_ResUnavail	hua_rnc_srns_reldrirnc_tab.xvqxw4yttcbmntd3nlcwvu6a63	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in CS Domain, UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllo	hua_rnc_srns_reldrirnc_ta	INTEG	#	The numbers	Sum	hub99psl

cUENotInvolPS_CiphUnSupp	b.xdelp2f5sqbr3eriim5hu6ssn0	ER		of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in PS Domain, UE not involved		bh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailResAllocUENotInvolPS_ResUnavail	hua_rnc_srns_reldrirnc_tab.uwbcbgil1pctkrk3uc2melbjkv	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for Requested Ciphering and/or Integrity Protection Algorithms not Supported according to different types in PS Domain, UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccResAllocUEInvolCS	hua_rnc_srns_reldrirnc_tab.yj413epb6scd3bspesdiiom5ba	INTEGER	#	The numbers of successful resource allocations for TRNC relocations for CS Domain according to, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

RELOC_SuccResAllocUEInvolPS	hua_rnc_srns_reldrirnc_tab.s2ia0h4nimb3er3m153b502tkb	INTEGER	#	The numbers of successful resource allocations for TRNC relocations for PS Domain according to, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccResAllocUENotInvolCS	hua_rnc_srns_reldrirnc_tab.urxvbxsfbobqrsakv5xt4fnbsx	INTEGER	#	The numbers of successful resource allocations for TRNC relocations for CS Domain according to different Cause, UE Not Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccResAllocUENotInvolPS	hua_rnc_srns_reldrirnc_tab.xdnltdyqb3bxrbtxkfo4eetnqi	INTEGER	#	The numbers of successful resource allocations for TRNC relocations for PS Domain according to different Cause, UE Not Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_ExecFail_Cong	hua_rnc_srns_reldrirnc_tab.wlejrrxpg3cmptohdnaeek0ucy	INTEGER	#	Number of TRNC relocation commit failures due to resource unavailable.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_Exec	hua_rnc_srns_reldrirnc_ta	INTEG	#	Number of	Sum	hub99psl

Fail_Unsp	b.uadg3jxg5qb4bs5kg3xe2oglpw	ER		TRNC relocation commit failures due to unknown causes.		bh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_PrepFail_Iurel	hua_rnc_srns_reldrirnc_tab.tg2xjiaijgbwhuifpa25oendtm	INTEGER	#	This item provides the number of relocation resource allocation failures due to reception of an IU RELEASE COMMAND message before the TRNC sends a RELOCATION REQUEST ACKNOWLEDGE message to the CN upon reception of a RELOCATION REQUEST message from the CN.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_PrepFail_NAS	hua_rnc_srns_reldrirnc_tab.yjffw0huajc3suprohi6iqx20j	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for different causes: NAS Cause	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_PrepFail_OM	hua_rnc_srns_reldrirnc_tab.vsjla4mhndcm1by0onfkb52ggo	INTEGER	#	The numbers of RELOCATION FAILURE	Sum	hub99pslbh, hubcslbh, hubhsdpa

				messages sent by the TRNC for different causes: OM Intervention		bh, hubpslbh
VS_DRELOC_PrepFail_RNL	hua_rnc_srns_reldrirnc_tab.xy1pvm6padcautcpyedby0nslu	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for different causes: Radio Network Layer Cause	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_DRELOC_PrepFail_TNL	hua_rnc_srns_reldrirnc_tab.y60pvb1102bq6rh4b12g4r23ib	INTEGER	#	The numbers of RELOCATION FAILURE messages sent by the TRNC for different causes: Transport Layer Cause	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_AttExec_UEInvCS_RNC	hua_rnc_srns_reldrirnc_tab.yearq2vupw2ahrhr0035xvpkr0	INTEGER	#	Number of reconfigurations initiated by the RNC towards the UE (CS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_AttExec_UEInvPS_RNC	hua_rnc_srns_reldrirnc_tab.yearq2xupw2ahrhr0035xvpkr0	INTEGER	#	Number of reconfigurations initiated by the RNC towards the UE (PS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_AttEx	hua_rnc_srns_reldrirnc_ta	INTEG	#	This item	Sum	hub99psl

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ec_UEInv	b.x2xrb0runqcafro1c26t6bhhy2	ER		provides the number of reconfiguration completions during TRNC relocations (UE involved).		bh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_AttExec_UENonInv	hua_rnc_srns_reldrirnc_tab.xbkogh2f5qbe0ebkad13c1k5so	INTEGER	#	This item provides the number of RELOCATION COMMIT messages from SRNC to TRNC during relocations (UE not involved).	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_AttPrep_UEInv	hua_rnc_srns_reldrirnc_tab.w0hwqbx10nbcxenapb3babrlqd	INTEGER	#	Obsolete in release Vn00R010. The numbers of resource allocations for TRNC relocations: UE involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_AttPrep_UENonInv	hua_rnc_srns_reldrirnc_tab.sm1iti36mfbtxepksjsygkvu0v	INTEGER	#	Obsolete in release Vn00R010. The numbers of resource allocations for TRNC relocations: UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_SuccExec_UEInv	hua_rnc_srns_reldrirnc_tab.vti5ak3x40c5acoockh651ijo2	INTEGER	#	The numbers of successful TRNC relocations: UE involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh,

						hubpslbh
VS_TRELOC_SuccExec_UENotInv	hua_rnc_srns_reldrirnc_tab.uafqf16q54csvbv5cksrak26qc	INTEGER	#	The numbers of successful TRNC relocations: UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_SuccPrep_UEInv	hua_rnc_srns_reldrirnc_tab.xet40ll4fbbvgsb2ddxjw2bj5p	INTEGER	#	Obsolete in release Vn00R010. The numbers of successful resource allocations for TRNC relocations: UE involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_TRELOC_SuccPrep_UENonInv	hua_rnc_srns_reldrirnc_tab.xd60i6nlssb45uba1kotyg3ckm	INTEGER	#	Obsolete in release Vn00R010. The numbers of successful resource allocations for TRNC relocations: UE not involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.44RNC.Huawei.UMTS.SRNS_Relocation_Serving_RNC_Failures

Serving RNS Relocation Serving RNC data - Failures.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RELOC_Fail_Prep_CiphUnSupp	hua_rnc_srns_relsvrncfa_tab.yhbgkltk4x2ahdhb0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Numbe	Sum	hub99pslbh, hubcslbh,

				rs of SRNC Relocation Preparation Failures due to Different Causes. Cause Requested Ciphering and/or Integrity Protection Algorithms not Supported.		hubhsdpabh, hubpslbh
RELOC_Fail_Prep_OM	hua_rnc_srns_relsvrncfa_tab.ub2wgmfiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010 release. Numbers of SRNC Relocation Preparation Failures due to Different Causes. Cause Requested Ciphering and/or Integrity Protection Algorithms not Supported.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_Fail_Prep_RelocTgBarred	hua_rnc_srns_relsvrncfa_tab.yhbgklxk4x2ahdhb0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Numbers of SRNC Relocation Preparation Failures due to Different Causes. Cause Relocation target not allowed.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_Fail_Prep_ResUnavail	hua_rnc_srns_relsvrncfa_tab.yhbgkm0k4x2ahdhb0035	INTEGER	#	Obsolete from UTRAN/V90	Sum	hub99pslbh,

	xkcuc6			0R011:Numbers of SRNC Relocation Preparation Failures due to Different Causes. Cause No resources available.		hubcslbh, hubhsdpabh, hubpslbh
RELOC_Fail_Prep_TAlExp	hua_rnc_srns_relsvrncfa_tab.ub2wgmhiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Numbers of SRNC Relocation Preparation Failures due to Different Causes. Cause TRELOCalloc Expiry.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_Fail_Prep_TSysRelocUns	hua_rnc_srns_relsvrncfa_tab.yhbgklvk4x2ahdhb0035xkcuc6	INTEGER	#	Obsolete from UTRAN/V900R011:Numbers of SRNC Relocation Preparation Failures due to Different Causes. Cause Relocation not supported in target RNC or target system.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_Fail_Prep_Unsp	hua_rnc_srns_relsvrncfa_tab.ub2wgmjiyy2ahdha0035xkcuc6	INTEGER	#	Obsolete in Vn00R010 release. Numbers of SRNC Relocation Preparation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				Failures due to Different Causes. Cause Unspecified Failure.		
RELOC_FailPrep UEInvolCS_Ciph UnSupp	hua_rnc_srns_relsvrncfa_tab.upqm4k4pr0c05rljswm3gqo4fw	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain for different causes, Requested Ciphering and/or Integrity Protection Algorithms not Supported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep UEInvolCS_OM	hua_rnc_srns_relsvrncfa_tab.yaug05odrnbxaelxytgcbtwg3e	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain for different causes, OM Intervention	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep UEInvolCS_Reloc TgBarred	hua_rnc_srns_relsvrncfa_tab.tpub0hy2wtc63dwmyq1yasq4kp	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				the SRNC from CS Domain for different causes, Relocation Target not allowed		
RELOC_FailPrepUEInvolCS_ResUnavail	hua_rnc_srns_relsvrncfa_tab.sgmkhxc4wscsruisr45lg2faym	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain for different causes, No resources available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUEInvolCS_TrelocprepExp	hua_rnc_srns_relsvrncfa_tab.wqrqpsex2obk1bwa46bmnvxvsd	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain for different causes, Trelocprep Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUEInvolCS_TSysRelocUns	hua_rnc_srns_relsvrncfa_tab.vunqf34lccb2re01b4xjsoqw2r	INTEGER	#	numbers of RELOCATION PREPARATI	Sum	hub99pslbh, hubcslbh, hubhsdpa

				ON FAILURE messages received by the SRNC from CS Domain for different causes, Relocation not supported in Target RNC or Target system		bh, hubpslbh
RELOC_FailPrep UEInvolCS_Unsp	hua_rnc_srns_relsvrncfa_tab.v1kxqo0dfvbnetgm6mju55ylpy	INTEGER	#	numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain for different causes, Unspecified Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep UEInvolPS_CiphUnSupp	hua_rnc_srns_relsvrncfa_tab.wdpxb5a16obkkuxt3pf252mit5	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Requested Ciphering and/or Integrity Protection Algorithms not Supported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

RELOC_FailPrep UEInvolPS_OM	hua_rnc_srns_relsvrncfa_tab.wsorfhnxyjb0psqqpyb55q3qx5	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, OM Intervention	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep UEInvolPS_RelocTgBarred	hua_rnc_srns_relsvrncfa_tab.vwlkhqsyabb2xtb2j6q3r3s60x	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Relocation Target not allowed	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep UEInvolPS_ResUnavail	hua_rnc_srns_relsvrncfa_tab.t6akgqmurhc5bsmf5qlv2mneak	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, No resources available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrep	hua_rnc_srns_relsvrncfa_ta	INTEG	#	The numbers	Sum	hub99psl

UEInvolPS_TrelocprepExp	b.visaodk1ghbd1rxrrvo13trkls	ER		of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Trelocprep Expiry		bh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUEInvolPS_TSysRelocUns	hua_rnc_srns_relsvrncfa_tab.vdqfgi3pppcc4sqqfn15iwkc0g	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Relocation not supported in Target RNC or Target system	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUEInvolPS_Unsp	hua_rnc_srns_relsvrncfa_tab.ri24y4ejnebyet6ybu6elhfgjn	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Unspecified Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolCS_CiphUnSupp	hua_rnc_srns_relsvrncfa_tab.ryg4qt1kujc4jej3aeotsyj3q3	INTEGER	#	The numbers of RELOCATIO	Sum	hub99pslbh, hubcslbh,

				N PREPARATION FAILURE messages received by the SRNC from CS Domain, Requested Ciphering and/or Integrity Protection Algorithms not Supported		hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolCS_OM	hua_rnc_srns_relsvrncfa_tab.v15urfcnjebcqdu6m5vnhf2w5h	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, OM Intervention	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolCS_RelocTgBarred	hua_rnc_srns_relsvrncfa_tab.xt33bp6c3wb22elwol5dpmmplu	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, Relocation Target not	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				allowed		
RELOC_FailPrepUENotInvolCS_ResUnavail	hua_rnc_srns_relsvrncfa_tab.wg1e3hv0pcbwutmkpdarbwwcp5	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, No resources available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolCS_TrelocprepExp	hua_rnc_srns_relsvrncfa_tab.vidbvhoe4obnrbvs0hqiftj4dj	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, Trelocprep Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolCS_TSysRelocUns	hua_rnc_srns_relsvrncfa_tab.wjf42qd35ybphcddlumgplx1fj	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, Relocation not supported in Target RNC or Target system	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

RELOC_FailPrepUENotInvolCS_Unsp	hua_rnc_srns_relsvrncfa_tab.t04nt2xgt1bpysntwrplo36af1	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from CS Domain, Unspecified Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolPS_CiphUnSupp	hua_rnc_srns_relsvrncfa_tab.y1uxtd03hqbagbsi1lqgg3de1a	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Requested Ciphering and/or Integrity Protection Algorithms not Supported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolPS_OM	hua_rnc_srns_relsvrncfa_tab.u5kojxi3ihcqqtg2oe6vxra0sr	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				from PS Domain, OM Intervention		
RELOC_FailPrepUENotInvolPS_RelocTgBarred	hua_rnc_srns_relsvrncfa_tab.x21lf4aka4bevdyjs3jijp5inb	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Relocation Target not allowed	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolPS_ResUnavail	hua_rnc_srns_relsvrncfa_tab.rjwhq1wm1lbt5cjs1vvl1o5eqa	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, No resources available	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolPS_TrelocprepExp	hua_rnc_srns_relsvrncfa_tab.yvxskki1ywctlum50mjug6mott	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Trelocprep Expiry	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

RELOC_FailPrepUENotInvolPS_TSysRelocUns	hua_rnc_srns_relsvrncfa_tab.vribyve06ccksbk1wsy1ojx5yt	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Relocation not supported in Target RNC or Target system	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_FailPrepUENotInvolPS_Unsp	hua_rnc_srns_relsvrncfa_tab.sppunon1jecghebbvbughuw5qb	INTEGER	#	The numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC from PS Domain, Unspecified Failure	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_ExecFail_CfgIncmp	hua_rnc_srns_relsvrncfa_tab.ssxa11hmr1cteuo1wdty4rvtgs	INTEGER	#	The numbers of Unsuccessful SRNC relocations with hard handover during reconfigurations for different	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				causes, Configuration Incomplete		
VS_SRELOC_ExecFail_CfgInval	hua_rnc_srns_relsvrncfa_tab.ri1pyyj6p5b5butud5tdct0mv4	INTEGER	#	The numbers of Unsuccessful SRNC relocations with hard handover during reconfigurations for different causes, Invalid Configuration	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_ExecFail_CfgUnsup	hua_rnc_srns_relsvrncfa_tab.w2mq6jyf0tb3scbexupoppyaxr	INTEGER	#	The numbers of Unsuccessful SRNC relocations with hard handover during reconfigurations for different causes, Configuration Unsupported	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_ExecFail_ExpCS_RNC	hua_rnc_srns_relsvrncfa_tab.uh2kksriyy2ahdha0035xkcuc6	INTEGER	#	Numbers of SRNC relocation commit failures due to timeout to wait for an IU RELEASE COMMAND message by different CN domain.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

VS_SRELOC_ExecFail_ExpPS_RNC	hua_rnc_srns_relsvrncfa_tab.uh2kkstiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of SRNC relocation commit failures due to timeout to wait for an IU RELEASE COMMAND message by different CN domain.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_ExecFail_IuRel	hua_rnc_srns_relsvrncfa_tab.tsteuw5kjebw5enaosyigh526o	INTEGER	#	Number of SRNC relocation commit failures due to reception of IU RELEASE COMMAND messages from the CN with cause NOT Successful Relocation or Normal Release during SRNC relocations.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_ExecFail_PhyFail	hua_rnc_srns_relsvrncfa_tab.rcs3fyvqt6bcudvs1vm2wewp6v	INTEGER	#	The numbers of Unsuccessful SRNC relocations with hard handover during reconfigurations for	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				different causes, Physical Channel Failure		

6.42.45RNC.Huawei.UMTS.SRNS_Relocation_Serving_RNC

Serving RNS Relocation Serving RNC data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
RELOC_AttPrepUEInvolCS	hua_rnc_srns_relservrnc_tab.vyi2blwbawcwfd2rq3btwku1fx	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to CS Domain according to different causes, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_AttPrepUEInvolPS	hua_rnc_srns_relservrnc_tab.vlqr6y5i14bfreqa2yjqubqokj	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to PS Domain, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_AttPrepUENotInvolCS	hua_rnc_srns_relservrnc_tab.t3kh14u2l6bepr50r6ovrslg01	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE not Involved sent by the SRNC to CS Domain, UE	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				not Involved.		
RELOC_AttPrepUENotInvolPS	hua_rnc_srns_relservrnc_tab.xvdkbxxvtnbh5cvpbjhathhuqk	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE not Involved sent by the SRNC to PS Domain, UE not Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccCS	hua_rnc_srns_relservrnc_tab.xt1akroenycwqbu06aakef6udk	INTEGER	#	Obsolete in release Vn00R010. This item provides the number of successful SRNC relocation commits.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccPrepUEInvolCS	hua_rnc_srns_relservrnc_tab.v00jkyjcgjbcucnayr0g5x2wld	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccPrepUEInvolPS	hua_rnc_srns_relservrnc_tab.wc6fpgvb6dctnbgwy1wfaqjabd	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain, UE Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccPrep	hua_rnc_srns_relservrnc_t	INTEG	#	The numbers of	Sum	hub99psl

UENotInvolCS	ab.vawjto3r36cgsrdh2x5xq24y4t	ER		successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to UE not Involved.		bh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccPrepUENotInvolPS	hua_rnc_srns_relservrnc_tab.t4hsx04tibbnttyela6y0rosvb	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain due to UE not Involved.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
RELOC_SuccPS	hua_rnc_srns_relservrnc_tab.tybirr4veyctocuy6kun4h2euh	INTEGER	#	Obsolete in release Vn00R010. This item provides the number of successful SRNC relocation commits.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUEInvolCS_RF	hua_rnc_srns_relservrnc_tab.vjomr5ieqibygb03uqm6eadypp	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to CS Domain according to different causes, Relocation desirable for radio reasons	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUEInvolCS_Ti	hua_rnc_srns_relservrnc_tab.wtt0ktcdskcxwbllw5f5	INTEGER	#	The numbers of RELOCATION	Sum	hub99pslbh,

meCrit	bm4c5j			REQUIRED messages in which the relocation is UE Involved sent by the SRNC to CS Domain according to different causes, Time Critical Relocation		hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUEInvolPS_RF	hua_rnc_srns_relservrnc_tab.x6hhvf5jlwcgjdm0gjfjfqt6ye	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to PS Domain, Relocation desirable for radio reasons	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUEInvolPS_TimeCrit	hua_rnc_srns_relservrnc_tab.tnbgs56sfrcfkrc2dlpwrywqjb	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to PS Domain, Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUENotInvolCS_RF	hua_rnc_srns_relservrnc_tab.vrq3eiomf4bd6sjj5sy3lhb06i	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

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				not Involved sent by the SRNC to CS Domain, Relocation desirable for radio reasons		
VS_RELOC_AttPrepUENotInvolCS_TimeCrit	hua_rnc_srns_relservrnc_tab.sp306b6rptchirixh4eu6pkxmx	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE not Involved sent by the SRNC to CS Domain, Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUENotInvolPS_RF	hua_rnc_srns_relservrnc_tab.s0o06bbb3rb6lsphihdalx5g4d	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE not Involved sent by the SRNC to PS Domain, Relocation desirable for radio reasons	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_AttPrepUENotInvolPS_TimeCrit	hua_rnc_srns_relservrnc_tab.vc0eenn61kctvbjc3yljspte46	INTEGER	#	The numbers of RELOCATION REQUIRED messages in which the relocation is UE not Involved sent by the SRNC to PS Domain, Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_ReqPrep_ResOpto	hua_rnc_srns_relservrnc_tab.xctjh32ahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:This item	Sum	hub99pslbh, hubcslbh,

				provides the number of successful SRNC relocation commits.		hubhsdpabh, hubpslbh
VS_RELOC_ReqPrep_TimeCrit	hua_rnc_srns_relservrnc_tab.xcv52klahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:This item provides the number of successful preparations for SRNC relocations	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrep_RF	hua_rnc_srns_relservrnc_tab.xcwrbtlahk26sdgmb00hw05bpa	INTEGER	#	Obsolete from UTRAN/V900R011:The numbers of RELOCATION REQUIRED messages in which the relocation is UE Involved sent by the SRNC to CS Domain according to different causes, Resource optimization relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUEInvolCS_RF	hua_rnc_srns_relservrnc_tab.tf0gll1vuwbwot22g0oanptst4	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				desirable for radio reasons		
VS_RELOC_SuccPrepUEInvolCS_TimeCrit	hua_rnc_srns_relservrnc_tab.seko0okxw1cpadxpmnpyxt6ctx	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUEInvolPS_RF	hua_rnc_srns_relservrnc_tab.vtebfgcca5bu4undqjwfjl65x2	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain, Relocation desirable for radio reasons	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUEInvolPS_TimeCrit	hua_rnc_srns_relservrnc_tab.rhkw6nie43bxgtxgavle64wtjl	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain, Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUENotInvolCS_RF	hua_rnc_srns_relservrnc_tab.vyl3cjrct0cyxcdcgn1jdhwji4	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to Relocation desirable for	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				radio reasons		
VS_RELOC_SuccPrepUENotInvolCS_TimeCrit	hua_rnc_srns_relservrnc_tab.rhkxcudh23bh0sxybcttjscliy	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at CS Domain due to Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUENotInvolPS_RF	hua_rnc_srns_relservrnc_tab.sr1v6rm0i6cj0d2wtwbnmq25ys	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain due to Relocation desirable for radio reasons	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_RELOC_SuccPrepUENotInvolPS_TimeCrit	hua_rnc_srns_relservrnc_tab.syte2wmajicqme1s50bopuhv0q	INTEGER	#	The numbers of successful preparations for SRNC relocations(The relocation type is UE Involved) at PS Domain due to Time Critical Relocation	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_AttEx_UENonInvCS_RNC	hua_rnc_srns_relservrnc_tab.uh2kksniyy2ahdha0035xkcuc6	INTEGER	#	Numbers of RELOCATION COMMIT messages from SRNC to TRNC during SRNC relocations (UE	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

				not Involved) by different CN domain.		
VS_SRELOC_AttEx_UENonInvPS_RNC	hua_rnc_srns_relservrnc_tab.uh2kkspiyy2ahdha0035xkcuc6	INTEGER	#	Numbers of RELOCATION COMMIT messages from SRNC to TRNC during SRNC relocations (UE not Involved) by different CN domain.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_AttExec_UEInv	hua_rnc_srns_relservrnc_tab.xltmwibo3kbbdcqoa56fsmbd5m	INTEGER	#	Obsolete in release Vn00R010. The number of reconfiguration initiations from the RNC to UEs in preparations for SRNC relocations (UE Involved). A reconfiguration procedure can be triggered by either of the following messages: RADIO BEARER SETUP, RADIO BEARER RECONFIGURATION, RADIO BEARER RELEASE, TRANSPORT CHANNEL RECONFIGURATION	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_AttExec_UENonInv	hua_rnc_srns_relservrnc_tab.spew1lvd3dbs3totcjfqu	INTEGER	#	Obsolete in release	Sum	hub99pslbh,

	4r3bn			Vn00R010. This item provides the number of RELOCATION COMMIT messages from SRNC to TRNC during SRNC relocations (UE not Involved).		hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UEInvCS_RNC	hua_rnc_srns_relservrnc_tab.yearq30upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful UE-involved SRNS relocations (CS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UEInv	hua_rnc_srns_relservrnc_tab.s5xeo2jplxbg6ctf4qyf3x6h6l	INTEGER	#	Obsolete in release Vn00R010. The numbers of successful SRNC relocations: UE involved	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UEInvPS_RNC	hua_rnc_srns_relservrnc_tab.yearq32upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful UE-involved SRNS relocations (PS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UENonInvCS_RNC	hua_rnc_srns_relservrnc_tab.yearq34upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful UE-not-involved SRNS relocations (CS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UENonInv	hua_rnc_srns_relservrnc_tab.ymuq60jaqwcxfca0votucnycp1	INTEGER	#	Obsolete in release Vn00R010. The	Sum	hub99pslbh, hubcslbh,

				numbers of successful SRNC relocations: UE not involved		hubhsdpabh, hubpslbh
VS_SRELOC_SuccExec_UENonInvPS_RNC	hua_rnc_srns_relservrnc_tab.yearq36upw2ahrhr0035xvpkr0	INTEGER	#	Number of successful UE-not-involved SRNS relocations (PS)	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh
VS_SRELOC_TrelPrpEx	hua_rnc_srns_relservrnc_tab.stqnghf2qibj2tex4tndtfqo5f	INTEGER	#	Obsolete in release Vn00R010. The above items provide the numbers of RELOCATION PREPARATION FAILURE messages received by the SRNC and the Cause is Trelocprep Expiry.	Sum	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh

6.42.46RNC.Huawei.UMTS.Traffic_category_with_Operator

Traffic category per Operator

The performance data measurements for this KPI group are recorded against the combination of RNC and CNOPERATOR (cnoperator_id)

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AMR_Erlang_Equiv_PLMN_RNC	hua_cnoperator_tab.xlsnyb6lui2aidkrb02ofawjhk	FLOAT	#	This measurement item provides the equivalent Erlang values of AMR services in the CS domain of	Average	Sum, Minimum, Maximum

				the RNC for each Operator.		
VS_CSLoad_Erlang_Equiv_PLMN_RNC	hua_cnoperator_tab.ykayw2tupw2ahrhr0035xvpkr0	FLOAT	#	Total erlang values of all services in the CS domain of the RNC for each operator. This item only will be counted when the ran sharing function is switched on.	Average	Sum, Minimum, Maximum
VS_CSLoad_MaxErlang_Equiv_PLMN_RNC	hua_cnoperator_tab.ykayw2vupw2ahrhr0035xvpkr0	INTEGER	#	Maximum equivalent erlang values of all services in the CS domain of the RNC for each operator. This item only will be counted when the ran sharing function is switched on.	Average	Sum, Minimum, Maximum
VS_HSDPAPSLoad_DLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1bupw2ahrhr0035xvpkr0	FLOAT	Kbps	Downlink traffic of HSDPA PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_HSDPAPSLoad_MaxDLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1dupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum downlink traffic of HSDPA PS domain of	Average	Sum, Minimum, Maximum

				RNC for each operator		
VS_HSUPAPSLoad_MaxULThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1hupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum uplink traffic of HSUPA PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_HSUPAPSLoad_ULThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1fupw2ahrhr0035xvpkr0	FLOAT	Kbps	Uplink traffic of HSUPA PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_MBMSPSLoad_DLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1jupw2ahrhr0035xvpkr0	FLOAT	Kbps	Downlink traffic of MBMS PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_MBMSPSLoad_MaxDLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw1lupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum downlink traffic of MBMS PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_PS_CellDchUEs_PLMN	hua_cnoperator_tab.xlsnybdlui2aidkrb02ofawjhk	FLOAT	#	This measurement item provides the number of Cell_DCH UEs in the PS domain of the RNC for each Operator.	Average	Sum, Minimum, Maximum
VS_PSLoad_DLThruput_PLMN_RNC	hua_cnoperator_tab.son0hga2i32ahsr1b02offb2f6	FLOAT	Kbps	Obsolete in Vn00R010; Downlink traffic of PS domain of RNC for each operator	Average	Sum, Minimum, Maximum

VS_PSLoad_MaxDLThruput_PLMN_RNC	hua_cnoperator_tab.son0hgc2i32ahsr1b02offb2f6	INTEGER	Kbps	Obsolete in Vn00R010; Maximum downlink traffic of PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_PSLoad_MaxULThruput_PLMN_RNC	hua_cnoperator_tab.son0hg52i32ahsr1b02offb2f6	INTEGER	Kbps	Obsolete in Vn00R010; Maximum uplink traffic of PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_PSLoad_ULThruput_PLMN_RNC	hua_cnoperator_tab.son0hg32i32ahsr1b02offb2f6	FLOAT	Kbps	Obsolete in Vn00R010; Uplink traffic of PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_R99PSLoad_DLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw14upw2ahrhr0035xvpkr0	FLOAT	Kbps	Downlink traffic of R99 PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_R99PSLoad_MaxDLThruput_PLMN_RNC	hua_cnoperator_tab.ykayw16upw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum downlink traffic of R99 PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_R99PSLoad_MaxULThruput_PLMN_RNC	hua_cnoperator_tab.ykayw12upw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum uplink traffic of R99 PS domain of RNC for each operator	Average	Sum, Minimum, Maximum

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VS_R99PSLoad_ULThruput_PLMN_RNC	hua_cnoperator_tab.ykayw10upw2ahrhr0035xvpkr0	FLOAT	Kbps	Uplink traffic of R99 PS domain of RNC for each operator	Average	Sum, Minimum, Maximum
VS_VP_Erlang_Equiv_PLMN_RNC	hua_cnoperator_tab.xlsnybblui2aidkrb02ofawjhk	FLOAT	#	This measurement item provides the equivalent Erlang values of VP services in the CS domain of the RNC for each Operator.	Average	Sum, Minimum, Maximum

6.42.47RNC.Huawei.UMTS.Traffic_Load

Traffic Load data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
PSLoad_Thruput_RNC_busy_hour	{VS_PSLoad_DLThruput_RNC} + {VS_PSLoad_ULThruput_RNC}	FLOAT	kbps	Obsolete in release Vn00R010. Uplink and Downlink traffic of all services in the PS domain of the RNC. Busy hour measurement.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_CSLoad_Erlang_Equiv_AllSpu	hua_rnc_traffic_load_tab.ub2wgrbiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900R011:No description.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

						m
VS_CSLoad_Erlang_Equiv_RNC	hua_rnc_traffic_load_tab.vbkjff4ykvbpxsbr0lwnk25vww	FLOAT	Erlang	Equivalent Erlang values of all services in the CS domain of the RNC.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_CSLoad_MaxErlang_Equiv_RNC	hua_rnc_traffic_load_tab.ub2wgrdiyy2ahdha0035xkcuc6	FLOAT	#	Maximum equivalent CS Conversational Erlang for RNC	Constant	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_DLThruput_AllSpu	hua_rnc_traffic_load_tab.uh2kknniyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V900 R011:No description.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_DLThruput_RNC	hua_rnc_traffic_load_tab.ukm1qrlyffck6sp2atbl4xjn56	FLOAT	kbps	Obsolete in release Vn00R010. Downlink traffic of all	Average	hub99pslbh, hubcslbh, hubhsdpabh,

				services in the PS domain of the RNC.		hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_MaxDLThruput_RNC	hua_rnc_traffic_load_tab.uh2kkp6iyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete in release Vn00R010. Max downlink traffic of all services in the PS domain of the RNC.	Constant	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_MaxULThruput_RNC	hua_rnc_traffic_load_tab.uh2kkpbiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete in release Vn00R010. Max uplink traffic of all services in the PS domain of the RNC.	Constant	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_ULThruput_AllSpu	hua_rnc_traffic_load_tab.uh2kkpdiyy2ahdha0035xkcuc6	FLOAT	kbps	Obsolete from UTRAN/V900R011:No description.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_PSLoad_ULThruput_RNC	hua_rnc_traffic_load_tab.vn35rc3vscc06cuwi1psfpr3sv	FLOAT	kbps	Obsolete in release Vn00R010. Uplink traffic	Average	hub99pslbh, hubcslbh, hubhsdpa

				of all services in the PS domain of the RNC.		bh, hubpslbh, Sum, Minimum, Maximum

6.42.48RNC.Huawei.UMTS.Traffic_R99_HSDPA_HSUPA_MBMS

R99 HSDPA/HSUPA/MBMS traffic

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
R99PSLoad_Thruput_RNC	{VS_R99PSLoad_ULThruput_RNC} + {VS_R99PSLoad_DLThruput_RNC}	FLOAT	Kbps	Uplink and Downlink traffic of all services in the R99 PS domain of the RNC. Busy hour measurement.	Average	hub99pslbh, Sum, Minimum, Maximum
VS_HSDPAPSLoad_DLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0nupw2ahrhr0035xvpkr0	FLOAT	Kbps	DL traffic of HSDPA PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSDPAPSLoad_MaxDLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0pupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum DL traffic of HSDPA PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh,

						hubpslbh, Sum, Minimum, Maximum
VS_HSUPAPSLoad_MaxULThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0tupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum UL traffic of HSUPA PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_HSUPAPSLoad_ULThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0rupw2ahrhr0035xvpkr0	FLOAT	Kbps	UL traffic of HSUPA PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MBMSPSLoad_DLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0vupw2ahrhr0035xvpkr0	FLOAT	Kbps	DL traffic of MBMS PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_MBMSPSLoad_MaxDLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0xupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum DL traffic of MBMS PS domain in	Average	hub99pslbh, hubcslbh, hubhsdpa

				RNC		bh, hubpslbh, Sum, Minimum, Maximum
VS_R99PSLoad_DLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0jupw2ahrhr0035xvpkr0	FLOAT	Kbps	DL traffic of R99 PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_R99PSLoad_MaxDLThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0lupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum DL traffic of R99 PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_R99PSLoad_MaxULThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0hupw2ahrhr0035xvpkr0	INTEGER	Kbps	Maximum UL traffic of R99 PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

VS_R99PSLoad_ULThruput_RNC	hua_r99hsdpahsupambms_tab.ykayw0fupw2ahrhr0035xvpkr0	FLOAT	Kbps	UL traffic of R99 PS domain in RNC	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.42.49RNC.Huawei.UMTS.UL_Inter_PS

UL inter PS data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_RB_ULInterPS_128_RNC	hua_rnc_ul_inps_tab.uuo23j6ilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_144_RNC	hua_rnc_ul_inps_tab.uuo23j4ilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_16_RNC	hua_rnc_ul_inps_tab.uuo23jfilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is	Average	hub99pslbh, hubcslbh,

				STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.		hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_256_RNC	hua_rnc_ul_inps_tab.uuo23j2ilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_32_RNC	hua_rnc_ul_inps_tab.uuo23jdilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_384_RNC	hua_rnc_ul_inps_tab.uuo23j0ilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximu

				directions.		m
VS_RB_ULInterPS_64_RNC	hua_rnc_ul_inps_tab.uuo23jbilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum
VS_RB_ULInterPS_8_RNC	hua_rnc_ul_inps_tab.uuo23jhilk2ahdh6b035xkcuc6	FLOAT	#	Mean numbers of RBs whose traffic class is STREAMING/INTERACTIVE/BACKGROUND in PS domain and using the variable-rate in a RNC in the UL directions.	Average	hub99pslbh, hubcslbh, hubhsdpabh, hubpslbh, Sum, Minimum, Maximum

6.43 SAAL_Link Performance Indicators

- SAAL_Link.Huawei.UMTS.SAAL_Link_Measurement_UTRAN
- SAAL_Link.Huawei.UMTS.SAALLNK_PVCLAYER
- SAAL_Link.Huawei.UMTS.SAALPVC

6.43.1 SAAL_Link.Huawei.UMTS.SAAL_Link_Measurement_UTRAN

SAAL Link measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_AAL5_SAALLnk_Bytes	{VS_AAL5_SAALLnk_BytesTx} + {VS_AAL5_SAALLnk_BytesRx}	INTEGER	bytes	Total number of bytes sent and received on an SAAL link.	Sum	
VS_AAL5_SA	hua_saallink_tab.ykayw34	INTEG	bytes	Number of	Sum	

ALLnk_BytesRx	upw2ahrhr0035xvpkr0	ER		bytes received by an SAAL link in a measurement period.		
VS_AAL5_SAALLnk_BytesTx	hua_saallink_tab.ykayw36 upw2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes sent by an SAAL link in a measurement period.	Sum	
VS_SAAL_FailLnk_AlignFail	hua_saallink_tab.ykayw1x upw2ahrhr0035xvpkr0	INTEGER	#	Number of NNI SAAL link alignment failures	Sum	
VS_SAAL_FailLnk_AllReasons	hua_saallink_tab.ykayw1p upw2ahrhr0035xvpkr0	INTEGER	#	Number of NNI SAAL link failures	Sum	
VS_SAAL_FailLnk_ExcesErr_Rat	hua_saallink_tab.ykayw1t upw2ahrhr0035xvpkr0	INTEGER	#	Number of SAAL link failures because the bit error rate is excessively high. the RNC measures NNI SAAL links only.	Sum	
VS_SAAL_FailLnk_ExcesNoCred	hua_saallink_tab.ykayw1v upw2ahrhr0035xvpkr0	INTEGER	#	Number of NNI SAAL link failures due to no credit	Sum	
VS_SAAL_FailLnk_NoRspTimExp	hua_saallink_tab.ykayw1r upw2ahrhr0035xvpkr0	INTEGER	#	Number of SAAL link failures due to no_response timer expiry	Sum	
VS_SAAL_Ln	hua_saallink_tab.xlsny2xl	INTEG	#	This	Sum	

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kErr_BufferLoss	ui2aidkrb02ofawjhk	ER		measurement item provides the number of packets discarded on the SAAL link due to buffer full in a measurement period.		
VS_SAAL_LnkErr_OthReasons	hua_saallink_tab.ykayw22upw2ahrhr0035xvpkr0	INTEGER	#	Number of PDUs received by an SAAL link with the error code from q to t. the RNC measures NNI SAAL links only.	Sum	
VS_SAAL_LnkErr_PDUInval	hua_saallink_tab.ykayw20upw2ahrhr0035xvpkr0	INTEGER	#	Number of unsolicited or inappropriate PDUs received by NNI SAAL link	Sum	
VS_SAAL_LnkErr_RetransFail	hua_saallink_tab.ykayw24upw2ahrhr0035xvpkr0	INTEGER	#	Number of retransmission failures of NNI SAAL link connection control message.	Sum	
VS_SAAL_LnkErr_SDLoss	hua_saallink_tab.ykayw3bupw2ahrhr0035xvpkr0	INTEGER	#	Number of retransmissions of a packet on SAAL link due to loss of the packet. To provide reliable signalling transmission for the upper layer, the	Sum	

				SAAL link retransmits a packet when losing it.		
VS_SAAL_LnkServDur_Time	hua_saallink_tab.ykayw1nupw2ahrhr0035xvpkr0	INTEGER	seconds	Duration of in-service of NNI SAAL link	Average	Sum, Minimum, Maximum

6.43.2 SAAL_Link.Huawei.UMTS.SAALLNK_PVCLAYER

SAAL Link PVC Layer

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SAALLNK_PVCLAYER_DROPFORCNTERRCELLS	hua_saalpvclayer_tab.suihn5durp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by SAAL PVC due to error contents	Sum	
VS_SAALLNK_PVCLAYER_DROPFORLENERRCELLS	hua_saalpvclayer_tab.suihn5furp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by SAAL PVC due to error packet length	Sum	
VS_SAALLNK_PVCLAYER_PEAK_BYTESRX	hua_saalpvclayer_tab.son0hgg2i32ahsr1b02offb2f6	INTEGER	bytes	Obsolete in Vn00R010; Maximum number of bytes sent	Average	Sum, Minimum, Maximum

VS_SAALLNK_PVCLAYER_PEAK_BYTESTX	hua_saalpvclayer_tab.son0hge2i32ahsr1b02offb2f6	INTEGER	bytes	Obsolete in Vn00R010; Maximum number of bytes received	Average	Sum, Minimum, Maximum
VS_SAALLNK_PVCLAYER_PEAK_RXRATE	hua_saalpvclayer_tab.suihn54urp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate received by the SAAL PVC in the specified measurement period	Average	Sum, Minimum, Maximum
VS_SAALLNK_PVCLAYER_PEAK_TXRATE	hua_saalpvclayer_tab.suihn50urp2ahrhr0035xvpkr0	FLOAT	Kbps	Peak rate transmitted by the SAAL PVC in the specified measurement period.	Average	Sum, Minimum, Maximum
VS_SAALLNK_PVCLAYER_RXBYTES	hua_saalpvclayer_tab.suihn52urp2ahrhr0035xvpkr0	FLOAT	bytes	Number of cells received by an SAAL PVC link in a measurement period.	Sum	
VS_SAALLNK_PVCLAYER_RXBYTESOFAAL5CPSPKTS	hua_saalpvclayer_tab.suihn5hurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes of correct AAL5 CPS packets received by SAAL PVC	Sum	
VS_SAALLNK_PVCLA	hua_saalpvclayer_tab.su	INTEG	#	Number of	Sum	

YER_RXCORRECTPKTS	ihn56urp2ahrhr0035xvpkr0	ER		correct packets received by SAAL PVC		
VS_SAALLNK_PVCLAYER_RXOVERFLOWDROPPEDCELLS	hua_saalpvclayer_tab.suihn5lurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by SAAL PVC due to overflow of receive buffer	Sum	
VS_SAALLNK_PVCLAYER_TXBYTES	hua_saalpvclayer_tab.suihn4xurp2ahrhr0035xvpkr0	FLOAT	bytes	Number of cells sent by an SAAL PVC link in a measurement period.	Sum	
VS_SAALLNK_PVCLAYER_TXBYTESOFAAL5CPSPKTS	hua_saalpvclayer_tab.suihn5jurp2ahrhr0035xvpkr0	INTEGER	bytes	Number of bytes of correct AAL5 CPS packets transmitted by SAAL PVC	Sum	
VS_SAALLNK_PVCLAYER_TXCORRECTPKTS	hua_saalpvclayer_tab.suihn5burp2ahrhr0035xvpkr0	INTEGER	#	Number of correct packets transmitted by SAAL PVC	Sum	

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VS_SAALLNK_PVCLAYER_TXOVERFLOWDROPPEDCELLS	hua_saalpvclayer_tab.suihn5nurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by SAAL PVC due to overflow of transmit buffer	Sum	

6.43.3 SAAL_Link.Huawei.UMTS.SAALPVC

SAAL PVC Link measurements

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL_5_SAAL_BYTESRX	hua_saalpvc_tab.ykayw3fupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of cells received by an SAAL PVC link in a measurement period.	Sum	
VS_AAL_5_SAAL_BYTESTX	hua_saalpvc_tab.ykayw3hupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Number of cells sent by an SAAL PVC link in a measurement period.	Sum	
VS_AAL_5_SAAL_PEAK_BYTESRX	hua_saalpvc_tab.ykayw3jupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Peak number of cells received by an SAAL PVC link in a measurement period.	Average	Sum, Minimum, Maximum

VS_AAL_5_SAAL_PEAK_BYTESTX	hua_saalpvc_tab.ykayw3lupw2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900 R011:Peak number of cells sent by an SAAL PVC link in a measurement period.	Average	Sum, Minimum, Maximum
VS_AAL_5_SAAL_PEAK_RXRATE	hua_saalpvc_tab.ykayw3nupw2ahrhr0035xvpkr0	INT8	Kbps	Obsolete from UTRAN/V900 R011:No description.	Average	Sum, Minimum, Maximum
VS_AAL_5_SAAL_PEAK_TXRATE	hua_saalpvc_tab.ykayw3pupw2ahrhr0035xvpkr0	INT8	Kbps	Obsolete from UTRAN/V900 R011:No description.	Average	Sum, Minimum, Maximum

6.44 SCCP Performance Indicators

- SCCP.Huawei.UMTS.SCCP

6.44.1 SCCP.Huawei.UMTS.SCCP

Signalling Connection control Part data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_SCCP_CC_Rx	hua_sccp_sccp_tab.rpwvgul34h2aispab035y0hf3v	INT8	#	Number of CC Messages Received by SCCP	Sum	
OS_SCCP_CC_Tx	hua_sccp_sccp_tab.rpwvguj34h2aispab035y0hf3v	INT8	#	Number of CC Messages Sent by SCCP	Sum	

OS_SCCP_CR_Rx	hua_sccp_sccp_tab.rpwvgud34h2aispab035y0hf3v	INT8	#	Number of CR Messages Received by SCCP	Sum	
OS_SCCP_CR_Tx	hua_sccp_sccp_tab.rpwvgub34h2aispab035y0hf3v	INT8	#	Number of CR Messages Sent by SCCP	Sum	
OS_SCCP_CREF_Rx	hua_sccp_sccp_tab.rpwvguh34h2aispab035y0hf3v	INT8	#	Number of CREF Messages Received by SCCP	Sum	
OS_SCCP_CREF_Tx	hua_sccp_sccp_tab.rpwvguf34h2aispab035y0hf3v	INT8	#	Number of CREF Messages Sent by SCCP	Sum	
OS_SCCP_Fail_Rel_Cmp	hua_sccp_sccp_tab.r01nmp4k6ubkjd5jyp1q616fuv	INTEGER	#	Number of SCCP connection release timeouts	Sum	
OS_SCCP_HandleLocalSSNMsg	hua_sccp_sccp_tab.yy316xiw2fc6wu0daq1iw26twg	INTEGER	#	Number of messages sent by SCCP to the local subsystem	Sum	
OS_SCCP_HandleTotalMsg	hua_sccp_sccp_tab.tsptf5ewfib6etoxaamabb20oe	INTEGER	#	Total number of messages from both local and peer end handled by SCCP	Sum	
OS_SCCP_Msg_TooLarge	hua_sccp_sccp_tab.y5f6463xwtcvmbsegsxbv1qlpq	INTEGER	#	Obsolete from UTRAN/V900R011:This measurement item calculates the number of message sending	Sum	

				failures because the length of the message exceeds the maximum capability of the SCCP.		
OS_SCCP_ProvInitRel	hua_sccp_sccp_tab.xi00efcosccoebewsanonjdc1s	INTEGER	#	Number of NSP-initiated SCCP connection releases.	Sum	
OS_SCCP_Reass_Expir	hua_sccp_sccp_tab.rben3pauoqbkttamlcu206dup1	INTEGER	#	Obsolete from UTRAN/V900R011:Number of SCCP message reassembly failures due to XUDT/LUDT reassembly timeout.	Sum	
OS_SCCP_Reass_NoSpace	hua_sccp_sccp_tab.ximpsdgnsbcmltowygyt143viy	INTEGER	#	Obsolete from UTRAN/V900R011:Number of SCCP XUDT/LUDT message reassembly failures due to insufficient buffer space.	Sum	
OS_SCCP_Reass_OutOfSeq	hua_sccp_sccp_tab.vx5hc3amp1caittjtcx3ojxiqx	INTEGER	#	Obsolete from UTRAN/V900R011:Number of SCCP message reassembly	Sum	

				failures due to out of sequence of the XUDT/LUDT message.		
OS_SCCP_REJ_Local	hua_sccp_sccp_tab.rpwvguv34h2aispab035y0hf3v	INT8	#	Ratio of the CREF Messages from the Local SCCP	Average	Sum, Minimum, Maximum
OS_SCCP_REJ_Remote	hua_sccp_sccp_tab.rpwvgut34h2aispab035y0hf3v	INT8	#	Ratio of the CREF Messages from the Peer SCCP	Average	Sum, Minimum, Maximum
OS_SCCP_RLC_RX	hua_sccp_sccp_tab.rpwvgur34h2aispab035y0hf3v	INT8	#	Number of RLC Messages Received by SCCP	Sum	
OS_SCCP_RLC_Tx	hua_sccp_sccp_tab.rpwvgup34h2aispab035y0hf3v	INT8	#	Number of RLC Messages Sent by SCCP	Sum	
OS_SCCP_RLSD_Tx	hua_sccp_sccp_tab.rpwvgun34h2aispab035y0hf3v	INT8	#	Number of RLSD Messages Sent by SCCP	Sum	
OS_SCCP_RouteFail_DSP_Unavai	hua_sccp_sccp_tab.xh2esoet4vcvwrwv60kd05wm0i	INTEGER	#	Number of SCCP routing failures due to DSP not reachable or not present.	Sum	
OS_SCCP_RouteFail_SSNFail	hua_sccp_sccp_tab.xj0s06swpgbcdshvyimams13jq	INTEGER	#	Number of SCCP routing failures due to subsystem faults.	Sum	
OS_SCCP_Route	hua_sccp_sccp_tab.t5qjbc	INTEG	#	Number of	Sum	

Fail_SSNUnequip	o1phcostsw06p1vcutqh	ER		SCCP routing failures due to subsystem unequipped.		
OS_SCCP_RouteFail_Unkown	hua_sccp_sccp_tab.udqqnblrowcfpsieg6tf6umfej	INTEGER	#	Number of SCCP routing failures due to other causes except DSP faults, subsystem faults and subsystem unequipped.	Sum	
OS_SCCP_Rx_CREF_DstInacc	hua_sccp_sccp_tab.t1y2eynlgacyac024fpljd5sht	INTEGER	#	Obsolete from UTRAN/V900R011:Number of connection rejection messages (CREF) received by the SCCP due to DSP inaccessible.	Sum	
OS_SCCP_Rx_CREF_DstNotRea	hua_sccp_sccp_tab.yyd6c4rc1cc5ue4xd6cntfx2eh	INTEGER	#	Obsolete from UTRAN/V900R011:Number of connection rejection messages (CREF) received by the SCCP due to DSP not reachable.	Sum	
OS_SCCP_Rx_C	hua_sccp_sccp_tab.w10eo	INTEG	#	Obsolete from	Sum	

REF_QOS_Unavail	uvanycvwufmqlygjw60rr	ER		UTRAN/V900R011:Number of connection rejection messages (CREF) received by the SCCP due to QoS unavailable.		
OS_SCCP_Rx_Msg_0_1	hua_sccp_sccp_tab.vos6m1goirbmvchvd31c2e0ik6	INTEGER	#	Number of class 0 and class 1 messages received by SCCP, that is, number of connectionless messages received by SCCP. SCCP connectionless messages include UDT, XUDT, LUDT, UDTS, XUDTS and LUDTS.	Sum	
OS_SCCP_Rx_Msg_2	hua_sccp_sccp_tab.rbhkxqel34bjgelyd4pg606p3v	INTEGER	#	Number of class 2 messages received by SCCP, that is, number of connection-oriented messages received by SCCP.SCCP connection-oriented messages include CR,	Sum	

				CC, CREF, RLSD, RLC, DT1 and IT.		
OS_SCCP_Rx_UDTS_Msg	hua_sccp_sccp_tab.xbnfj32nhxc52r00sy4fxgwqcu	INTEGER	#	Number of UTDS messages received by SCCP	Sum	
OS_SCCP_SegmenFail	hua_sccp_sccp_tab.v0nyipr5j1bmhdxqptufka33wk	INTEGER	#	Number of SCCP XUDT segmentation failures.	Sum	
OS_SCCP_SyntaxError	hua_sccp_sccp_tab.wq3n4hwnffcgnty0gnfhljhmy2	INTEGER	#	Obsolete from UTRAN/V900R011:Number of messages handled by SCCP due to syntax errors. SCCP syntax errors include the following: protocol type errors, address error of the calling party, address error of the called party, connection reference number error and unknown messages.	Sum	
OS_SCCP_TiarTimeout	hua_sccp_sccp_tab.vhn13lmquibxrtg1f3kbtpfdux	INTEGER	#	Number of connection releases due to SCCP inactivity	Sum	

				test.After the connection setup, the SCCP starts the inactivity receive timer (TIAR) and inactivity send timer (TIAS).The SCCP restarts the TIAS timer after sending a connection-oriented message. If it does not send connection-oriented messages until the expiry of the TIAS timer, the SCCP sends an inactivity test message (IT). The SCCP restarts the TIAR timer on receipt of a connection-oriented message (including the IT message). If it does not receive connection oriented messages until the expiry of the TIAR timer, the SCCP releases		

				the connection		
OS_SCCP_Tx_Msg_0_1	hua_sccp_sccp_tab.sj6c1ht6erb5vtm3231awbl66k	INTEGER	#	Number of class 0 and class 1 messages sent by SCCP, that is, number of connectionless messages sent by SCCP.SCCP connectionless messages include UDT, XUDT, LUDT, UDTS, XUDTS and LUDTS.	Sum	
OS_SCCP_Tx_Msg_2	hua_sccp_sccp_tab.ymgx23kke2bljbfxepqvq5dki0	INTEGER	#	Number of class 2 messages sent by SCCP, that is, number of connection-oriented messages sent by SCCPSCCP connection-oriented messages include CR, CC, CREF, RLSD, RLC, DT1 and IT.	Sum	
OS_SCCP_Tx_UDTS_Msg	hua_sccp_sccp_tab.xtvrffnnw4celeyy0uakghtnrb	INTEGER	#	Number of UTDS messages transmitted by	Sum	

				SCCP		
VS_SCCP_Rx_CREF_Cong	hua_sccp_sccp_tab.y3lwawfw4ybffeghihahgh3bg6	INTEGER	#	Obsolete from UTRAN/V900R011:Number of connection rejection messages (CREF) received by the SCCP due to network congestion.	Sum	
VS_SCCP_Rx_CREF_SSNUnequip	hua_sccp_sccp_tab.r4nb0edahucnuedp6r0tqjpu5k	INTEGER	#	Obsolete from UTRAN/V900R011:Number of connection refusal messages (CREF) received by the SCCP due to subsystem unequipped.	Sum	
VS_SCCP_Rx_ErrPDU	hua_sccp_sccp_tab.soj0emxy5fb3gcakqxgljxcy3l	INTEGER	#	Number of PDU ERROR messages received by SCCP	Sum	
VS_SCCP_Rx_RLSD_Cong	hua_sccp_sccp_tab.vw0ixabioscvsre0v62gp4mhfx	INTEGER	#	Number of connection release messages (RLSD) received by the SCCP due to congestion.	Sum	
VS_SCCP_Rx_RLSD_MtpFail	hua_sccp_sccp_tab.r2mh2oe24xcrccpfnrgq6bch2r	INTEGER	#	Number of connection release messages (RLSD)	Sum	

				received by the SCCP due to MTP faults.		
VS_SCCP_RX_RLSD_NORMAL	hua_sccp_sccp_tab.yearq3pupw2ahrhr0035xvpkr0	INTEGER	packets	Number of RLSD messages received by SCCP for normal causes	Sum	
VS_SCCP_Rx_RLSD_Other	hua_sccp_sccp_tab.xcqb3lhf5wbxhc13tvbegttnr5	INTEGER	#	Number of connection release messages (RLSD) received by the SCCP due to other causes.	Sum	
VS_SCCP_Rx_RLSD_SubsFail	hua_sccp_sccp_tab.wpk3uiqo0kci6d5dbd3xkgfqig	INTEGER	#	Number of connection release messages (RLSD) received by the SCCP due to subsystem faults.	Sum	
VS_SCCP_Rx_UDTS_FragFail	hua_sccp_sccp_tab.tcdvd4vykebturxvfi216rgx15	INTEGER	#	Number of UDTS messages received by the SCCP due to segmentation failure.	Sum	
VS_SCCP_Rx_XUDTS_ErrorMsg	hua_sccp_sccp_tab.rl2pv55h6fbnibpl265p0ht6lj	INTEGER	#	Number of XUDTS messages	Sum	

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				received by the SCCP due to transmission error.		
VS_SCCP_Tx_ErrPDU	hua_sccp_sccp_tab.trtt1h2um3cvmrp5mhosngxo2r	INTEGER	#	Number of PDU ERROR messages transmitted by SCCP	Sum	

6.45 SCTPIP Performance Indicators

- SCTPIP.Huawei.UMTS.SCTPIP

6.45.1 SCTPIP.Huawei.UMTS.SCTPIP

SCTP IP data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_SCTP_RETX_PKGNUM	hua_sctpip_sctpip_tab.ynm1aq6ld32ahdhbr035xkcuc6	INTEGER	#	Number of IP packets retransmitted by the SCTP link in the specified measurement period.	Sum	
VS_SCTP_RX_BYTES	hua_sctpip_sctpip_tab.ygry6ov10hclbc4ftab5nk0q3g	INT8	bytes	No description available.	Sum	
VS_SCTP_RX_ERRPKGNUM	hua_sctpip_sctpip_tab.rpwvgv634h2aispab035y0hf3v	INT8	#	Number of Error Packets Received on SCTP Link	Sum	
VS_SCTP_RX_MAXBYTES	hua_sctpip_sctpip_tab.wstarqfqkbchis0vgwx4ehmnjs	INT8	bytes	No description available.	Constant	Sum, Minimum, Maximum

VS_SCTP_RX_MAXPKGNUM	hua_sctpip_sctpip_tab.sm5akjnaqabqbsx5bc5f1aeey4	INT8	#	No description available.	Constant	Sum, Minimum, Maximum
VS_SCTP_RX_PKGNUM	hua_sctpip_sctpip_tab.spim0hlr4nbxec4bn36q4153d0	INT8	#	No description available.	Sum	
VS_SCTP_TX_BYTES	hua_sctpip_sctpip_tab.uylcwabedbcu3cg2r3gpt56pgd	INT8	bytes	No description available.	Sum	
VS_SCTP_TX_MAXBYTES	hua_sctpip_sctpip_tab.r4pjgcgh4xcl2byloxaoenufjg	INT8	bytes	No description available.	Constant	Sum, Minimum, Maximum
VS_SCTP_TX_MAXPKGNUM	hua_sctpip_sctpip_tab.twwx3lvb5ebw3urc4cgmffuftl	INT8	#	No description available.	Constant	Sum, Minimum, Maximum
VS_SCTP_TX_PKGNUM	hua_sctpip_sctpip_tab.ty4j6ljp0bc6qsuuopdt42n5tb	INT8	#	No description available.	Sum	

6.46 SCTPLNK Performance Indicators

- SCTPLNK.Huawei.UMTS.SCTP_IPLAYER
- SCTPLNK.Huawei.UMTS.SCTPLNK

6.46.1 SCTPLNK.Huawei.UMTS.SCTP_IPLAYER

SCTP IP Layer

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators

VS_SCTP_IPLAYER_RXBYTES	hua_sctp_iplayer_tab.suihncburp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of bytes received by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_RXDROPBYTES	hua_sctp_iplayer_tab.suihncfurp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of discarded bytes received by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_RXDROPPACKETS	hua_sctp_iplayer_tab.suihncdurp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of discarded packets received by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_RXMAXSPEED	hua_sctp_iplayer_tab.suihncnurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_RXMEANSPEED	hua_sctp_iplayer_tab.suihncrurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average receive rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_RXMINSPEED	hua_sctp_iplayer_tab.suihncpurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_RXPACKETS	hua_sctp_iplayer_tab.suihnc6urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of discarded bytes transmitted by SCTPLNK.IPLAYER	Sum	

VS_SCTP_IPLAYER_TXBYTES	hua_sctp_iplayer_tab.suihnc0urp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of bytes transmitted by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_TXDROPBYTES	hua_sctp_iplayer_tab.suihnc4urp2ahrhr0035xvpkr0	INTEGER	bytes	Obsolete from UTRAN/V900R011:Number of discarded bytes transmitted by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_TXDROPPACKETS	hua_sctp_iplayer_tab.suihnc2urp2ahrhr0035xvpkr0	INTEGER	#	Obsolete from UTRAN/V900R011:Number of discarded packets transmitted by SCTPLNK.IPLAYER	Sum	
VS_SCTP_IPLAYER_TXMAXSPEED	hua_sctp_iplayer_tab.suihnchurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_TXMEANSPEED	hua_sctp_iplayer_tab.suihnclurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average transmit rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_TXMINSPEED	hua_sctp_iplayer_tab.suihncjurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of SCTPLNK.IPLAYER	Average	Sum, Minimum, Maximum
VS_SCTP_IPLAYER_TXPACK	hua_sctp_iplayer_tab.suihnbxurp2ahrhr0035xvpkr	INTEGER	#	Obsolete from UTRAN/V900R0	Sum	

ETS	0			11:Number of packets transmitted by SCTPLNK.IPLAYER		

6.46.2 SCTPLNK.Huawei.UMTS.SCTPLNK

SCTP LNK data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
UPUSER_RECEIVE_MSG_NUM	hua_sctplnk_sctplnk_tab.rpwvgv434h2aispab035y0hf3v	INT8	#	Number of Packets Received on SCTP Link	Sum	
UPUSER_SEND_MSG_NUM	hua_sctplnk_sctplnk_tab.rpwvgv234h2aispab035y0hf3v	INT8	#	Number of Packets Sent on the SCTP Link	Sum	
VS_SCTP_CONGESTION_INTERVAL	hua_sctplnk_sctplnk_tab.vshj4uwhm3bjxenywaeetbrv1d	INTEGER	#	This measurement item provides the interval when the SCTP link is in congested state.	Sum	
VS_SCTP_CONGESTION	hua_sctplnk_sctplnk_tab.xlsny52lui2aidkrb02ofawjhk	INTEGER	#	Obsolete from UTRAN/V900R011:This measurement item provides the number of congestions on the SCTP link.	Sum	
VS_SCTP_SERVICE_INTERVAL	hua_sctplnk_sctplnk_tab.ulsqttqfi6cecdcnsbwf3ou3mx	INTEGER	#	This measurement item provides the interval when the	Sum	

				SCTP link provides services.		

6.47 Signalling_Link Performance Indicators

- Signalling_Link.Huawei.UMTS.IMA_Link
- Signalling_Link.Huawei.UMTS.MTP3BLNK
- Signalling_Link.Huawei.UMTS.SAALLNK
- Signalling_Link.Huawei.UMTS.SAALPVC

6.47.1 Signalling_Link.Huawei.UMTS.IMA_Link

Transmitted and received cells over an IMA Link.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_IMALNK_CELLS	{VS_IMALNK_TXCELLS} + {VS_IMALNK_RXCELLS}	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Link.Total number of cells sent and received by an IMA link	Sum	
VS_IMA_Lnk_MeanKbps_Rx	hua_sig_link_ima_link_tab.rmddyr1vimbf0dv66r35ufhcmd	FLOAT	#	Mean Rx rate of a single IMA link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_IMA_Lnk_MeanKbps_Tx	hua_sig_link_ima_link_tab.wxsnh0kv54bturdjisw3od6ynx	FLOAT	#	Mean Tx rate of a single IMA link in a given measurement period. Unit:	Average	Sum, Minimum, Maximum

				kbps		
VS_IMALNK_PEAK_RXCELLS	hua_sig_link_ima_link_tab.sy4ovwxst4bhmu6no2rr6re20y	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Link.Peak number of cells received by an IMA link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_IMALNK_PEAK_RXRATE	hua_sig_link_ima_link_tab.uuo23jnilk2ahdh6b035xkcuc6	INT8	kbps	Peak Rate Received by IMA LINK	Average	Sum, Minimum, Maximum
VS_IMALNK_PEAK_TXCELLS	hua_sig_link_ima_link_tab.wboiqwtqrvbqft2e204mi4w02u	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Link.Peak number of cells transmitted by an IMA link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_IMALNK_PEAK_TXRATE	hua_sig_link_ima_link_tab.uuo23jpilk2ahdh6b035xkcuc6	INT8	kbps	Peak Rate Sent by IMA LINK	Average	Sum, Minimum, Maximum
VS_IMALNK_RXCELLS	hua_sig_link_ima_link_tab.xuqkk0pi24cu4cly6s34x5iyhj	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Link.Number of cells received by an IMA link in a measurement period.	Sum	
VS_IMALNK_	hua_sig_link_ima_link_ta	INTEG	#	Obsolete from	Sum	

TXCELLS	b.rfsgtkl1fvbwhsqswfgvhh4q3r	ER		UTRAN/V200R010:**Moved under IMA_Link.Number of cells sent by an IMA link in a measurement period		

6.47.2 Signalling_Link.Huawei.UMTS.MTP3BLNK

Message Transfer Part Level 3 data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_Lnk_Cho	hua_sig_link_mtp3blnk_tab.wjspctqvttbtbsl1ccnd2u1d5o	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of changeovers of the service to other MTP3B links.	Sum	
OS_MTP3B_Lnk_Cong_Dur	hua_sig_link_mtp3blnk_tab.yfsudpdiv1c4iuqfcwyum6uery	INTEGER	Seconds	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Duration (in seconds) of MTP3B link congestion.	Sum	
OS_MTP3B_Lnk_ConG	hua_sig_link_mtp3blnk_tab.vvakuf5placc5clkglvpm4jcic	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved	Sum	

				under MTP3B_Link. Number of MTP3B link congestions.		
OS_MTP3B_Lnk_Fail_Dur	hua_sig_link_mtp3blnk_tab.v2kism2qgxc2sbtryx25cdylbh	INTEGER	Seconds	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Out-of-service duration (in seconds) of the MTP3B link.	Sum	
OS_MTP3B_Lnk_Fail	hua_sig_link_mtp3blnk_tab.vr4htru6f6bv6tmflkkwyb0m1t	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of MTP3B link failures for all reasons. When the MTP3B link fails, it stops providing service.	Sum	
OS_MTP3B_Lnk_LocalInh_Dur	hua_sig_link_mtp3blnk_tab.u5c3mxm2gmb30uidhug2i5ojw2	INTEGER	Seconds	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of inhibitions on the MTP3B link by the local end.	Sum	
OS_MTP3B_Lnk_LocalInhibit	hua_sig_link_mtp3blnk_tab.w5qic1gxemcl3cw3aywlar5tei	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Duration (in	Sum	

				seconds) when the MTP3B link stays locally inhabited after being inhibited at the local end.		
OS_MTP3B_Lnk_RmtInhibit_Dur	hua_sig_link_mtp3blnk_tab.uyc6nj2sbwc26uyjovy14vpl6h	INTEGER	Seconds	Obsolete from UTRAN/V200 R010:**Moved under MTP3B_Link. Duration (in seconds) when the MTP3B link stays remotely inhabited after being inhibited by the remote signalling point.	Sum	
OS_MTP3B_Lnk_RmtInhibit	hua_sig_link_mtp3blnk_tab.s4wgahtlmvcm1cfwkxviqvyn4s	INTEGER	#	Obsolete from UTRAN/V200 R010:**Moved under MTP3B_Link. Number of inhibitions on the MTP3B link by the remote signalling point.	Sum	
OS_MTP3B_Lnk_Rx_Msg	hua_sig_link_mtp3blnk_tab.wjo364ycv0cbur2wx3wmjglpag	INTEGER	#	Obsolete from UTRAN/V200 R010:**Moved under MTP3B_Link. Number of	Sum	

				message signalling units (MSU) received on the MTP3B link.		
OS_MTP3B_Lnk_Service_Dur	hua_sig_link_mtp3blnk_tab.vm0xpi55dxcbjc3rvx1symvqxs	INTEGER	Seconds	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Service duration (in seconds) of the MTP3B link.	Sum	
OS_MTP3B_Lnk_SIO_SIF_Rx	hua_sig_link_mtp3blnk_tab.upfxtgl0sobjisvs20wuynv0cd	INT8	Octets	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of octets of message signalling units (MSU) received by the MTP3B link.The octets include SIF and SIO. SIF includes upper layer signalling content and routing label. SIO includes network indicator and service indicator.	Sum	
OS_MTP3B_Lnk_SIO_SIF_Tx	hua_sig_link_mtp3blnk_tab.vfkcyqn2qvcgrsns0sr4jvmmos	INT8	Octets	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of	Sum	

				octets of message signalling units (MSU) sent on the MTP3B link.The octets include SIF and SIO. The SIF includes upper layer signalling content and routing label. The SIO includes network indicator and service indicator		
OS_MTP3B_Lnk_Tx_Msg	hua_sig_link_mtp3blnk_tab.rg4ogkow36cpmuhtmceqqnnipt	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Number of message signalling units (MSU) sent by the MTP3B Link.	Sum	
Total_OS_MTP3B_Lnk_SIO_SIF	{OS_MTP3B_Lnk_SIO_SIF_Rx} + {OS_MTP3B_Lnk_SIO_SIF_Tx}	INT8	Octets	Obsolete from UTRAN/V200R010:**Moved under MTP3B_Link. Total number of octets of messages sent and received	Sum	

6.47.3 Signalling_Link.Huawei.UMTS.SAALLNK

Signalling ATM Adaption Layer link data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_AAL5_SAALLnk_Bytes	{VS_AAL5_SAALLnk_BytesTx} + {VS_AAL5_SAALLnk_BytesRx}	INT8	bytes	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link.Total number of bytes sent and received on an SAAL link.	Sum	
VS_AAL5_SAALLnk_BytesRx	hua_sig_link_saallnk_tab.yi5nr0gq63curer646lib0xb1m	INT8	bytes	Number of bytes received by an SAAL link in a measurement period.	Sum	
VS_AAL5_SAALLnk_BytesTx	hua_sig_link_saallnk_tab.uhpve5fqjbcv4dtup6lacspvjp	INT8	bytes	Number of bytes sent by an SAAL link in a measurement period.	Sum	
VS_SAAL_FailLnk_AlignFail	hua_sig_link_saallnk_tab.xutucxgmqfcrvtb5lilsf5pcrd	INTEGER	#	Number of NNI SAAL link alignment failures.It measures NNI SAAL links only.	Sum	
VS_SAAL_FailLnk_AllReasons	hua_sig_link_saallnk_tab.tqvtgstulpcyecrthwwfkyvcgb	INTEGER	#	Number of NNI SAAL link failures. The failures include broken NNI SAAL link by any reason and alignment failure in the link setup	Sum	

				procedure. It measures NNI SAAL links only		
VS_SAAL_FailLnk_ExcesErr_Rat	hua_sig_link_saallnk_tab.vx0tbrcltecosdqfqkjxg0g5dj	INTEGER	#	Number of SAAL link failures due to too high bit error rate.It measures NNI SAAL links only	Sum	
VS_SAAL_FailLnk_ExcesNoCred	hua_sig_link_saallnk_tab.v3ewdu0lwpcgptwouhaxvp6lcm	INTEGER	#	Number of NNI SAAL link failures due to no credit for a long time. It measures NNI SAAL links only.NNI SAAL controls flow by sliding window. The credit refers to the size of the sliding window.	Sum	
VS_SAAL_FailLnk_NoRspTimExp	hua_sig_link_saallnk_tab.tgx3qhdgskb5grbdnke2eymbxk	INTEGER	#	Number of SAAL link failures due to no response from the peer end.	Sum	
VS_SAAL_LnkErr_OthReasons	hua_sig_link_saallnk_tab.rj5ptfqomecvisa1imiq4ihwi3	INTEGER	#	Number of PDUs received by SAAL link with error code from Q to T.Error code Q:	Sum	

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				indicates the erroneous sequence number N(S) of an SD or POLL message. Error code R: indicates the erroneous sequence number N(PS) of a STAT message.		
VS_SAAL_LnkErr_PDUInval	hua_sig_link_saallnk_tab.xwjtyam13hcxptjmm2s6ds1bfp	INTEGER	#	Number of unsolicited or inappropriate protocol data units (PDUs) received by SAAL NNI link. An unsolicited or inappropriate PDU refers to the erroneous PDU received by the SAAL link with the error code from A to M.	Sum	
VS_SAAL_LnkErr_RetransFail	hua_sig_link_saallnk_tab.vyg0bhwwvibmkchy1scovjsgje	INTEGER	#	Number of failures in retransmitting an NNI SAAL link connection control message.The NNI SAAL link connection control messages include BGN, END, RS, and ER. For example, the	Sum	

				SAAL link fails to receive a response from the peer.		
VS_SAAL_LnkErr_SDLoss	hua_sig_link_saallnk_tab.ynywyk6nprbaxtc300xbg0vret	INTEGER	#	Number of retransmissions of a packet on SAAL link due to loss of the packet.To provide reliable signalling transmission for the upper layer, the SAAL link retransmits a packet when losing it.	Sum	
VS_SAAL_LnkServDur_Time	hua_sig_link_saallnk_tab.yfud2xsa1db0fd1ufuu2hjm54r	INTEGER	seconds	In-service duration (in seconds) of an NNI SAAL link.It measures NNI SAAL links only.	Sum	

6.47.4 Signalling_Link.Huawei.UMTS.SAALPVC

Signalling ATM Adaption Layer Permanent Virtual Circuit link data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_AAL_5_SAAL_BYTESRX	hua_sig_link_saalpvc_tab.ur1px4squnbawtjv2njdrx2c5k	INT8	bytes	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link.	Sum	

				Number of cells received by an SAAL PVC link in a measurement period.		
VS_AAL_5_SAAL_BYTESTX	hua_sig_link_saalpvc_tab.wcxnvippp5ccocxxlmvghiyhb5	INT8	bytes	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link.Number of cells sent by an SAAL PVC link in a measurement period.	Sum	
VS_AAL_5_SAAL_PEAK_BYTESRX	hua_sig_link_saalpvc_tab.yvy0tupu2rcb6b03ce05cimxf3	INT8	bytes	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link. Peak number of cells received by an SAAL PVC link in a measurement period.	Sum	
VS_AAL_5_SAAL_PEAK_BYTESTX	hua_sig_link_saalpvc_tab.y6eoolnhljb3wrd13xsmncd1do	INT8	bytes	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link. Peak number of cells sent by an SAAL PVC link in a measurement period.	Sum	
VS_AAL_5_SAAL_PEAK_RXRATE	hua_sig_link_saalpvc_tab.uuo23jjilk2ahdh6b035xkcuc6	INT8	kbps	Obsolete from UTRAN/V200R010:**Moved under	Average	Sum, Minimum, Maximu

				SAAL_Link.No description.		m
VS_AAL_5_SAAL_PEAK_TXRATE	hua_sig_link_saalpvc_tab.uuo23jlilk2ahdh6b035xkcuc6	INT8	kbps	Obsolete from UTRAN/V200R010:**Moved under SAAL_Link.No description.	Average	Sum, Minimum, Maximum

6.48 Signalling_LinkSet Performance Indicators

- Signalling_LinkSet.Huawei.UMTS.IMA_Group
- Signalling_LinkSet.Huawei.UMTS.MTP3BLNKSET

6.48.1 Signalling_LinkSet.Huawei.UMTS.IMA_Group

IMA group data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
Total_VS_IMAGRP_CELLS	{VS_IMAGRP_TXCELLS} + {VS_IMAGRP_RXCELLS}	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Group.Total number of cells sent and received by an IMA group	Sum	
VS_IMA_Grp_MeanKbps_Rx	hua_siglnks_imagrp_tab.ssktr5i4vnca0e3332upukmmqr	FLOAT	#	Mean Rx rate of an IMA group in a given measurement period. Unit: kbps	Average	Sum, Minimum, Maximum
VS_IMA_Grp_MeanKbps_T	hua_siglnks_imagrp_tab.x53stf2hxvcebe3hbufhqvklna	FLOAT	#	Mean Tx rate of an IMA group	Average	Sum, Minimu

x				in a given measurement period. Unit: kbps		m, Maximum
VS_IMAGRP_PEAK_RXCELLS	hua_siglnks_imagrp_tab.rcrbh5qc6ccfke4ftf2jdjjso2	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Group.Peak number of cells received by an IMA group in a measurement period	Constant	Sum, Minimum, Maximum
VS_IMAGRP_PEAK_RXRATE	hua_siglnks_imagrp_tab.uuo23jrilk2ahdh6b035xkcuc6	INT8	kbps	Obsolete from UTRAN/V200R010:**Moved under IMA_Group.Peak Rate Received by IMA GROUP	Average	Sum, Minimum, Maximum
VS_IMAGRP_PEAK_TXCELLS	hua_siglnks_imagrp_tab.xh6jbwg0djb0hsmb13wfedljgo	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Group. Peak number of cells transmitted by an IMA group in a measurement period	Constant	Sum, Minimum, Maximum
VS_IMAGRP_PEAK_TXRATE	hua_siglnks_imagrp_tab.uuo23jtilk2ahdh6b035xkcuc6	INT8	kbps	Obsolete from UTRAN/V200R010:**Moved under IMA_Group. Peak Rate Sent by IMA GROUP	Average	Sum, Minimum, Maximum
VS_IMAGRP_	hua_siglnks_imagrp_tab.w	INTEG	#	Obsolete from	Sum	

RXCELLS	qsmhlqbxmbhhdlx4yympc2o6s	ER		UTRAN/V200R010:**Moved under IMA_Group.		
VS_IMAGRP_TXCELLS	hua_siglnks_imagrp_tab.vvuomnrv3lbptdom60ld3xdsrw	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under IMA_Group.Number of cells sent by an IMA group in a measurement period.	Sum	

6.48.2 Signalling_LinkSet.Huawei.UMTS.MTP3BLNKSET

Message Transfer Part level 3 linkset data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_Lnkset_Unavail_Dur	hua_siglnks_mtp3blnkset_tab.s6pd4qi62tc2le4u2p5fw5mipp	INTEGER	Seconds	Obsolete from UTRAN/V200R010:**Moved under MTP3B_LinkSet.Duration (in seconds) of the MTP3B link set in unavailable state.	Sum	
OS_MTP3B_Lnkset_Unavail	hua_siglnks_mtp3blnkset_tab.temlfmhb0gchksbaav6x6poi1u	INTEGER	#	Obsolete from UTRAN/V200R010:**Moved under MTP3B_LinkSet.Number of MTP3B link set	Sum	

				failures.The MTP3B link set fails when it shifts from available state to the unavailable state		

6.49 Signalling_Point Performance Indicators

- Signalling_Point.Huawei.UMTS.MTP3BDSP

6.49.1 Signalling_Point.Huawei.UMTS.MTP3BDSP

Message Transfer Part level 3 DSP data.

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
OS_MTP3B_DSP_Unavail_Dur	hua_sig_point_mtp3bdsp_tab.wuttpbeufibkvcer6eia5hhfkv	INTEGER	Seconds	Obsolete from UTRAN/V900 R011:**Moved under MTP3B_Point. Duration (in seconds) of an MTP3B DSP in inaccessible state.	Sum	
OS_MTP3B_DSP_Unavail	hua_sig_point_mtp3bdsp_tab.wtpfmc6erobc4tmf3ilmd4qtn4	INTEGER	#	Obsolete from UTRAN/V900 R011:**Moved under MTP3B_Point. Number of MTP3B DSP status changes from the accessible state to inaccessible state.	Sum	

6.50 UDSP Performance Indicators

- UDSP.Huawei.UMTS.UDSP

6.50.1 UDSP.Huawei.UMTS.UDSP

Measurement related to DSP performance

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_DSP_AMRLCResetToMax	hua_udsp_tab.rpwvgwd34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_AMRLCSetup	hua_udsp_tab.rpwvgwb34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_DSPUsageAvgCount	hua_udsp_tab.rpwvgwh34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_DSPUsageAvg	hua_udsp_tab.rpwvgvp34h2aispab035y0hf3v	INT8	#	No description.	Average	Sum, Minimum, Maximum
VS_DSP_DSPUsageAvgValue	hua_udsp_tab.rpwvgwf34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_DSPUsagePeak	hua_udsp_tab.rpwvgvn34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_FPCfgFail	hua_udsp_tab.rpwvgvt34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_FPCfg	hua_udsp_tab.rpwvgvr34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_FPTrchSyncFail	hua_udsp_tab.rpwvgvh34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_FPTrchSync	hua_udsp_tab.rpwvgvf34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_IUUPCf	hua_udsp_tab.rpwvgw634	INT8	#	No description.	Sum	

gFail	h2aispab035y0hf3v					
VS_DSP_IUUPCfg	hua_udsp_tab.rpwvgw434h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_IUUPInitFail	hua_udsp_tab.rpwvgvd34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_IUUPInit	hua_udsp_tab.rpwvgvb34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_MACDCfgFail	hua_udsp_tab.rpwvgvx34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_MACDCfg	hua_udsp_tab.rpwvgvv34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_PSDLThruput	hua_udsp_tab.rpwvgwj34h2aispab035y0hf3v	INT8	bytes	No description.	Sum	
VS_DSP_PSULThruput	hua_udsp_tab.rpwvgwl34h2aispab035y0hf3v	INT8	bytes	No description.	Sum	
VS_DSP_RLCCfgFail	hua_udsp_tab.rpwvgw234h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_RLCCfg	hua_udsp_tab.rpwvgw034h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_TimerStartFail	hua_udsp_tab.rpwvgvl34h2aispab035y0hf3v	INT8	#	No description.	Sum	
VS_DSP_TimerStart	hua_udsp_tab.rpwvgvj34h2aispab035y0hf3v	INT8	#	No description.	Sum	

6.51 UNILNK Performance Indicators

- UNILNK.Huawei.UMTS.UNILNK

6.51.1 UNILNK.Huawei.UMTS.UNILNK

UNI LNK data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_UNI_Lnk_MeanKbps_Rx	hua_unilnk_unilnk_tab.vi0eg3m05sbk6bsnoicakkjrri	FLOAT	#	Mean Rx rate of a UNI link	Average	Sum, Minimu

				in a given measurement period. Unit: kbps.		m, Maximum
VS_UNI_Lnk_MeanKbps_Tx	hua_unilnk_unilnk_tab.xpgm5kmbwpc1nrphh0rrx5vntg	FLOAT	#	Mean Tx rate of a UNI link in a given measurement period. Unit: kbps.	Average	Sum, Minimum, Maximum
VS_UNILNK_Alloced_Ave_Bwd	hua_unilnk_unilnk_tab.xlsny4hlui2aidkrb02ofawjhk	FLOAT	bps	Mean backward bandwidth assigned to a UNI link	Average	Sum, Minimum, Maximum
VS_UNILNK_Alloced_Ave_Fwd	hua_unilnk_unilnk_tab.xlsny4flui2aidkrb02ofawjhk	FLOAT	bps	Mean forward bandwidth assigned to a UNI link	Average	Sum, Minimum, Maximum
VS_UNILNK_Alloced_Max_Bwd	hua_unilnk_unilnk_tab.xlsny46lui2aidkrb02ofawjhk	FLOAT	bps	Peak backward bandwidth assigned to a UNI link	Average	Sum, Minimum, Maximum
VS_UNILNK_Alloced_Max_Fwd	hua_unilnk_unilnk_tab.xlsny44lui2aidkrb02ofawjhk	FLOAT	bps	Peak forward bandwidth assigned to a UNI link	Average	Sum, Minimum, Maximum
VS_UNILNK_Bwd_Cong_Dur	hua_unilnk_unilnk_tab.rpwvgv034h2aispab035y0hf3v	INT8	#	Duration of UNI Link Backward Congestions	Sum	
VS_UNILNK_Bwd_Cong	hua_unilnk_unilnk_tab.rpwvgux34h2aispab035y0hf3v	INT8	#	Number of UNI Link Backward	Sum	

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				Congestions		
VS_UNILNK_Fwd_Cong_Dur	hua_unilnk_unilnk_tab.xlsny4dlui2aidkrb02ofawjhk	INTEGER	seconds	Duration of forward congestion on a UNI link	Sum	
VS_UNILNK_Fwd_Cong	hua_unilnk_unilnk_tab.xlsny4blui2aidkrb02ofawjhk	INTEGER	#	Number of forward congestions on a UNI link	Sum	
VS_UNILNK_PEAK_RXCELLS	hua_unilnk_unilnk_tab.uh2kksxiyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Peak Rate of Cells Received by UNI Link.	Constant	Sum, Minimum, Maximum
VS_UNILNK_PEAK_RXRATE	hua_unilnk_unilnk_tab.vrtnl0ixwoc1xt3621buk5jcqn	FLOAT	#	Peak rate of cells received by a UNI link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_UNILNK_PEAK_TXCELLS	hua_unilnk_unilnk_tab.uh2kkt0iyy2ahdha0035xkcuc6	FLOAT	#	Obsolete from UTRAN/V200R010:Peak Rate of Cells Transmitted by UNI Link.	Constant	Sum, Minimum, Maximum
VS_UNILNK_PEAK_TXRATE	hua_unilnk_unilnk_tab.t04ttbm4l6chfdvd4miaehvnbp	INTEGER	#	Peak rate of cells sent by a UNI link in a measurement period.	Constant	Sum, Minimum, Maximum
VS_UNILNK_RXCELLS	hua_unilnk_unilnk_tab.sbv2sxjlvqcqme4bkmcsd6g14e	INTEGER	#	Number of cells received by a UNI link in a measurement period.	Sum	
VS_UNILNK_RXDROPS	hua_unilnk_unilnk_tab.suihnbdurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by	Sum	

				UNILINK		
VS_UNILNK_RXHCSERRCELLS	hua_unilnk_unilnk_tab.suihnbburp2ahrhr0035xvpkr0	INTEGER	#	Number of error cells received by UNILINK	Sum	
VS_UNILNK_TXCELLS	hua_unilnk_unilnk_tab.s2o5evbexwc6juon0y26atet4c	INTEGER	#	Number of cells sent by a UNI link in a measurement period.	Sum	

6.52 UOI_Board Performance Indicators

- UOI_Board.Huawei.UMTS.UOI

6.52.1 UOI_Board.Huawei.UMTS.UOI

UOI Board data

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_UOI_RXMAXSPEED	hua_uoi_tab.xlsnyehlui2aidkrb02ofawjhk	FLOAT	kbps	The max receiving speed of fiber board	Average	Sum, Minimum, Maximum
VS_UOI_TXMAXSPEED	hua_uoi_tab.xlsnyejlui2aidkrb02ofawjhk	FLOAT	kbps	The max transmitting speed of fiber board	Average	Sum, Minimum, Maximum

6.53 VC_ACROSS Performance Indicators

- VC_ACROSS.Huawei.UMTS.VCCCROSS_Traffic

6.53.1 VC_ACROSS.Huawei.UMTS.VCCCROSS_Traffic

VCCROSS utilisation

KPI Name	Expression	Data Type	Units	Description	Default Aggregator	Other Aggregators
VS_VCCROSS_RXBYTES	hua_vcccrosstraffic_tab.suihnjnurp2ahrhr0035xvpkr0	INTEGER	#	Number of bytes received by VCCROSS	Sum	
VS_VCCROSS_RXCELLS	hua_vcccrosstraffic_tab.suihnjrurp2ahrhr0035xvpkr0	INTEGER	#	Number of cells received by VCCROSS	Sum	
VS_VCCROSS_RXDROPCELLS	hua_vcccrosstraffic_tab.suihnjxurp2ahrhr0035xvpkr0	INTEGER	#	Number of discarded cells received by VCCROSS	Sum	
VS_VCCROSS_RXHCSERRCELLS	hua_vcccrosstraffic_tab.suihnjvurp2ahrhr0035xvpkr0	INTEGER	#	Number of HCS error cells received by VCCROSS	Sum	
VS_VCCROSS_RXMAXSPEED	hua_vcccrosstraffic_tab.suihnklurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum receive rate of VCCROSS	Average	Sum, Minimum, Maximum
VS_VCCROSS_RXMEANS	hua_vcccrosstraffic_tab.	FLOA	Kb	Average	Average	Sum,

PEED	suihnkpurp2ahrhr0035xvpkr0	T	ps	receive rate of VCCROSS		Minimum, Maximum
VS_VCCROSS_RXMINSPEED	hua_vcccrosstraffic_tab.suihnknurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum receive rate of VCCROSS	Average	Sum, Minimum, Maximum
VS_VCCROSS_RXOVERFLOWDROPCELLS	hua_vcccrosstraffic_tab.suihnk0urp2ahrhr0035xvpkr0	INTEGER	#	Number of cells discarded by VCCROSS due to overflow of receive buffer	Sum	
VS_VCCROSS_RXRECTIFIABLEHECERRCELLS	hua_vcccrosstraffic_tab.suihnk2urp2ahrhr0035xvpkr0	INTEGER	#	Number of rectifiable HEC error cells received by VCCROSS	Sum	
VS_VCCROSS_RXUNRECTIFIABLEHECERRCELLS	hua_vcccrosstraffic_tab.suihnk4urp2ahrhr0035xvpkr0	INTEGER	#	Number of un-correctable HEC error cells received by	Sum	

				VCCROSS		
VS_VCCROSS_TXBYTES	hua_vcccrosstraffic_tab.suihnjpurp2ahrhr0035xvpkr0	INTEGER	#	Number of bytes transmitted by VCCROSS	Sum	
VS_VCCROSS_TXCELLS	hua_vcccrosstraffic_tab.suihnjturp2ahrhr0035xvpkr0	INTEGER	#	Number of cells transmitted by VCCROSS	Sum	
VS_VCCROSS_TXDROPCELLS	hua_vcccrosstraffic_tab.suihnkburp2ahrhr0035xvpkr0	INTEGER	#	Number of cells abnormally discarded by VCCROSS	Sum	
VS_VCCROSS_TXMAXSPEED	hua_vcccrosstraffic_tab.suihnkfurp2ahrhr0035xvpkr0	FLOAT	Kbps	Maximum transmit rate of VCCROSS	Average	Sum, Minimum, Maximum
VS_VCCROSS_TXMEANSPEED	hua_vcccrosstraffic_tab.suihnkjurp2ahrhr0035xvpkr0	FLOAT	Kbps	Average transmit rate of VCCROSS	Average	Sum, Minimum, Maximum
VS_VCCROSS_TXMINSPEED	hua_vcccrosstraffic_tab.suihnkhurp2ahrhr0035xvpkr0	FLOAT	Kbps	Minimum transmit rate of VCCROSS	Average	Sum, Minimum, Maximum
VS_VCCROSS_TXOVERFLOWCELLS	hua_vcccrosstraffic_tab.suihnkdurp2ahrhr0035x	INTEGER	#	Number of	Sum	

	vpkr0			overflow cells of VCCROSS		
VS_VCCROSS_TXOVERFLOWDROPCELLS	hua_vcccrosstraffic_tab.suihnk6urp2ahrhr0035xvpkr0	INTEGER	#	Number of user cells discarded by VCCROSS due to overflow of transmit buffer	Sum	

7 Database Schema

7.1 Hierarchy Tables

This section lists the hierarchy ("NC") tables that are included in this technology pack module's database schema.

7.1.1 NC_AAL2PATH

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
AAL2PATH_ID	VARCHAR2(100)		[B67109466] RNC_Id & "/" & AAL2PATH_Id [B67109477] RNC_Id & "/" & AAL2PATH_Id [B67109486] RNC_Id & "/" & AAL2PATH_Id
REGION_ID	VARCHAR2(50)	Y	[B67109466] Region_Id [B67109477] Region_Id [B67109486] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109466] Network_Id [B67109477] Network_Id [B67109486] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
AAL2PATH_NAME	VARCHAR2(255)		[B67109466] RNC_Id & "/" & AAL2PATH_Id [B67109477] RNC_Id & "/" & AAL2PATH_Id [B67109486] RNC_Id & "/" & AAL2PATH_Id

NODE_ID	VARCHAR2(255)		[B67109466] RNC_Id [B67109477] RNC_Id [B67109486] RNC_Id
NODE_NAME	VARCHAR2(255)		[B67109466] RNC_Id [B67109477] RNC_Id [B67109486] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109466] "RNC" [B67109477] "RNC" [B67109486] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109466] "UMTS" [B67109477] "UMTS" [B67109486] "UMTS"
VERSION	VARCHAR2(255)		[B67109466] "V900R011" [B67109477] "V900R011" [B67109486] "V900R011"

7.1.2 NC_ATM_LOGIC_PORT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_LOGIC_PORT_ID	VARCHAR2(255)		[B67109564] RNC_Id & "/" & Object_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109564] Network_Id
REGION_ID	VARCHAR2(50)	Y	[B67109564] Region_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_LOGIC_PORT_NAME	VARCHAR2(255)		[B67109564] RNC_Id & "/" & Object_Id
TECHNOLOGY	VARCHAR2(		[B67109564] "UMTS"

	255)		
VERSION	VARCHAR2(255)		[B67109564] "V900R011"

7.1.3 NC_ATM_NODE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_NODE_ID	VARCHAR2(100)		[B67109419] RNC_Id & "/" & Object_Id [B67109479] RNC_Id & "/" & Object_Id [B67109480] RNC_Id & "/" & Object_Id [B67109518] RNC_Id & "/" & Object_Id
BSC_ID	VARCHAR2(50)	Y	[B67109419] RNC_Id [B67109479] RNC_Id [B67109480] RNC_Id [B67109518] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109419] Region_Id [B67109479] Region_Id [B67109480] Region_Id [B67109518] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109419] Network_Id [B67109479] Network_Id [B67109480] Network_Id [B67109518] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_NODE_NAME	VARCHAR2(255)		[B67109419] RNC_Id & "/" & Object_Id [B67109479] RNC_Id & "/" & Object_Id [B67109480] RNC_Id & "/" & Object_Id [B67109518] RNC_Id & "/" & Object_Id
VERSION	VARCHAR2(255)		[B67109419] "V900R011" [B67109479] "V900R011" [B67109480] "V900R011" [B67109518] "V900R011"
TECHNOLOGY	VARCHAR2(255)		[B67109419] "UMTS" [B67109479] "UMTS"

			[B67109480] "UMTS" [B67109518] "UMTS"

7.1.4 NC_ATM_PORT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ATM_PORT_ID	VARCHAR2(50)		[B67109464] RNC_Id & "/" & ATM_Port_Id
NODE_ID	VARCHAR2(50)	Y	[B67109464] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109464] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109464] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
ATM_PORT_NAME	VARCHAR2(255)		[B67109464] RNC_Id & "/" & ATM_Port_Id
ATM_PORT_TYPE	VARCHAR2(50)		
ATM_PORT_VERSION	VARCHAR2(50)		[B67109464] "V900R011"
NODE_NAME	VARCHAR2(255)		[B67109464] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109464] "RNC"
TECHNOLOGY	VARCHAR2(50)		[B67109464] "UMTS"

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7.1.5 NC_BSC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
BSC_ID	VARCHAR2(50)		[B67109420] RNC_Id [B67109438] RNC_Id
MSC_ID	VARCHAR2(50)	Y	
SGSN_ID	VARCHAR2(50)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109420] Region_Id [B67109438] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109420] Network_Id [B67109438] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
BSC_NAME	VARCHAR2(255)		[B67109420] RNC_Id [B67109438] RNC_Id
BSC_VERSION	VARCHAR2(50)		[B67109420] "V900R011" [B67109438] "V900R011"
TECHNOLOGY	VARCHAR2(50)		[B67109420] "UMTS" [B67109438] "UMTS"

7.1.6 NC_BS

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
BS_ID	VARCHAR2(50)		[B50331649] RNC_Id & "/" & NodeB_Id [B67109387_GRP] RNC_Id & "/" & NodeB_Id [B67109390_GRP] RNC_Id & "/" & NodeB_Id [B67109391_GRP] RNC_Id & "/" & NodeB_Id

			[B67109471_GRP] RNC_Id & "/" & NodeB_Id [B67109473] RNC_Id & "/" & NodeB_Id
BSC_ID	VARCHAR2(50)	Y	[B50331649] RNC_Id [B67109387_GRP] RNC_Id [B67109390_GRP] RNC_Id [B67109391_GRP] RNC_Id [B67109471_GRP] RNC_Id [B67109473] RNC_Id
MSC_ID	VARCHAR2(50)	Y	
SGSN_ID	VARCHAR2(50)	Y	
REGION_ID	VARCHAR2(50)	Y	[B50331649] Region_Id [B67109387_GRP] Region_Id [B67109390_GRP] Region_Id [B67109391_GRP] Region_Id [B67109471_GRP] Region_Id [B67109473] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B50331649] Network_Id [B67109387_GRP] Network_Id [B67109390_GRP] Network_Id [B67109391_GRP] Network_Id [B67109471_GRP] Network_Id [B67109473] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SITE_NAME	VARCHAR2(255)		[B50331649] RNC_Id & "/" & NodeB_Id [B67109387_GRP] RNC_Id & "/" & NodeB_Id [B67109390_GRP] RNC_Id & "/" & NodeB_Id [B67109391_GRP] RNC_Id & "/" & NodeB_Id [B67109471_GRP] RNC_Id & "/" & NodeB_Id

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			[B67109473] RNC_Id & "/" & NodeB_Id
SITE_VERSION	VARCHAR2(50)		[B50331649] "V900R011" [B67109387_GRP] "V900R011" [B67109390_GRP] "V900R011" [B67109391_GRP] "V900R011" [B67109471_GRP] "V900R011" [B67109473] "V900R011"
TECHNOLOGY	VARCHAR2(50)		[B50331649] "UMTS" [B67109387_GRP] "UMTS" [B67109390_GRP] "UMTS" [B67109391_GRP] "UMTS" [B67109471_GRP] "UMTS" [B67109473] "UMTS"

7.1.7 NC_CELL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
CELL_ID	VARCHAR2(50)		[B67109365] RNC_Id & "/" & Cell_Id [B67109367] RNC_Id & "/" & Cell_Id [B67109368] RNC_Id & "/" & Cell_Id [B67109369] RNC_Id & "/" & Cell_Id [B67109372] RNC_Id & "/" & Cell_Id [B67109373] RNC_Id & "/" & Cell_Id [B67109376] RNC_Id & "/" & Cell_Id [B67109378] RNC_Id & "/" & Cell_Id [B67109379] RNC_Id & "/" & Cell_Id [B67109380] RNC_Id & "/" & Cell_Id [B67109381] RNC_Id & "/" & Cell_Id [B67109382] RNC_Id & "/" & Cell_Id [B67109384] RNC_Id & "/" & Cell_Id [B67109387] RNC_Id & "/" & Cell_Id [B67109390] RNC_Id & "/" & Cell_Id [B67109391] RNC_Id & "/" & Cell_Id [B67109392] RNC_Id & "/" & Cell_Id [B67109471] RNC_Id & "/" & Cell_Id [B67109474] RNC_Id & "/" & Cell_Id [B67109508] RNC_Id & "/" & Cell_Id [B67109523] RNC_Id & "/" & Cell_Id
BS_ID	VARCHAR2(	Y	[B67109365] RNC_Id & "/" & NodeB_Id

	50)		[B67109367] RNC_Id & "/" & NodeB_Id [B67109368] RNC_Id & "/" & NodeB_Id [B67109369] RNC_Id & "/" & NodeB_Id [B67109372] RNC_Id & "/" & NodeB_Id [B67109373] RNC_Id & "/" & NodeB_Id [B67109376] RNC_Id & "/" & NodeB_Id [B67109378] RNC_Id & "/" & NodeB_Id [B67109379] RNC_Id & "/" & NodeB_Id [B67109380] RNC_Id & "/" & NodeB_Id [B67109381] RNC_Id & "/" & NodeB_Id [B67109382] RNC_Id & "/" & NodeB_Id [B67109384] RNC_Id & "/" & NodeB_Id [B67109387] RNC_Id & "/" & NodeB_Id [B67109390] RNC_Id & "/" & NodeB_Id [B67109391] RNC_Id & "/" & NodeB_Id [B67109392] RNC_Id & "/" & NodeB_Id [B67109471] RNC_Id & "/" & NodeB_Id [B67109474] RNC_Id & "/" & NodeB_Id [B67109508] RNC_Id & "/" & NodeB_Id [B67109523] RNC_Id & "/" & NodeB_Id
BSC_ID	VARCHAR2(50)	Y	[B67109365] RNC_Id [B67109367] RNC_Id [B67109368] RNC_Id [B67109369] RNC_Id [B67109372] RNC_Id [B67109373] RNC_Id [B67109376] RNC_Id [B67109378] RNC_Id [B67109379] RNC_Id [B67109380] RNC_Id [B67109381] RNC_Id [B67109382] RNC_Id [B67109384] RNC_Id [B67109387] RNC_Id [B67109390] RNC_Id [B67109391] RNC_Id [B67109392] RNC_Id [B67109471] RNC_Id [B67109474] RNC_Id [B67109508] RNC_Id [B67109523] RNC_Id

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PCU_ID	VARCHAR2(50)	Y	
NSVC_ID	VARCHAR2(50)	Y	
LAC_ID	VARCHAR2(50)	Y	
ROUTING_AREA_ID	VARCHAR2(50)	Y	
MSC_ID	VARCHAR2(50)	Y	
SGSN_ID	VARCHAR2(50)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109365] Region_Id [B67109367] Region_Id [B67109368] Region_Id [B67109369] Region_Id [B67109372] Region_Id [B67109373] Region_Id [B67109376] Region_Id [B67109378] Region_Id [B67109379] Region_Id [B67109380] Region_Id [B67109381] Region_Id [B67109382] Region_Id [B67109384] Region_Id [B67109387] Region_Id [B67109390] Region_Id [B67109391] Region_Id [B67109392] Region_Id [B67109471] Region_Id [B67109474] Region_Id [B67109508] Region_Id [B67109523] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109365] Network_Id [B67109367] Network_Id [B67109368] Network_Id [B67109369] Network_Id [B67109372] Network_Id [B67109373] Network_Id [B67109376] Network_Id [B67109378] Network_Id

			[B67109379] Network_Id [B67109380] Network_Id [B67109381] Network_Id [B67109382] Network_Id [B67109384] Network_Id [B67109387] Network_Id [B67109390] Network_Id [B67109391] Network_Id [B67109392] Network_Id [B67109471] Network_Id [B67109474] Network_Id [B67109508] Network_Id [B67109523] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
CELL_NAME	VARCHAR2(255)		[B67109365] RNC_Id & "/" & Cell_Label [B67109367] RNC_Id & "/" & Cell_Label [B67109368] RNC_Id & "/" & Cell_Label [B67109369] RNC_Id & "/" & Cell_Label [B67109372] RNC_Id & "/" & Cell_Label [B67109373] RNC_Id & "/" & Cell_Label [B67109376] RNC_Id & "/" & Cell_Label [B67109378] RNC_Id & "/" & Cell_Label [B67109379] RNC_Id & "/" & Cell_Label [B67109380] RNC_Id & "/" & Cell_Label [B67109381] RNC_Id & "/" & Cell_Label [B67109382] RNC_Id & "/" & Cell_Label [B67109384] RNC_Id & "/" & Cell_Label [B67109387] RNC_Id & "/" & Cell_Label [B67109390] RNC_Id & "/" & Cell_Label [B67109391] RNC_Id & "/" & Cell_Label [B67109392] RNC_Id & "/" & Cell_Label [B67109471] RNC_Id & "/" & Cell_Label [B67109474] RNC_Id & "/" & Cell_Label [B67109508] RNC_Id & "/" & Cell_Label [B67109523] RNC_Id & "/" & Cell_Label
CELL_TYPE	VARCHAR2(50)		[B67109365] "UMTS Cell" [B67109367] "UMTS Cell" [B67109368] "UMTS Cell"

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			[B67109369] "UMTS Cell" [B67109372] "UMTS Cell" [B67109373] "UMTS Cell" [B67109376] "UMTS Cell" [B67109378] "UMTS Cell" [B67109379] "UMTS Cell" [B67109380] "UMTS Cell" [B67109381] "UMTS Cell" [B67109382] "UMTS Cell" [B67109384] "UMTS Cell" [B67109387] "UMTS Cell" [B67109390] "UMTS Cell" [B67109391] "UMTS Cell" [B67109392] "UMTS Cell" [B67109471] "UMTS Cell" [B67109474] "UMTS Cell" [B67109508] "UMTS Cell" [B67109523] "UMTS Cell"
CELL_DESCRIPTION	VARCHAR2(255)		
REGISTRATION_AREA_ID	VARCHAR2(50)		
MAX_POWER	FLOAT		
DEFINED_TRX	NUMBER		
DEFINED_TCH	NUMBER		
DEFINED_CCH	NUMBER		
SEGMENT_ID	VARCHAR2(50)		
CELL_VERSION	VARCHAR2(50)		[B67109365] "V900R011" [B67109367] "V900R011" [B67109368] "V900R011" [B67109369] "V900R011" [B67109372] "V900R011" [B67109373] "V900R011" [B67109376] "V900R011" [B67109378] "V900R011" [B67109379] "V900R011" [B67109380] "V900R011" [B67109381] "V900R011" [B67109382] "V900R011" [B67109384] "V900R011"

			[B67109387] "V900R011" [B67109390] "V900R011" [B67109391] "V900R011" [B67109392] "V900R011" [B67109471] "V900R011" [B67109474] "V900R011" [B67109508] "V900R011" [B67109523] "V900R011"
TECHNOLOGY	VARCHAR2(50)		[B67109365] "UMTS" [B67109367] "UMTS" [B67109368] "UMTS" [B67109369] "UMTS" [B67109372] "UMTS" [B67109373] "UMTS" [B67109376] "UMTS" [B67109378] "UMTS" [B67109379] "UMTS" [B67109380] "UMTS" [B67109381] "UMTS" [B67109382] "UMTS" [B67109384] "UMTS" [B67109387] "UMTS" [B67109390] "UMTS" [B67109391] "UMTS" [B67109392] "UMTS" [B67109471] "UMTS" [B67109474] "UMTS" [B67109508] "UMTS" [B67109523] "UMTS"

7.1.8 NC_CNOPERATOR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
CNOPERATOR_ID	VARCHAR2(50)		[B50331652] Operator_Id [B67109519] CNNAME & "/" & CNINDEX

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TIMESTAMP	DATE		
ENDSTAMP	DATE		
CNOPERATOR_NAME	VARCHAR2(255)		[B50331652] Operator_Id [B67109519] CNNAME & "/" & CNINDEX

7.1.9 NC_E1T1_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
E1T1_LINK_ID	VARCHAR2(50)		[B67109487] RNC_Id & "/" & Object_Id [B67109525] RNC_Id & "/" & Object_Id
BSC_ID	VARCHAR2(50)	Y	[B67109487] RNC_Id [B67109525] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109487] Region_Id [B67109525] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109487] Network_Id [B67109525] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
E1T1_LINK_NAME	VARCHAR2(255)		[B67109487] RNC_Id & "/" & Object_Id [B67109525] RNC_Id & "/" & Object_Id
TECHNOLOGY	VARCHAR2(255)		[B67109487] "UMTS" [B67109525] "UMTS"
VERSION	VARCHAR2(255)		[B67109487] "V900R011" [B67109525] "V900R011"

7.1.10 NC_ETH

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
ETH_ID	VARCHAR2(		[B67109488] RNC_Id & "/" & ETH_Id

	100)		[B67109514] RNC_Id & "/" & ETH_Id [B67109544] RNC_Id & "/" & ETH_Id
REGION_ID	VARCHAR2(50)	Y	[B67109488] Region_Id [B67109514] Region_Id [B67109544] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109488] Network_Id [B67109514] Network_Id [B67109544] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_ID	VARCHAR2(255)		[B67109488] RNC_Id [B67109514] RNC_Id [B67109544] RNC_Id
NODE_NAME	VARCHAR2(255)		[B67109488] RNC_Id [B67109514] RNC_Id [B67109544] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109488] "RNC" [B67109514] "RNC" [B67109544] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109488] "UMTS" [B67109514] "UMTS" [B67109544] "UMTS"
VERSION	VARCHAR2(255)		[B67109488] "V900R011" [B67109514] "V900R011" [B67109544] "V900R011"
ETH_NAME	VARCHAR2(255)		[B67109488] RNC_Id & "/" & ETH_Id [B67109514] RNC_Id & "/" & ETH_Id [B67109544] RNC_Id & "/" & ETH_Id

7.1.11 NC_FIBER_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
FIBER_LINK_ID	VARCHAR2(50)		[B67109489] RNC_Id & "/" & Object_Id [B67109496] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109489] Region_Id [B67109496] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109489] Network_Id [B67109496] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FIBER_LINK_NAME	VARCHAR2(255)		[B67109489] RNC_Id & "/" & Object_Id [B67109496] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(255)		[B67109489] RNC_Id [B67109496] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109489] "RNC" [B67109496] "RNC"
VERSION	VARCHAR2(255)		[B67109489] "V900R011" [B67109496] "V900R011"

7.1.12 NC_FLOWCONTROL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FLOWCONTROL_ID	VARCHAR2(50)		[B67109522] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109522] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109522] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FLOWCONTROL_NAME	VARCHAR2(255)		[B67109522] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(		[B67109522] RNC_Id

	255)		
NODE_TYPE	VARCHAR2(255)		[B67109522] "RNC"
VERSION	VARCHAR2(255)		[B67109522] "V900R011"

7.1.13 NC_FRAATM

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FRAATM_ID	VARCHAR2(50)		[B67109398] FRAATM_Id
REGION_ID	VARCHAR2(50)	Y	[B67109398] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109398] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FRAATM_NAME	VARCHAR2(255)		[B67109398] FRAATM_Id
TECHNOLOGY	VARCHAR2(255)		[B67109398] "UMTS"
VERSION	VARCHAR2(255)		[B67109398] "V900R011"

7.1.14 NC_FRAIMALNK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
FRAIMALNK_ID	VARCHAR2(50)		[B67109399] FRAIMALNK_Id
REGION_ID	VARCHAR2(50)	Y	[B67109399] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109399] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FRAIMALNK_NAME	VARCHAR2(255)		[B67109399] FRAIMALNK_Id
TECHNOLOGY	VARCHAR2(255)		[B67109399] "UMTS"
VERSION	VARCHAR2(255)		[B67109399] "V900R011"

7.1.15 NC_FRAME

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
FRAME_ID	VARCHAR2(50)		[B67109520] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109520] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109520] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
FRAME_NAME	VARCHAR2(255)		[B67109520] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(255)		[B67109520] RNC_Id
NODE_TYPE	VARCHAR2(		[B67109520] "RNC"

	255)		
TECHNOLOGY	VARCHAR2(255)		[B67109520] "UMTS"
VERSION	VARCHAR2(255)		[B67109520] "V900R011"

7.1.16 NC_GPRS_TUNNEL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
GTP_ID	VARCHAR2(50)		[B67109400] RNC_Id & "/" & Object_Id
SGSN_ID	VARCHAR2(50)	Y	
GGSN_ID	VARCHAR2(50)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109400] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109400] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
GTP_NAME	VARCHAR2(255)		[B67109400] RNC_Id & "/" & Object_Id
GTP_VERSION	VARCHAR2(50)		[B67109400] "V900R011"
GTP_PDP_CAPACITY	NUMBER		
GTP_ROLE	VARCHAR2(50)		

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GTP_STATUS	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[B67109400] "UMTS"

7.1.17 NC_IMA_GROUP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IMA_GROUP_ID	VARCHAR2(50)		[B67109402] RNC_ID & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109402] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109402] Network_Id
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	[B67109402] RNC_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IMA_GROUP_NAME	VARCHAR2(255)		[B67109402] RNC_ID & "/" & Object_Id
NODE_ID	VARCHAR2(50)		[B67109402] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109402] "RNC"
IMA_GROUP_TYPE	VARCHAR2(50)		
VERSION	VARCHAR2(50)		[B67109402] "V900R011"
TECHNOLOGY	VARCHAR2(50)		[B67109402] "UMTS"

7.1.18 NC_IMA_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IMA_LINK_ID	VARCHAR2(50)		[B67109403] RNC_ID & "/" & Object_Id
BS_ID	VARCHAR2(50)	Y	
BSC_ID	VARCHAR2(50)	Y	[B67109403] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109403] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109403] Network_Id
IMA_GROUP_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IMA_LINK_NAME	VARCHAR2(255)		[B67109403] RNC_ID & "/" & Object_Id
VERSION	VARCHAR2(50)		[B67109403] "V900R011"
TECHNOLOGY	VARCHAR2(50)		[B67109403] "UMTS"

7.1.19 NC_IPNODECONN

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

IPNODECONN_ID	VARCHAR2(50)		[B67109475] RNC_Id & "/" & IPNODECONN_Id [B67109481] RNC_Id & "/" & IPNODECONN_Id
REGION_ID	VARCHAR2(50)	Y	[B67109475] Region_Id [B67109481] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109475] Network_Id [B67109481] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPNODECONN_NAME	VARCHAR2(255)		[B67109475] RNC_Id & "/" & IPNODECONN_Id [B67109481] RNC_Id & "/" & IPNODECONN_Id
NODE_ID	VARCHAR2(255)		[B67109475] RNC_Id [B67109481] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109475] "RNC" [B67109481] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109475] RNC_Id [B67109481] RNC_Id
TECHNOLOGY	VARCHAR2(255)		[B67109475] "UMTS" [B67109481] "UMTS"
VERSION	VARCHAR2(255)		[B67109475] "V900R011" [B67109481] "V900R011"

7.1.20 NC_IPNODETRM

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IPNODETRM_ID	VARCHAR2(50)		[B67109476] RNC_Id & "/" & IPNODETRM_Id [B67109500] RNC_Id & "/" & IPNODETRM_Id
REGION_ID	VARCHAR2(50)	Y	[B67109476] Region_Id [B67109500] Region_Id

NETWORK_ID	VARCHAR2(50)	Y	[B67109476] Network_Id [B67109500] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPNODETRM_NAME	VARCHAR2(255)		[B67109476] RNC_Id & "/" & IPNODETRM_Id [B67109500] RNC_Id & "/" & IPNODETRM_Id
NODE_ID	VARCHAR2(255)		[B67109476] RNC_Id [B67109500] RNC_Id
NODE_NAME	VARCHAR2(255)		[B67109476] RNC_Id [B67109500] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109476] "RNC" [B67109500] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109476] "UMTS" [B67109500] "UMTS"
VERSION	VARCHAR2(255)		[B67109476] "V900R011" [B67109500] "V900R011"

7.1.21 NC_IPOA

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IPOA_ID	VARCHAR2(100)		[B67109457] RNC_Id & "/" & IPOA_Id
BSC_ID	VARCHAR2(50)	Y	[B67109457] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109457] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109457] Network_Id

TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPOA_NAME	VARCHAR2(255)		[B67109457] RNC_Id & "/" & IPOA_Id
TECHNOLOGY	VARCHAR2(255)		[B67109457] "UMTS"
VERSION	VARCHAR2(255)		[B67109457] "V900R011"

7.1.22 NC_IPOAPVC

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IPOAPVC_ID	VARCHAR2(100)		[B67109465] RNC_Id & "/" & IPOAPVC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109465] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109465] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPOAPVC_NAME	VARCHAR2(255)		[B67109465] RNC_Id & "/" & IPOAPVC_Id
NODE_NAME	VARCHAR2(255)		[B67109465] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109465] "RNC"
NODE_ID	VARCHAR2(255)		[B67109465] RNC_Id
TECHNOLOGY	VARCHAR2(255)		[B67109465] "UMTS"
VERSION	VARCHAR2(255)		[B67109465] "V900R011"

7.1.23 NC_IPPATH

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IPPATH_ID	VARCHAR2(100)		[B67109467] RNC_Id & "/" & IPPATH_Id [B67109495] RNC_Id & "/" & IPPATH_Id [B67109534] RNC_Id & "/" & IPPATH_Id [B67109539] RNC_Id & "/" & IPPATH_Id [B67109540] RNC_Id & "/" & IPPATH_Id
REGION_ID	VARCHAR2(50)	Y	[B67109467] Region_Id [B67109495] Region_Id [B67109534] Region_Id [B67109539] Region_Id [B67109540] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109467] Network_Id [B67109495] Network_Id [B67109534] Network_Id [B67109539] Network_Id [B67109540] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPPATH_NAME	VARCHAR2(255)		[B67109467] RNC_Id & "/" & IPPATH_Id [B67109495] RNC_Id & "/" & IPPATH_Id [B67109534] RNC_Id & "/" & IPPATH_Id [B67109539] RNC_Id & "/" & IPPATH_Id [B67109540] RNC_Id & "/" & IPPATH_Id
NODE_ID	VARCHAR2(255)		[B67109467] RNC_Id [B67109495] RNC_Id [B67109534] RNC_Id [B67109539] RNC_Id [B67109540] RNC_Id
NODE_NAME	VARCHAR2(255)		[B67109467] RNC_Id [B67109495] RNC_Id

			[B67109534] RNC_Id [B67109539] RNC_Id [B67109540] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109467] "RNC" [B67109495] "RNC" [B67109534] "RNC" [B67109539] "RNC" [B67109540] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109467] "UMTS" [B67109495] "UMTS" [B67109534] "UMTS" [B67109539] "UMTS" [B67109540] "UMTS"
VERSION	VARCHAR2(255)		[B67109467] "V900R011" [B67109495] "V900R011" [B67109534] "V900R011" [B67109539] "V900R011" [B67109540] "V900R011"

7.1.24 NC_IPPATHPING

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IPPATHPING_ID	VARCHAR2(50)		[B67109470] RNC_Id & "/" & IPPATHPING_Id
REGION_ID	VARCHAR2(50)	Y	[B67109470] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109470] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
IPPATHPING_NAME	VARCHAR2(255)		[B67109470] RNC_Id & "/" & IPPATHPING_Id
NODE_ID	VARCHAR2(255)		[B67109470] RNC_Id
NODE_NAME	VARCHAR2(		[B67109470] RNC_Id

	255)		
NODE_TYPE	VARCHAR2(255)		[B67109470] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109470] "UMTS"
VERSION	VARCHAR2(255)		[B67109470] "V900R011"

7.1.25 NC_IU

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IU_ID	VARCHAR2(50)		[B67109405] (RNC_Id & "/" & Object_Id) [B67109406] (RNC_Id & "/" & Object_Id) [B67109407] (RNC_Id & "/" & Object_Id) [B67109526] (RNC_Id & "/" & Object_Id) [B67109535] (RNC_Id & "/" & Object_Id)
BSC_ID	VARCHAR2(50)	Y	[B67109405] RNC_Id [B67109406] RNC_Id [B67109407] RNC_Id [B67109526] RNC_Id [B67109535] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109405] Region_Id [B67109406] Region_Id [B67109407] Region_Id [B67109526] Region_Id [B67109535] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109405] Network_Id [B67109406] Network_Id [B67109407] Network_Id [B67109526] Network_Id [B67109535] Network_Id
TIMESTAMP	DATE		

ENDSTAMP	DATE		
BS_ID	VARCHAR2(50)		
NODE_ID	VARCHAR2(50)		
IU_NAME	VARCHAR2(255)		[B67109405] (RNC_Id & "/" & Object_Id) [B67109406] (RNC_Id & "/" & Object_Id) [B67109407] (RNC_Id & "/" & Object_Id) [B67109526] (RNC_Id & "/" & Object_Id) [B67109535] (RNC_Id & "/" & Object_Id)
VERSION	VARCHAR2(50)		[B67109405] "V900R011" [B67109406] "V900R011" [B67109407] "V900R011" [B67109526] "V900R011" [B67109535] "V900R011"
NODE_NAME	VARCHAR2(255)		
NODE_TYPE	VARCHAR2(50)		[B67109405] "RNC" [B67109406] "RNC" [B67109407] "RNC" [B67109526] "RNC" [B67109535] "RNC"
TECHNOLOGY	VARCHAR2(50)		[B67109405] "UMTS" [B67109406] "UMTS" [B67109407] "UMTS" [B67109526] "UMTS" [B67109535] "UMTS"

7.1.26 NC_IUR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
IUR_ID	VARCHAR2(50)		[B67109410] (RNC_Id & "/" & Object_Id) [B67109411] (RNC_Id & "/" & Object_Id) [B67109412] (RNC_Id & "/" & Object_Id) [B67109536] (RNC_Id & "/" & Object_Id)
BSC_ID	VARCHAR2(	Y	[B67109410] RNC_Id

	50)		[B67109411] RNC_Id [B67109412] RNC_Id [B67109536] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109410] Region_Id [B67109411] Region_Id [B67109412] Region_Id [B67109536] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109410] Network_Id [B67109411] Network_Id [B67109412] Network_Id [B67109536] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VERSION	VARCHAR2(50)		[B67109410] "V900R011" [B67109411] "V900R011" [B67109412] "V900R011" [B67109536] "V900R011"
IUR_NAME	VARCHAR2(255)		[B67109410] (RNC_Id & "/" & Object_Id) [B67109411] (RNC_Id & "/" & Object_Id) [B67109412] (RNC_Id & "/" & Object_Id) [B67109536] (RNC_Id & "/" & Object_Id)
RNC_TARGET_ID	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[B67109410] "UMTS" [B67109411] "UMTS" [B67109412] "UMTS" [B67109536] "UMTS"

7.1.27 NC_LOCAL_CELL

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

LOCAL_CELL_ID	VARCHAR2(50)		[B50331648] NodeB_Id & "/" & Local_Cell_Id [B50331650] NodeB_Id & "/" & Local_Cell_Id [B50331651] NodeB_Id & "/" & Local_Cell_Id
BS_ID	VARCHAR2(50)	Y	[B50331648] RNC_Id & "/" & NodeB_Id [B50331650] RNC_Id & "/" & NodeB_Id [B50331651] RNC_Id & "/" & NodeB_Id
NETWORK_ID	VARCHAR2(50)	Y	[B50331648] Network_Id [B50331650] Network_Id [B50331651] Network_Id
REGION_ID	VARCHAR2(50)	Y	[B50331648] Region_Id [B50331650] Region_Id [B50331651] Region_Id
BSC_ID	VARCHAR2(50)	Y	[B50331648] RNC_Id [B50331650] RNC_Id [B50331651] RNC_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
LOCAL_CELL_NAME	VARCHAR2(255)		[B50331648] NodeB_Id & "/" & Local_Cell_Id [B50331650] NodeB_Id & "/" & Local_Cell_Id [B50331651] NodeB_Id & "/" & Local_Cell_Id
TECHNOLOGY	VARCHAR2(50)		[B50331648] "UMTS" [B50331650] "UMTS" [B50331651] "UMTS"
VERSION	VARCHAR2(50)		[B50331648] "V900R011" [B50331650] "V900R011" [B50331651] "V900R011"

7.1.28 NC_LOGIC_PORT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		

LOGIC_PORT_ID	VARCHAR2(100)		[B67109524] RNC_Id & "/" & Object_Id [B67109541] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109524] Region_Id [B67109541] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109524] Network_Id [B67109541] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
LOGIC_PORT_NAME	VARCHAR2(255)		[B67109524] RNC_Id & "/" & Object_Id [B67109541] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(255)		[B67109524] RNC_Id [B67109541] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109524] "RNC" [B67109541] "RNC"
VERSION	VARCHAR2(255)		[B67109524] "V900R011" [B67109541] "V900R011"

7.1.29 NC_M3UA_DEST

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
M3UA_DEST_ID	VARCHAR2(100)		[B67109484] RNC_Id & "/" & M3UA_Point_Id
NODE_ID	VARCHAR2(50)	Y	[B67109484] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109484] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109484] Network_Id
BSC_ID	VARCHAR2(	Y	

	50)		
MSC_ID	VARCHAR2(50)	Y	
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109484] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
M3UA_DEST_NAME	VARCHAR2(255)		[B67109484] RNC_Id & "/" & M3UA_Point_Id
NODE_TYPE	VARCHAR2(255)		[B67109484] "RNC"

7.1.30 NC_M3UA_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
M3UA_LINK_ID	VARCHAR2(100)		[B67109482] RNC_Id & "/" & M3UA_Link_Id
REGION_ID	VARCHAR2(50)	Y	[B67109482] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109482] Network_Id
M3UA_LINKSET_ID	VARCHAR2(100)	Y	
NODE_ID	VARCHAR2(50)	Y	[B67109482] RNC_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
M3UA_LINK_NAME	VARCHAR2(		[B67109482] RNC_Id & "/" &

	255)		M3UA_Link_Id
NODE_TYPE	VARCHAR2(255)		[B67109482] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109482] RNC_Id
LINK_NUMBER	VARCHAR2(255)		
MODULE_NUMBER	VARCHAR2(255)		
TECHNOLOGY	VARCHAR2(255)		[B67109482] "UMTS"
M3UA_DEST_ID	VARCHAR2(100)		

7.1.31 NC_M3UA_LINKSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
M3UA_LINKSET_ID	VARCHAR2(100)		[B67109483] RNC_Id & "/" & M3UA_LinkSet_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109483] Network_Id
NODE_ID	VARCHAR2(255)	Y	[B67109483] RNC_Id
M3UA_DEST_ID	VARCHAR2(100)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109483] Region_Id
BSC_ID	VARCHAR2(50)	Y	

MSC_ID	VARCHAR2(50)	Y	
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109483] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		
M3UA_LINKSET_NAME	VARCHAR2(255)		[B67109483] RNC_Id & "/" & M3UA_LinkSet_Id
NODE_TYPE	VARCHAR2(255)		[B67109483] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109483] RNC_Id
TECHNOLOGY	VARCHAR2(255)		[B67109483] "UMTS"

7.1.32 NC_MLPPP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MLPPP_ID	VARCHAR2(100)		[B67109490] RNC_Id & "/" & MLPPP_Id [B67109512] RNC_Id & "/" & MLPPP_Id [B67109542] RNC_Id & "/" & MLPPP_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109490] Network_Id [B67109512] Network_Id [B67109542] Network_Id
REGION_ID	VARCHAR2(50)	Y	[B67109490] Region_Id [B67109512] Region_Id [B67109542] Region_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		

TECHNOLOGY	VARCHAR2(255)		[B67109490] "UMTS" [B67109512] "UMTS" [B67109542] "UMTS"
VERSION	VARCHAR2(255)		[B67109490] "V900R011" [B67109512] "V900R011" [B67109542] "V900R011"
MLPPP_NAME	VARCHAR2(255)		[B67109490] RNC_Id & "/" & MLPPP_Id [B67109512] RNC_Id & "/" & MLPPP_Id [B67109542] RNC_Id & "/" & MLPPP_Id

7.1.33 NC_MTP3_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3_LINK_ID	VARCHAR2(100)		[B67109551] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(50)	Y	[B67109551] RNC_Id
MTP3_LINKPOINT_ID	VARCHAR2(100)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109551] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109551] Network_Id
MTP3_LINKSET_ID	VARCHAR2(100)	Y	[B67109551] RNC_Id & "/" & MTP3LinkSet_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3_LINK_NAME	VARCHAR2(255)		[B67109551] RNC_Id & "/" & Object_Id
NODE_TYPE	VARCHAR2(		[B67109551] "RNC"

	255)		
NODE_NAME	VARCHAR2(255)		[B67109551] RNC_Id
LINK_NUMBER	VARCHAR2(255)		
MODULE_NUMBER	VARCHAR2(255)		
TECHNOLOGY	VARCHAR2(255)		[B67109551] "UMTS"

7.1.34 NC_MTP3_LINKPOINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3_LINKPOINT_ID	VARCHAR2(100)		[B67109550] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(50)	Y	[B67109550] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109550] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109550] Network_Id
BSC_ID	VARCHAR2(50)	Y	
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109550] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
MSC_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		

ENDSTAMP	DATE		
MTP3_LINKPOINT_NAME	VARCHAR2(255)		[B67109550] RNC_Id & "/" & Object_Id
NODE_TYPE	VARCHAR2(255)		[B67109550] "RNC"

7.1.35 NC_MTP3_LINKSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3_LINKSET_ID	VARCHAR2(100)		[B67109552] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(50)	Y	[B67109552] RNC_Id
MTP3_LINKPOINT_ID	VARCHAR2(100)	Y	
REGION_ID	VARCHAR2(50)	Y	[B67109552] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109552] Network_Id
BSC_ID	VARCHAR2(50)	Y	
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109552] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
MSC_ID	VARCHAR2(50)	Y	

TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3_LINKSET_NAME	VARCHAR2(255)		[B67109552] RNC_Id & "/" & Object_Id
NODE_TYPE	VARCHAR2(255)		[B67109552] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109552] RNC_Id
TECHNOLOGY	VARCHAR2(255)		[B67109552] "UMTS"

7.1.36 NC_MTP3B_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3B_LINK_ID	VARCHAR2(100)		[B67109416] RNC_ID & "/" & Object_Id
MTP3B_LINKPOINT	VARCHAR2(100)	Y	[B67109416] SS7_Point_Id
NODE_ID	VARCHAR2(50)	Y	[B67109416] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109416] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109416] Network_Id
MTP3B_LINKSET_ID	VARCHAR2(100)	Y	[B67109416] SS7_LinkSet_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3B_LINK_NAME	VARCHAR2(255)		[B67109416] RNC_ID & "/" & Object_Id
NODE_TYPE	VARCHAR2(255)		[B67109416] "RNC"

NODE_NAME	VARCHAR2(255)		[B67109416] RNC_Id
LINK_NUMBER	VARCHAR2(255)		
MODULE_NUMBER	VARCHAR2(255)		
TECHNOLOGY	VARCHAR2(255)		[B67109416] "UMTS"

7.1.37 NC_MTP3B_LINKSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3B_LINKSET_ID	VARCHAR2(100)		[B67109417] RNC_ID & "/" & Object_Id
MTP3B_LINKPOINT_ID	VARCHAR2(100)	Y	[B67109417] SS7_Point_Id
NODE_ID	VARCHAR2(50)	Y	[B67109417] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109417] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109417] Network_Id
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109417] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
MSC_ID	VARCHAR2(50)	Y	

TIMESTAMP	DATE		
ENDSTAMP	DATE		
MTP3B_LINKSET_NAME	VARCHAR2(255)		[B67109417] RNC_ID & "/" & Object_Id
NODE_TYPE	VARCHAR2(255)		[B67109417] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109417] RNC_Id
TECHNOLOGY	VARCHAR2(255)		[B67109417] "UMTS"

7.1.38 NC_MTP3B_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
MTP3B_POINT_ID	VARCHAR2(100)		[B67109415] RNC_ID & "/" & Object_Id
NODE_ID	VARCHAR2(50)	Y	[B67109415] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109415] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109415] Network_Id
MGW_ID	VARCHAR2(50)	Y	
RNC_ID	VARCHAR2(50)	Y	[B67109415] RNC_Id
SGSN_ID	VARCHAR2(50)	Y	
MSC_ID	VARCHAR2(50)	Y	
TIMESTAMP	DATE		
ENDSTAMP	DATE		

MTP3B_POINT_NAME	VARCHAR2(255)		[B67109415] RNC_ID & "/" & Object_Id
NODE_TYPE	VARCHAR2(255)		[B67109415] "RNC"

7.1.39 NC_NEIGHBOUR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NEIGHBOUR_ID	VARCHAR2(50)		[B67109394] (RNC_Id & "/" & Cell_Id & "/" & MCC_Id & "/" & MNC_Id) [B67109395] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id) [B67109395_V900] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id)
SOURCE_CELL_ID	VARCHAR2(50)	Y	[B67109394] RNC_Id & "/" & Cell_Id [B67109395] RNC_Id & "/" & Cell_Id [B67109395_V900] RNC_Id & "/" & Cell_Id
TARGET_CELL_ID	VARCHAR2(50)	Y	[B67109395] Dest_RNC_Id & "/" & Dest_Cell_Id [B67109395_V900] Dest_RNC_Id & "/" & Dest_Cell_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NEIGHBOUR_NAME	VARCHAR2(255)		[B67109394] (RNC_Id & "/" & Cell_Id & "/" & MCC_Id & "/" & MNC_Id) [B67109395] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id) [B67109395_V900] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id)

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SOURCE_CELL_TYPE	VARCHAR2(50)		
TARGET_CELL_TYPE	VARCHAR2(50)		
SOURCE_CELL_VERSION	VARCHAR2(50)		[B67109394] "V900R011" [B67109395] "V900R011" [B67109395_V900] "V900R011"
TARGET_CELL_VERSION	VARCHAR2(50)		[B67109394] "V900R011"
SOURCE_CELL_VENDOR	VARCHAR2(50)		[B67109394] "Huawei" [B67109395] "Huawei" [B67109395_V900] "Huawei"
TARGET_CELL_VENDOR	VARCHAR2(50)		
SOURCE_CELL_TECHNOLOGY	VARCHAR2(50)		[B67109394] "UMTS" [B67109395] "UMTS" [B67109395_V900] "UMTS"
TARGET_CELL_TECHNOLOGY	VARCHAR2(50)		
TARGET_CELL_POSITION	NUMBER		

7.1.40 NC_NETWORK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
NETWORK_ID	VARCHAR2(50)		[B67109420] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NETWORK_TYPE	VARCHAR2(50)		[B67109420] "UMTS"
DEFAULT_LINK_SPEED	FLOAT		
NETWORK_NAME	VARCHAR2(255)		[B67109420] Network_Id

7.1.41 NC_OAM_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
OAM_LINK_ID	VARCHAR2(50)		[B67109521] RNC_Id & "/" & Object_Id [B67109538] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109521] Region_Id [B67109538] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109521] Network_Id [B67109538] Network_Id
VENDOR	VARCHAR2(50)	Y	[B67109521] "Huawei"
TIMESTAMP	DATE		
ENDSTAMP	DATE		
OAM_LINK_NAME	VARCHAR2(255)		[B67109521] RNC_Id & "/" & Object_Id [B67109538] RNC_Id & "/" & Object_Id
NODE_ID	VARCHAR2(255)		[B67109521] RNC_Id [B67109538] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109521] "RNC" [B67109538] "RNC"

7.1.42 NC_PPP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
PPP_ID	VARCHAR2(100)		[B67109491] PPP_Id [B67109511] PPP_Id [B67109543] PPP_Id

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NETWORK_ID	VARCHAR2(50)	Y	[B67109491] Network_Id [B67109511] Network_Id [B67109543] Network_Id
REGION_ID	VARCHAR2(50)	Y	[B67109491] Region_Id [B67109511] Region_Id [B67109543] Region_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
TECHNOLOGY	VARCHAR2(255)		[B67109491] "UMTS" [B67109511] "UMTS" [B67109543] "UMTS"
VERSION	VARCHAR2(255)		[B67109491] "V900R011" [B67109511] "V900R011" [B67109543] "V900R011"
PPP_NAME	VARCHAR2(255)		[B67109491] PPP_Name [B67109511] PPP_Name [B67109543] PPP_Name

7.1.43 NC_PROCESSOR

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
PROCESSOR_ID	VARCHAR2(50)		[B67109397] (RNC_Id & "/" & Object_Id) [B67109401] (RNC_Id & "/" & Object_Id) [B67109404] (RNC_Id & "/" & Object_Id) [B67109418] (RNC_Id & "/" & Object_Id) [B67109453] (RNC_Id & "/" & Object_Id) [B67109453_V200] (RNC_Id & "/" & Object_Id) [B67109461] (RNC_Id & "/" & Object_Id) [B67109462] (RNC_Id & "/" & Object_Id) [B67109463] (RNC_Id & "/" & Object_Id) [B67109492] (RNC_Id & "/" & Object_Id) [B67109493] (RNC_Id & "/" & Object_Id) [B67109494] (RNC_Id & "/" & Object_Id) [B67109497] (RNC_Id & "/" & Object_Id) [B67109515] (RNC_Id & "/" & Object_Id) [B67109516] (RNC_Id & "/" & Object_Id)

			[B67109537] (RNC_Id & "/" & Object_Id)
NODE_ID	VARCHAR2(50)	Y	[B67109397] RNC_Id [B67109401] RNC_Id [B67109404] RNC_Id [B67109418] RNC_Id [B67109453] RNC_Id [B67109453_V200] RNC_Id [B67109461] RNC_Id [B67109462] RNC_Id [B67109463] RNC_Id [B67109492] RNC_Id [B67109493] RNC_Id [B67109494] RNC_Id [B67109497] RNC_Id [B67109515] RNC_Id [B67109516] RNC_Id [B67109537] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109397] Region_Id [B67109401] Region_Id [B67109404] Region_Id [B67109418] Region_Id [B67109453] Region_Id [B67109453_V200] Region_Id [B67109461] Region_Id [B67109462] Region_Id [B67109463] Region_Id [B67109492] Region_Id [B67109493] Region_Id [B67109494] Region_Id [B67109497] Region_Id [B67109515] Region_Id [B67109516] Region_Id [B67109537] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109397] Network_Id [B67109401] Network_Id [B67109404] Network_Id [B67109418] Network_Id [B67109453] Network_Id [B67109453_V200] Network_Id [B67109461] Network_Id

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			[B67109462] Network_Id [B67109463] Network_Id [B67109492] Network_Id [B67109493] Network_Id [B67109494] Network_Id [B67109497] Network_Id [B67109515] Network_Id [B67109516] Network_Id [B67109537] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[B67109397] RNC_Id [B67109401] RNC_Id [B67109404] RNC_Id [B67109418] RNC_Id [B67109453] RNC_Id [B67109453_V200] RNC_Id [B67109461] RNC_Id [B67109462] RNC_Id [B67109463] RNC_Id [B67109492] RNC_Id [B67109493] RNC_Id [B67109494] RNC_Id [B67109497] RNC_Id [B67109515] RNC_Id [B67109516] RNC_Id [B67109537] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109397] "RNC" [B67109401] "RNC" [B67109404] "RNC" [B67109418] "RNC" [B67109453] "RNC" [B67109453_V200] "RNC" [B67109461] "RNC" [B67109462] "RNC" [B67109463] "RNC" [B67109492] "RNC" [B67109493] "RNC" [B67109494] "RNC" [B67109497] "RNC" [B67109515] "RNC" [B67109516] "RNC" [B67109537] "RNC"

PROCESSOR_NAME	VARCHAR2(255)		[B67109397] (RNC_Id & "/" & Object_Id) [B67109401] (RNC_Id & "/" & Object_Id) [B67109404] (RNC_Id & "/" & Object_Id) [B67109418] (RNC_Id & "/" & Object_Id) [B67109453] (RNC_Id & "/" & Object_Id) [B67109453_V200] (RNC_Id & "/" & Object_Id) [B67109461] (RNC_Id & "/" & Object_Id) [B67109462] (RNC_Id & "/" & Object_Id) [B67109463] (RNC_Id & "/" & Object_Id) [B67109492] (RNC_Id & "/" & Object_Id) [B67109493] (RNC_Id & "/" & Object_Id) [B67109494] (RNC_Id & "/" & Object_Id) [B67109497] (RNC_Id & "/" & Object_Id) [B67109515] (RNC_Id & "/" & Object_Id) [B67109516] (RNC_Id & "/" & Object_Id) [B67109537] (RNC_Id & "/" & Object_Id)
PROCESSOR_TYPE	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[B67109397] "UMTS" [B67109401] "UMTS" [B67109404] "UMTS" [B67109418] "UMTS" [B67109453] "UMTS" [B67109453_V200] "UMTS" [B67109461] "UMTS" [B67109462] "UMTS" [B67109463] "UMTS" [B67109492] "UMTS" [B67109493] "UMTS" [B67109494] "UMTS" [B67109497] "UMTS" [B67109515] "UMTS" [B67109516] "UMTS" [B67109537] "UMTS"
PROCESSOR_VERSION	VARCHAR2(50)		[B67109397] "V900R011" [B67109401] "V900R011" [B67109404] "V900R011" [B67109418] "V900R011" [B67109453] "V900R011"

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			[B67109453_V200] "V900R011" [B67109461] "V900R011" [B67109462] "V900R011" [B67109463] "V900R011" [B67109492] "V900R011" [B67109493] "V900R011" [B67109494] "V900R011" [B67109497] "V900R011" [B67109515] "V900R011" [B67109516] "V900R011" [B67109537] "V900R011"

7.1.44 NC_QOSQUEUE

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
QOSQUEUE_ID	VARCHAR2(50)		[B67109513] QosQueue_Id
REGION_ID	VARCHAR2(50)	Y	[B67109513] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109513] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
TECHNOLOGY	VARCHAR2(255)		[B67109513] "UMTS"
VERSION	VARCHAR2(255)		[B67109513] "V900R011"
QOSQUEUE_NAME	VARCHAR2(255)		[B67109513] QosQueue_Name

7.1.45 NC_REGION

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
REGION_ID	VARCHAR2(50)		[B67109420] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109420] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
REGION_NAME	VARCHAR2(255)		[B67109420] Region_Id

7.1.46 NC_SAAL_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SAAL_LINK_ID	VARCHAR2(50)		[B67109451] RNC_ID & "/" & Object_Id [B67109458] RNC_ID & "/" & Object_Id [B67109517] RNC_ID & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109451] Region_Id [B67109458] Region_Id [B67109517] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109451] Network_Id [B67109458] Network_Id [B67109517] Network_Id
NODE_ID	VARCHAR2(50)	Y	[B67109451] RNC_Id [B67109458] RNC_Id [B67109517] RNC_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SAAL_LINK_NAME	VARCHAR2(255)		[B67109451] RNC_ID & "/" & Object_Id [B67109458] RNC_ID & "/" & Object_Id [B67109517] RNC_ID & "/" & Object_Id

NODE_TYPE	VARCHAR2(50)		[B67109451] "RNC" [B67109458] "RNC" [B67109517] "RNC"
NODE_NAME	VARCHAR2(255)		[B67109451] RNC_Id [B67109458] RNC_Id [B67109517] RNC_Id
LINK_NUMBER	VARCHAR2(50)		
MODULE_NUMBER	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[B67109451] "UMTS" [B67109458] "UMTS" [B67109517] "UMTS"
MSC_ID	VARCHAR2(50)		

7.1.47 NC_SCCP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SCCP_ID	VARCHAR2(50)		[B67109452] RNC_Id & "/" & Object_Id
BSC_ID	VARCHAR2(50)	Y	[B67109452] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109452] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109452] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SCCP_NAME	VARCHAR2(255)		[B67109452] RNC_Id & "/" & Object_Id
TECHNOLOGY	VARCHAR2(50)		[B67109452] "UMTS"

VERSION	VARCHAR2(50)		[B67109452] "V900R011"

7.1.48 NC_SCTPIP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SCTPIP_ID	VARCHAR2(50)		[B67109469] SCTPIP_Id
REGION_ID	VARCHAR2(50)	Y	[B67109469] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109469] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SCTPIP_NAME	VARCHAR2(255)		[B67109469] SCTPIP_Id
TECHNOLOGY	VARCHAR2(255)		[B67109469] "UMTS"
SCTPIP_VERSION	VARCHAR2(255)		[B67109469] "V900R011"

7.1.49 NC_SCTPLNK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SCTPLNK_ID	VARCHAR2(100)		[B67109468] SCTPLNK_Id [B67109485] SCTPLNK_Id

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REGION_ID	VARCHAR2(50)	Y	[B67109468] Region_Id [B67109485] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109468] Network_Id [B67109485] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
SCTPLNK_NAME	VARCHAR2(255)		[B67109468] SCTPLNK_Id [B67109485] SCTPLNK_Id
TECHNOLOGY	VARCHAR2(255)		[B67109468] "UMTS" [B67109485] "UMTS"
VERSION	VARCHAR2(255)		[B67109468] "V900R011" [B67109485] "V900R011"

7.1.50 NC_SS7_LINK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SS7_LINK_ID	VARCHAR2(50)		[B67109403] (RNC_Id & "/" & Object_Id) [B67109416] (RNC_Id & "/" & Object_Id) [B67109451] (RNC_Id & "/" & Object_Id) [B67109458] (RNC_Id & "/" & Object_Id)
SS7_LINKSET_ID	VARCHAR2(50)	Y	[B67109403] (RNC_Id & "/" & SS7_Point_Id & "/" & SS7_LinkSet_Id) [B67109416] (RNC_Id & "/" & SS7_Point_Id & "/" & SS7_LinkSet_Id) [B67109451] (RNC_Id & "/" & SS7_Point_Id & "/" & SS7_LinkSet_Id) [B67109458] (RNC_Id & "/" & SS7_Point_Id & "/" & SS7_LinkSet_Id)
SS7_POINT_ID	VARCHAR2(50)	Y	
NODE_ID	VARCHAR2(50)	Y	[B67109403] RNC_Id [B67109416] RNC_Id [B67109451] RNC_Id [B67109458] RNC_Id
REGION_ID	VARCHAR2(	Y	[B67109403] (Region_Id)

	50)		[B67109416] (Region_Id) [B67109451] (Region_Id) [B67109458] (Region_Id)
NETWORK_ID	VARCHAR2(50)	Y	[B67109403] (Network_Id) [B67109416] (Network_Id) [B67109451] (Network_Id) [B67109458] (Network_Id)
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[B67109403] RNC_Id [B67109416] RNC_Id [B67109451] RNC_Id [B67109458] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109403] "RNC" [B67109416] "RNC" [B67109451] "RNC" [B67109458] "RNC"
ADJACENT_NODE_ID	VARCHAR2(50)		
DATA_RATE	FLOAT		
SS7_LINK_NAME	VARCHAR2(255)		[B67109403] (RNC_Id & "/" & Object_Id) [B67109416] (RNC_Id & "/" & Object_Id) [B67109451] (RNC_Id & "/" & Object_Id) [B67109458] (RNC_Id & "/" & Object_Id)
TECHNOLOGY	VARCHAR2(50)		[B67109403] "UMTS" [B67109416] "UMTS" [B67109451] "UMTS" [B67109458] "UMTS"

7.1.51 NC_SS7_LINKSET

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping

NC_ID	NUMBER		
SS7_LINKSET_ID	VARCHAR2(50)		[B67109402] (RNC_Id & "/" & Object_Id) [B67109417] (RNC_Id & "/" & Object_Id)
SS7_POINT_ID	VARCHAR2(50)	Y	
NODE_ID	VARCHAR2(50)	Y	[B67109402] RNC_Id [B67109417] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109402] (Region_Id) [B67109417] (Region_Id)
NETWORK_ID	VARCHAR2(50)	Y	[B67109402] Network_Id [B67109417] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[B67109402] RNC_Id [B67109417] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109402] "RNC" [B67109417] "RNC"
ADJACENT_NODE_ID	VARCHAR2(50)		
DATA_RATE	FLOAT		
DESIGNED_LINK_FAILURES	NUMBER		
SS7_LINKSET_NAME	VARCHAR2(255)		[B67109402] (RNC_Id & "/" & Object_Id) [B67109417] (RNC_Id & "/" & Object_Id)
TECHNOLOGY	VARCHAR2(50)		[B67109402] "UMTS" [B67109417] "UMTS"

7.1.52 NC_SS7_POINT

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
SS7_POINT_ID	VARCHAR2(50)		[B67109415] RNC_Id & "/" & Object_Id

NODE_ID	VARCHAR2(50)	Y	[B67109415] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109415] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109415] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
NODE_NAME	VARCHAR2(255)		[B67109415] RNC_Id
NODE_TYPE	VARCHAR2(50)		[B67109415] "RNC"
SS7_POINT_NAME	VARCHAR2(255)		[B67109415] RNC_Id & "/" & Object_Id
ADJACENT_NODE_ID	VARCHAR2(50)		
TECHNOLOGY	VARCHAR2(50)		[B67109415] "UMTS"

7.1.53 NC_UDSP

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
UDSP_ID	VARCHAR2(255)		[B67109546] RNC_Id & "/" & Object_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109546] Network_Id
REGION_ID	VARCHAR2(50)	Y	[B67109546] Region_Id
TIMESTAMP	DATE		

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ENDSTAMP	DATE		
UDSP_NAME	VARCHAR2(255)		[B67109546] RNC_Id & "/" & Object_Id
TECHNOLOGY	VARCHAR2(255)		[B67109546] "UMTS"
VERSION	VARCHAR2(255)		[B67109546] "V900R011"

7.1.54 NC_UNILNK

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
UNILNK_ID	VARCHAR2(50)		[B67109456] UNILNK_Id
REGION_ID	VARCHAR2(50)	Y	[B67109456] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109456] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
UNILNK_NAME	VARCHAR2(255)		[B67109456] UNILNK_Name
TECHNOLOGY	VARCHAR2(255)		[B67109456] "UMTS"
VERSION	VARCHAR2(255)		[B67109456] "V900R011"

7.1.55 NC_UOI_BOARD

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
UOI_BOARD_ID	VARCHAR2(		[B67109549_V200] RNC_Id &"/" &

	50)		Object_Id
BSC_ID	VARCHAR2(50)	Y	[B67109549_V200] RNC_Id
REGION_ID	VARCHAR2(50)	Y	[B67109549_V200] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109549_V200] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
UOI_BOARD_NAME	VARCHAR2(255)		[B67109549_V200] RNC_Id &"/" & Object_Id
VERSION	VARCHAR2(255)		[B67109549_V200] "V900R011"
TECHNOLOGY	VARCHAR2(255)		[B67109549_V200] "UMTS"

7.1.56 NC_VC_ACROSS

Column Name	Data Type	Time-Tracked?	Loader Block/Mapping
NC_ID	NUMBER		
VC_CROSS_ID	VARCHAR2(50)		[B67109498] RNC_Id & "/" & Object_Id
REGION_ID	VARCHAR2(50)	Y	[B67109498] Region_Id
NETWORK_ID	VARCHAR2(50)	Y	[B67109498] Network_Id
TIMESTAMP	DATE		
ENDSTAMP	DATE		
VC_CROSS_NAME	VARCHAR2(		[B67109498] RNC_Id & "/" & Object_Id

	255)		
NODE_ID	VARCHAR2(255)		[B67109498] RNC_Id
NODE_TYPE	VARCHAR2(255)		[B67109498] "RNC"
TECHNOLOGY	VARCHAR2(255)		[B67109498] "UMTS"

7.2 Raw Performance Tables

This section lists the performance tables that are included in this technology pack module's database schema, grouped by the network object to which they relate, as follows:

- AAL2PATH
- ATM_Logic_Port
- ATM_Node
- ATM_Port
- Cell
- E1T1_Link
- ETH
- FIBER_Link
- FlowControl
- FRAATM
- FRAIMALNK
- FRAME
- GPRS_Tunnel
- IMA_Group
- IMA_Link
- IPNODECONN
- IPNODETRM
- IPOA
- IPOAPVC
- IPPATH
- IPPATHPING
- Iu
- Iur
- Local_Cell
- Logic_Port
- M3UA_Dest
- M3UA_Link
- M3UA_LinkSet
- MLPPP
- MTP3_Link
- MTP3_LinkPoint

- MTP3_LinkSet
- MTP3B_Link
- MTP3B_LinkSet
- MTP3B_Point
- Neighbour
- NodeB
- OAM_Link
- PPP
- Processor
- QosQueue
- RNC
- SAAL_Link
- SCCP
- SCTPIP
- SCTPLNK
- Signalling_Link
- Signalling_LinkSet
- Signalling_Point
- UDSP
- UNILNK
- UOI_Board
- VC_ACROSS

7.3 Raw AAL2PATH Tables

7.3.1 HUA_AAL2PATH_AAL2PPVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATH_ID		VARCHAR2(100)	[B67109477] RNC_Id & "/" & AAL2PATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGMTIYY2AHDHA0035XKCUC6	VS_AAL2PATHPVC_PEAK_RXCELLS	FLOAT	[B67109477] C67192156
UB2WGMVIYY2AHDHA0035XKCUC6	VS_AAL2PATHPVC_PEAK_TXCELLS	FLOAT	[B67109477] C67192157
UB2WGMXIYY2AHDHA003	VS_AAL2PATHPVC_	NUMBER	[B67109477] C67192154

5XKCUC6	RX_CELLS		
UB2WGN0IYY2AHDHA0035XKCUC6	VS_AAL2PATHPVC_RX_MEANKBPS	FLOAT	[B67109477] C67203858
UB2WGN2IYY2AHDHA0035XKCUC6	VS_AAL2PATHPVC_TX_CELLS	NUMBER	[B67109477] C67192155
UB2WGN4IYY2AHDHA0035XKCUC6	VS_AAL2PATHPVC_TX_MEANKBPS	FLOAT	[B67109477] C67203859

7.3.2 HUA_AAL2PATH_PVCPLAYER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATH_ID		VARCHAR2(100)	[B67109486] RNC_Id & "/" & AAL2PATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNCVURP2AHRHR0035XVPKR0	B67109486_C67194098	NUMBER	[B67109486] C67194098
SUIHNCXURP2AHRHR0035XVPKR0	B67109486_C67194099	NUMBER	[B67109486] C67194099
SUIHND0URP2AHRHR0035XVPKR0	B67109486_C67194100	NUMBER	[B67109486] C67194100
SUIHND2URP2AHRHR0035XVPKR0	B67109486_C67194101	NUMBER	[B67109486] C67194101
SUIHND4URP2AHRHR0035XVPKR0	B67109486_C67194102	NUMBER	[B67109486] C67194102
SUIHND6URP2AHRHR0035XVPKR0	B67109486_C67194103	NUMBER	[B67109486] C67194103
SUIHNDBURP2AHRHR0035XVPKR0	B67109486_C67194104	NUMBER	[B67109486] C67194104
SUIHNDDURP2AHRHR0035XVPKR0	B67109486_C67194105	NUMBER	[B67109486] C67194105
SUIHNDFURP2AHRHR0035XVPKR0	B67109486_C67194106	NUMBER	[B67109486] C67194106
SUIHNDHURP2AHRHR0035XVPKR0	B67109486_C67194107	NUMBER	[B67109486] C67194107

7.3.3 HUA_AAL2PATH_SCTP_IPLYR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATH_ID		VARCHAR2(100)	[B67109486] RNC_Id & "/" & AAL2PATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNCTURP2AHRHR0035XVPKR0	B67109486_C67194097	NUMBER	[B67109486] C67194097

7.3.4 HUA_AAL2PATH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATH_ID		VARCHAR2(100)	[B67109466] RNC_Id & "/" & AAL2PATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY4JLUI2AIDKRB02OFAWJHK	VS_AAL2PATH_FWD_CONG	NUMBER	[B67109466] C67195595
XLSNY4LLUI2AIDKRB02OFAWJHK	VS_AAL2PATH_FWD_CONG_DUR	NUMBER	[B67109466] C67195596
XLSNY4NLUI2AIDKRB02OFAWJHK	VS_AAL2PATH_BWD_CONG	NUMBER	[B67109466] C67195597
XLSNY4PLUI2AIDKRB02OFAWJHK	VS_AAL2PATH_BWD_CONG_DUR	NUMBER	[B67109466] C67195598
XLSNY4RLUI2AIDKRB02OFAWJHK	VS_AAL2PATH_ACT_CON	FLOAT	[B67109466] C67204206
YSB0FEYDF0BRFEJB4NXXUMGD44	VS_AAL2PATH_MEASKBPS_TX	FLOAT	[B67109466] C67202948
VU2U35PPA6B5NRS60OTNL4ESLO	VS_AAL2PATH_MEASKBPS_RX	FLOAT	[B67109466] C67202947

7.3.5 HUA_AAL2PATHCONNECT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
AAL2PATH_ID		VARCHAR2(100)	[B67109466] RNC_Id & "/" & AAL2PATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN4TURP2AHRHR0035XVPKR0	B67109466_C67204206	FLOAT	[B67109466] C67204206

7.4 Raw ATM_Logic_Port Tables

7.4.1 HUA_ATM_LOGIC_PORT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_LOGIC_PORT_ID		VARCHAR2(255)	[B67109564] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPWVGWR34H2AISPAB035Y0HF3V	ATMLGCPRT_ALLOCED_MAX_FWD	NUMBER	[B67109564] C67196319
RPWVGWT34H2AISPAB035Y0HF3V	ATMLGCPRT_ALLOCED_MAX_BWD	NUMBER	[B67109564] C67196320
RPWVGWV34H2AISPAB035Y0HF3V	ATMLGCPRT_FWD_CONG	NUMBER	[B67109564] C67196321
RPWVGWX34H2AISPAB035Y0HF3V	ATMLGCPRT_FWD_CONG_DUR	NUMBER	[B67109564] C67196322
RPWVGX034H2AISPAB035Y0HF3V	ATMLGCPRT_BWD_CONG	NUMBER	[B67109564] C67196323
RPWVGX234H2AISPAB035Y0HF3V	ATMLGCPRT_BWD_CONG_DUR	NUMBER	[B67109564] C67196324
RPWVGX434H2AISPAB035Y0HF3V	ATMLGCPRT_ALLOCED_AVE_BWD	NUMBER	[B67109564] C67204858
RPWVGX634H2AISPAB035Y0HF3V	ATMLGCPRT_ALLOCED_AVE_FWD	NUMBER	[B67109564] C67204859

7.5 Raw ATM_Node Tables

7.5.1 HUA_ATM_NODE_QAAL2_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_NODE_ID		VARCHAR2(100)	[B67109419] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
W1R06YFV2DCQVUSOY0OJHV1NGM	VS_AAL2_CAC_ATT	NUMBER	[B67109419] C67190053
TV5MAK1FYXCNGS3NVC5WMHM3IJ	VS_AAL2_CAC_SUCC	NUMBER	[B67109419] C67190054
RDCWUMPAJNCV4DL12LFNJ2U0IS	VS_QAAL2_ACT_CON	FLOAT	[B67109419] C67199677
U51DBGQCGXCO1UJD5D0H6DJNIO	VS_QAAL2_ALLAVEBWD_AAL2BITRATE	FLOAT	[B67109419] C67203405
W36LWWFU50CN6CJHC4DSS3Q4PQ	VS_QAAL2_ALLAVEFWD_AAL2BITRATE	FLOAT	[B67109419] C67203404
XC1MFV26JOCIOU61I5VCIHIPFH	VS_QAAL2_ALLMAXBWD_AAL2BITRATE	FLOAT	[B67109419] C67203407
V1M4KHMGGKBCFB2CKLOOXKME6L	VS_QAAL2_ALLMAXFWD_AAL2BITRATE	FLOAT	[B67109419] C67203406
UVMLEQFMDNCP0B46FCY05G3UVI	VS_QAAL2_ERQ_RX	NUMBER	[B67109419] C67183362
WQ1PF1YMO4CMGERR22LFKS2OE5	VS_QAAL2_ERQ_TX	NUMBER	[B67109419] C67183361
T05WTEGEEQBN0DI3JFQM56TW65	VS_QAAL2_EST_ECF_RX	NUMBER	[B67109419] C67183364
VXVXHNP02LCNWB1HSL5ARAGVOT	VS_QAAL2_EST_ECF_TX	NUMBER	[B67109419] C67183365

UGSTQQKHPWCL4B3NUDYT62XVKS	VS_QAAL2_EST_RLC_CONG_RX	NUMBER	[B67109419] C67190059
UM550WNELJC6FBN265OHE3VHLP	VS_QAAL2_EST_RLC_CONG_TX	NUMBER	[B67109419] C67190065
TIRMWODQLQCSRUJCABKHNTJRD4	VS_QAAL2_EST_RLC_FAIL_RX	NUMBER	[B67109419] C67190058
RYRNUNWILCBHFSHWVOQJ45LH0E	VS_QAAL2_EST_RLC_FAIL_TX	NUMBER	[B67109419] C67190064
XKNO5OIOL2B1ARM1EC13P52O4D	VS_QAAL2_EST_RLC_NOCID_RX	NUMBER	[B67109419] C67190057
WOBQE0WPVDBC1C5NF3H11MYTK2	VS_QAAL2_EST_RLC_NOCID_TX	NUMBER	[B67109419] C67190063
TBSTN42FEWBESTCN2XCHBKSX3H	VS_QAAL2_EST_RLC_NOPATH_RX	NUMBER	[B67109419] C67190056
VRVWF3RDGUCPGB5PTRKYF0UGK6	VS_QAAL2_EST_RLC_NOPATH_TX	NUMBER	[B67109419] C67190062
SIMPYWJE2PBP0E5B033W3M0N63	VS_QAAL2_EST_RLC_NOROUTE_RX	NUMBER	[B67109419] C67190055
UQYACYDFNFBKFBW1LD0RPCXM4G	VS_QAAL2_EST_RLC_NOROUTE_TX	NUMBER	[B67109419] C67190061
RR4F2FICSPCL1TFAF2VJDDSSKC	VS_QAAL2_EST_RLC_RECOVOUT_RX	NUMBER	[B67109419] C67190060
XNWQE0TNYOCAVEBAPYRATF4WGN	VS_QAAL2_EST_RLC_RECOVOUT_TX	NUMBER	[B67109419] C67190066
USUE030EF3BH0RIXAIJLVLSF06	VS_QAAL2_EST_RLC_RX	NUMBER	[B67109419] C67183363
U51LT4ORGYBEYEOCY01PL11H36	VS_QAAL2_EST_RLC_TX	NUMBER	[B67109419] C67183366
TWAPH3TUI4CO2BPEJTQIFTHA03	VS_QAAL2_REL_RLC_RX	NUMBER	[B67109419] C67183369
WJ5BSMLNELB3ES4G0EIVGNJXLP	VS_QAAL2_REL_RLC_TX	NUMBER	[B67109419] C67183370
WK34KLHEGSC0OD4OYPBA1HS3OT	VS_QAAL2_REL_RX	NUMBER	[B67109419] C67183368
WXPDH4OO42CLSC0WL65V4	VS_QAAL2_REL_TX	NUMBER	[B67109419] C67183367

FBEGO			
WT1Y6KO00VB5CE5F2GEASOBHDE	VS_QAAL2_RXMOD	NUMBER	[B67109419] C67190554
VG05SX0RFKC3AC5P16CIVRA03H	VS_QAAL2_RXMODREJ	NUMBER	[B67109419] C67190067
YJTJE1MVCCC5PRFFD4LKIG2XE0	VS_QAAL2_TXMOD	NUMBER	[B67109419] C67190553
TYGF0IODLWB1ASAVVWJPS43WUJ	VS_QAAL2_TXMODREJ	NUMBER	[B67109419] C67190068
UH2KKPFIYY2AHDHA0035XKCUC6	VS_QAAL2_ALLOCMAXBWD_AAL2BR_V	FLOAT	[B67109419] C67190565
UH2KKPHIYY2AHDHA0035XKCUC6	VS_QAAL2_ALLOCMAXFWD_AAL2BR_V	FLOAT	[B67109419] C67190562
TGNKUS6SEN2AHRHQJ035XVPKR0	QAAL2_ALLOCEDBWD_AAL2BITRATE	FLOAT	[B67109419] C67190558
TGNKUSBSEN2AHRHQJ035XVPKR0	QAAL2_ALLOCEDFWD_AAL2BITRATE	FLOAT	[B67109419] C67190555
XLSNY1FLUI2AIDKRB02OFAWJHK	VS_QAAL2_EST_RLC_NOBITRATE_TX	NUMBER	[B67109419] C67196149

7.5.2 HUA_IP_CONNECTIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_NODE_ID		VARCHAR2(100)	[B67109479] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN2FURP2AHRHR0035XVPKR0	B67109479_C67194658	NUMBER	[B67109479] C67194658
SUIHN2HURP2AHRHR0035XVPKR0	B67109479_C67194659	NUMBER	[B67109479] C67194659

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SUIHN2JURP2AHRHR0035XVPKR0	B67109479_C67194660	NUMBER	[B67109479] C67194660
SUIHN2LURP2AHRHR0035XVPKR0	B67109479_C67192414	NUMBER	[B67109479] C67192414
SUIHN2NURP2AHRHR0035XVPKR0	B67109479_C67192415	NUMBER	[B67109479] C67192415
SUIHN2PURP2AHRHR0035XVPKR0	B67109479_C67204200	NUMBER	[B67109479] C67204200

7.5.3 HUA_IPPATH_RESOURCES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_NODE_ID		VARCHAR2(100)	[B67109479] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN2RURP2AHRHR0035XVPKR0	B67109479_C67204201	FLOAT	[B67109479] C67204201
SUIHN2TURP2AHRHR0035XVPKR0	B67109479_C67204202	FLOAT	[B67109479] C67204202

7.5.4 HUA_QAAL2_ALLOCATIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_NODE_ID		VARCHAR2(100)	[B67109480] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY6VLUI2AIDKRB02OFAWJHK	QAAL2IP_FAILRESALLOCFORBWLIMIT	NUMBER	[B67109480] C67196160
SUIHN2BURP2AHRHR0035XVPKR0	B67109419_C67190555	FLOAT	[B67109419] C67190555
SUIHN2DURP2AHRHR0035XVPKR0	B67109419_C67190558	FLOAT	[B67109419] C67190558

SUIHN2VURP2AHRHR0035XVPKR0	B67109480_C67192422	NUMBER	[B67109480] C67192422
SUIHN2XURP2AHRHR0035XVPKR0	B67109480_C67192423	NUMBER	[B67109480] C67192423
SUIHN4PURP2AHRHR0035XVPKR0	B67109518_C67204204	FLOAT	[B67109518] C67204204
SUIHN4RURP2AHRHR0035XVPKR0	B67109518_C67204205	FLOAT	[B67109518] C67204205

7.5.5 HUA_QAAL2_CONNECTIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_NODE_ID		VARCHAR2(100)	[B67109518] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN30URP2AHRHR0035XVPKR0	B67109518_C67192424	NUMBER	[B67109518] C67192424
SUIHN32URP2AHRHR0035XVPKR0	B67109518_C67192425	NUMBER	[B67109518] C67192425
SUIHN34URP2AHRHR0035XVPKR0	B67109518_C67194611	NUMBER	[B67109518] C67194611
SUIHN36URP2AHRHR0035XVPKR0	B67109518_C67194612	NUMBER	[B67109518] C67194612
SUIHN3BURP2AHRHR0035XVPKR0	B67109518_C67194661	NUMBER	[B67109518] C67194661
SUIHN3DURP2AHRHR0035XVPKR0	B67109518_C67194662	NUMBER	[B67109518] C67194662
SUIHN3FURP2AHRHR0035XVPKR0	B67109518_C67194663	NUMBER	[B67109518] C67194663
SUIHN3HURP2AHRHR0035XVPKR0	B67109518_C67194664	NUMBER	[B67109518] C67194664

SUIHN3JURP2AHRHR0035 XVPKR0	B67109518_C67194665	NUMBER	[B67109518] C67194665
SUIHN3LURP2AHRHR0035 XVPKR0	B67109518_C67194666	NUMBER	[B67109518] C67194666
SUIHN3NURP2AHRHR0035 XVPKR0	B67109518_C67194626	NUMBER	[B67109518] C67194626
SUIHN3PURP2AHRHR0035 XVPKR0	B67109518_C67194627	NUMBER	[B67109518] C67194627
SUIHN3RURP2AHRHR0035 XVPKR0	B67109518_C67194628	NUMBER	[B67109518] C67194628
SUIHN3TURP2AHRHR0035 XVPKR0	B67109518_C67194629	NUMBER	[B67109518] C67194629
SUIHN3VURP2AHRHR0035 XVPKR0	B67109518_C67194630	NUMBER	[B67109518] C67194630
SUIHN3XURP2AHRHR0035 XVPKR0	B67109518_C67194631	NUMBER	[B67109518] C67194631
SUIHN40URP2AHRHR0035 XVPKR0	B67109518_C67194620	NUMBER	[B67109518] C67194620
SUIHN42URP2AHRHR0035 XVPKR0	B67109518_C67194621	NUMBER	[B67109518] C67194621
SUIHN44URP2AHRHR0035 XVPKR0	B67109518_C67194622	NUMBER	[B67109518] C67194622
SUIHN46URP2AHRHR0035 XVPKR0	B67109518_C67194623	NUMBER	[B67109518] C67194623
SUIHN4BURP2AHRHR0035 XVPKR0	B67109518_C67194632	NUMBER	[B67109518] C67194632
SUIHN4DURP2AHRHR0035 XVPKR0	B67109518_C67194633	NUMBER	[B67109518] C67194633
SUIHN4FURP2AHRHR0035 XVPKR0	B67109518_C67192446	NUMBER	[B67109518] C67192446
SUIHN4HURP2AHRHR0035 XVPKR0	B67109518_C67192447	NUMBER	[B67109518] C67192447
SUIHN4JURP2AHRHR0035 XVPKR0	B67109518_C67192448	NUMBER	[B67109518] C67192448
SUIHN4LURP2AHRHR0035	B67109518_C67192449	NUMBER	[B67109518] C67192449

XVPKR0			
SUIHN4NURP2AHRHR0035XVPKR0	B67109518_C67204203	FLOAT	[B67109518] C67204203
XLSNYB4LUI2AIDKRB02OFAWJHK	QAAL2PART_EST_RLC_NOBITRATE_TX	NUMBER	[B67109518] C67196185

7.6 Raw ATM_Port Tables

7.6.1 HUA_ATM_PORT_ATM_PORT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ATM_PORT_ID		VARCHAR2(50)	[B67109464] RNC_Id & "/" & ATM_Port_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XCCNANL3INCJWDA2XNFSKG6FKT	VS_ATMPORT_MAXKBPS_TX	FLOAT	[B67109464] C67190775
Y3MVNSK32DCW0E2U33SJFTXYKV	VS_ATMPORT_MAXKBPS_RX	FLOAT	[B67109464] C67190773
TIAAKVCOQNC64CO0K6UAX1HMHS	VS_ATMPORT_MEANKBPS_TX	FLOAT	[B67109464] C67190776
V1HKBMEQMRCLJEXX6HO5QOSYVB	VS_ATMPORT_MEANKBPS_RX	FLOAT	[B67109464] C67190774

7.7 Raw Cell Tables

7.7.1 HUA_CELL_BCAST_SERV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109389] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
U2EGYJVY0LBO5BOMGFTTT0WUQQ	VS_CBS_MAXNUMSTORED	NUMBER	[B67109389] C67180994
W0EA6E5R1HCKMTEVLKPD1QN6YK	VS_CBS_MEANNUMSTORED	FLOAT	[B67109389] C67199706
TDEGQT44KHBBYSU3H666JTMJY5	VS_CBS_MEANNUMSTORED_DENO	FLOAT	[B67109389] C67180997
YS2GTGLKV6BVTBULOVKHUAG65T	VS_CBS_MINNUMSTORED	NUMBER	[B67109389] C67180995
TBSTT5OGJDBWYRKENBRCTV5K4V	VS_CBS_NUMBMCCONGIND	NUMBER	[B67109389] C67180998
VDEQWPY6LRBJ3DHQCX2KN3KPFF	VS_CBS_NUMRX	NUMBER	[B67109389] C67180993
TP1CPKOTSBBYGS3VW5QRQEQ2YY	VS_CBS_NUMSTORED_NUM	NUMBER	[B67109389] C67180996
UX1FSKTIE1BG3EXJSFARDWVBUU	VS_CBS_NUMTXUE	NUMBER	[B67109389] C67180999

7.7.2 HUA_CELL_BLER_UL_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109392] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YQJ0SNETFBC1MRRF65BYXNUDKU	UL_BLER_OUT_CSAMR_OUTTIME	NUMBER	[B67109392] C67189862
SD5F1VSVM2CVLC2NC3BEVJL52W	UL_BLER_OUT_CSAMR_TOTALTIME	NUMBER	[B67109392] C67189863
XNYG45JG6UCHWTBMHT2RGO3Q1L	ULBLER_CS_14_4_ERR_TB_NUM	NUMBER	[B67109392] C67184404
T3WLSTWOSNBFWC6LI6VPBCRKVK	ULBLER_CS_14_4_SAMPLE_TIMES	NUMBER	[B67109392] C67184405
S52Q3IJCU5CCTUPMP6I14153F5	ULBLER_CS_28_8_ERR_TB_NUM	NUMBER	[B67109392] C67184406

WF0K3DKNCUBLQBEYU230BQBE2M	ULBLER_CS_28_8_SAMPLE_TIMES	NUMBER	[B67109392] C67184407
WESI4RDX5GBF1R0EAKLHATBSGI	ULBLER_CS_56_ERR_TB_NUM	NUMBER	[B67109392] C67190451
WNQRR3RQKDCXGEXD4QMJ31WL2C	ULBLER_CS_56_SAMPLE_TIMES	NUMBER	[B67109392] C67190452
W0TINVJOG1CLBUKNCSUSTBHVRH	ULBLER_CS_57_6_ERR_TB_NUM	NUMBER	[B67109392] C67184408
XQ4NQ4IDTLBPYROEPTLBE4BB3I	ULBLER_CS_57_6_SAMPLE_TIMES	NUMBER	[B67109392] C67184409
VC2K1ACDLUB0IBYBS2P6URTBGI	ULBLER_CS_64_ERR_TB_NUM	NUMBER	[B67109392] C67184410
TGAFITBTERCQ5EHMY5JYBVYLN0	ULBLER_CS_64_SAMPLE_TIMES	NUMBER	[B67109392] C67184411
RYWC6W3A1BCUTS2KCDHHYSOIVP	ULBLER_CS_AMR_ERR_TB_NUM	NUMBER	[B67109392] C67184402
YOH0YBHCVOCTXU3E5M5VEAPNQQ	ULBLER_CS_AMR_SAMPLE_TIMES	NUMBER	[B67109392] C67184403
RJMWHVIAU1BE6BPWVSX6CKPCNT	ULBLER_PSNRT_128K_ERR_TB_NUM	NUMBER	[B67109392] C67184428
TJM5NSAAJMB3GD45ONH4WI1TMY	ULBLER_PSNRT_128K_SAMPLE_TIMES	NUMBER	[B67109392] C67184429
TRL1E5EPWBBO2UO3O10VG4236B	ULBLER_PSNRT_144K_ERR_TB_NUM	NUMBER	[B67109392] C67184430
WPOJ4JCHHNBBBTSXPI2NY4KGKW	ULBLER_PSNRT_144K_SAMPLE_TIMES	NUMBER	[B67109392] C67184431
RUX4X64SFPCEPRMQ53MIBWUXLV	ULBLER_PSNRT_16K_ERR_TB_NUM	NUMBER	[B67109392] C67184422
UGWK1K12ULBVWT1103M46TVNXG	ULBLER_PSNRT_16K_SAMPLE_TIMES	NUMBER	[B67109392] C67184423
THMRHG2HWQBDPTCUH42WDVY3FV	ULBLER_PSNRT_256K_ERR_TB_NUM	NUMBER	[B67109392] C67184432

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R4ELDGYKEYCU0UYDPTKUXO1TLY	ULBLER_PSNRT_256K_SAMPLE_TIMES	NUMBER	[B67109392] C67184433
V5QMV6P6D4CXHBIVT25NKHJIWH	ULBLER_PSNRT_32K_ERR_TB_NUM	NUMBER	[B67109392] C67184424
VJJE6F03FOCHMRODH0NWIAP4RO	ULBLER_PSNRT_32K_SAMPLE_TIMES	NUMBER	[B67109392] C67184425
R6KVY2236JB13TVVDLJEIQPYCQ	ULBLER_PSNRT_384K_ERR_TB_NUM	NUMBER	[B67109392] C67184434
RUHAOFWUKXCIUTS6QYPAK2IDGD	ULBLER_PSNRT_384K_SAMPLE_TIMES	NUMBER	[B67109392] C67184435
TAEFNUL65BBAGCF3W1TLXMF3NV	ULBLER_PSNRT_64K_ERR_TB_NUM	NUMBER	[B67109392] C67184426
SSEVUMTLD6BVTD6LNHU12HYTAI	ULBLER_PSNRT_64K_SAMPLE_TIMES	NUMBER	[B67109392] C67184427
RSKQ3SHTSPCNTD63HC530AOVOM	ULBLER_PSNRT_8K_ERR_TB_NUM	NUMBER	[B67109392] C67184420
YKXBAXRD2VCPGTO2HAUGSFIQJQ	ULBLER_PSNRT_8K_SAMPLE_TIMES	NUMBER	[B67109392] C67184421
V1A5FPT1I3B3JTQKJU6B5AHJPK	ULBLER_PSRT_16K_ERR_TB_NUM	NUMBER	[B67109392] C67184414
RURQ3VLOCEBK0S0ADY65AK6WUX	ULBLER_PSRT_16K_SAMPLE_TIMES	NUMBER	[B67109392] C67184415
RL1A31V0CQCTVDGX3MMHQ0SP4K	ULBLER_PSRT_32K_ERR_TB_NUM	NUMBER	[B67109392] C67184416
U3HRX16PDSCGTCQ5LQAD2T1IQD	ULBLER_PSRT_32K_SAMPLE_TIMES	NUMBER	[B67109392] C67184417
TKPRQPTLJTBOJDVTADRAYXOFMU	ULBLER_PSRT_64K_ERR_TB_NUM	NUMBER	[B67109392] C67184418
XCXNN6XI13BEXSGIDRR1CULUPU	ULBLER_PSRT_64K_SAMPLE_TIMES	NUMBER	[B67109392] C67184419
Y4FQG40LMPBX1UXK21WFDFR3NN	ULBLER_PSRT_8K_ERR_TB_NUM	NUMBER	[B67109392] C67184412
U4D6RIRMXABTQCDKAHMWTPKCMF	ULBLER_PSRT_8K_SAMPLE_TIMES	NUMBER	[B67109392] C67184413
R5MC5GAJPLCFNSTTS4U0K	VS_ULBLER_OUT_C	FLOAT	[B67109392] C67202430

VGL53	SRT_14_4		
RUKY32VOK4BYEU4LA60ML1FFJN	VS_ULBLER_OUTCSRT_14_4_OUTT	NUMBER	[B67109392] C67189864
TJR0CVCQFRCYFSJSVDDSPRTFTY	VS_ULBLER_OUTCSRT_14_4_TOTT	NUMBER	[B67109392] C67189865
XJ5MDF325CBGMU636JS5QXLQA6	VS_ULBLER_OUT_CSRT_28_8	FLOAT	[B67109392] C67202431
XGEE6NL151BUEUI6HHH1BGT6XD	VS_ULBLER_OUTCSRT_28_8_OUTT	NUMBER	[B67109392] C67189866
Y1EKROEI4WBE2BH5MONWIKTBLN	VS_ULBLER_OUT_CSRT_28_8_TOTT	NUMBER	[B67109392] C67189867
WSKCNRM05AB1PCIG3ESX2JK5TQ	VS_ULBLER_OUT_CSRT_56	FLOAT	[B67109392] C67202432
VFL3TNL5SJBPOEEHFVG0ABACNY	VS_ULBLER_OUT_CSRT_56_OUTTIME	NUMBER	[B67109392] C67189868
S4GXQJHTGIC20SC3BXG4U6H5AC	VS_ULBLER_OUT_CSRT_56_TOTT	NUMBER	[B67109392] C67189869
X2UB6ACKIICWHDYW6F5CWM4XMM	VS_ULBLER_OUT_CSRT_57_6	FLOAT	[B67109392] C67202558
TR6GNW0ILVCYKRXIAPI4QB0PJ4	VS_ULBLER_OUTCSRT_57_6_OUTT	NUMBER	[B67109392] C67190448
T4F00RGOC6B5ADPFQNTQG0SXNL	VS_ULBLER_OUT_CSRT_57_6_TOTT	NUMBER	[B67109392] C67190449
XFSLQ0OHYAC00DNOFLPNP1HYXL	VS_ULBLER_OUT_CSRT_64	FLOAT	[B67109392] C67202433
SWFAEOEIP0BUGR6UH34W5WE2M5	VS_ULBLER_OUT_CSRT_64_OUTTIME	NUMBER	[B67109392] C67189870
VYGFO0VFFFC0IT0ROC50NVGSKQ	VS_ULBLER_OUT_CSRT_64_TOTT	NUMBER	[B67109392] C67189871
SJSGT46W5PBFPECDX5K43B1L1F	VS_ULBLERAMR	FLOAT	[B67109392] C67199797
RTVYBP0EIXBKLSGCGLNKP	VS_ULBLERCSRT_1	FLOAT	[B67109392] C67199798

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CDKEH	4_4		
WX6IE4IINKCANSM4NF5CXEO1AY	VS_ULBLERCSRT_28_8	FLOAT	[B67109392] C67199799
W0NDEHHFOHC5JC0OB5BQVRYUHK	VS_ULBLERCSRT_56	FLOAT	[B67109392] C67202559
VT3VNTJ4T6BVABYNL0WJPOU3O1	VS_ULBLERCSRT_57_6	FLOAT	[B67109392] C67199800
XSXHAL41DRB0TCKHGMBF640GTM	VS_ULBLERCSRT_64	FLOAT	[B67109392] C67199801
UUO23IXILK2AHDH6B035XKCUC6	VS_UL_BLER_OUT_CSAMR	FLOAT	[B67109392] C67202429

7.7.3 HUA_CELL_BLER_UL_PS_NRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109392] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U41IKOTIUKB33S436BWK1CIUYF	VS_ULBLER_OUT_PSNRT_DCH_128	FLOAT	[B67109392] C67202443
XKDEEHT20UBPEB5N2D2VBUQVHI	VS_ULBLER_OUT_PSNRT_DCH128_OUT	NUMBER	[B67109392] C67189890
YMHW61RS0CB33BWSSIK6XN2UNG	VS_ULBLER_OUT_PSNRT_DCH128_TOT	NUMBER	[B67109392] C67189891
XPQPSS1RMDCSCEEEB0CAQ3DLCG	VS_ULBLER_OUT_PSNRT_DCH_144	FLOAT	[B67109392] C67202444
S0YJUU0IK1COKUI6LOVDTY0AF6	VS_ULBLER_OUTPSNRTDCH_144_OUTT	NUMBER	[B67109392] C67189892
T6BQUBSKH3CN3UMWDECT2K4ORP	VS_ULBLER_OUTPSNRTDCH_144_TOTT	NUMBER	[B67109392] C67189893
RGDHY5WIP6BT1EXUSLKCDEVNJD	VS_ULBLER_OUT_PSNRT_DCH_16	FLOAT	[B67109392] C67202440
RGRELX53G6C1MCKQKO6DJDUH4B	VS_ULBLER_OUTPSNRTDCH_16_OUTT	NUMBER	[B67109392] C67189884

RNOOLC4QO1CDHSLK2STYUMVHKL	VS_ULBLER_OUT_PSNRT_DCH_16_TOT	NUMBER	[B67109392] C67189885
WRVHOA4AVTC5QSAD10IJXGN26C	VS_ULBLER_OUT_PSNRT_DCH_256	FLOAT	[B67109392] C67202445
YQKBSDNRRTBTNSADM5OVEXD3XE	VS_ULBLER_OUT_PSNRT_DCH256_OUT	NUMBER	[B67109392] C67189894
SKYHUSXCQLB5PBUVJ3LDEDHPVV	VS_ULBLER_OUTPSNRTDCH_256_TOTT	NUMBER	[B67109392] C67189895
X6VABJLIJOBQDEUDK0W1XHHIQV	VS_ULBLER_OUT_PSNRT_DCH_32	FLOAT	[B67109392] C67202441
UC154G2K42C0NT3TRSMSNDANO5	VS_ULBLER_OUT_PSNRT_DCH_32_OUT	NUMBER	[B67109392] C67189886
UXDDXFD11LC5ISQD3BJ4LXLM3L	VS_ULBLER_OUTPSNRTDCH_32_TOTT	NUMBER	[B67109392] C67189887
S2JOWMKMNOBYDDR25QJH5SHYPM	VS_ULBLER_OUT_PSNRT_DCH_384	FLOAT	[B67109392] C67202446
U3EII0CJE0BXOTEOO6RGWOM6VU	VS_ULBLER_OUT_PSNRT_DCH384_OUT	NUMBER	[B67109392] C67189896
SWKIWHQ24EBG3CGQRBWI1MQJDA	VS_ULBLER_OUTPSNRTDCH_384_TOTT	NUMBER	[B67109392] C67189897
UMHOLXSFVICPWB65TBL6X20HRD	VS_ULBLER_OUT_PSNRT_DCH_64	FLOAT	[B67109392] C67202442
WNETE6QYQBCI4BTSA015EQC5H2	VS_ULBLER_OUTPSNRTDCH_64_OUTT	NUMBER	[B67109392] C67189888
WPFHTVGATXB1QSBMTD3DCCW11K	VS_ULBLER_OUT_PSNRT_DCH_64_TOT	NUMBER	[B67109392] C67189889
XAECTC13EEB4SDHL5BMV06HC0V	VS_ULBLER_OUT_PSNRT_DCH_8	FLOAT	[B67109392] C67202439
T2DMBHWEQXCY1UJ1YCXJ50NQIH	VS_ULBLER_OUT_PSNRT_DCH_8_OUTT	NUMBER	[B67109392] C67189882
RMYWSSO6FUCDGS5PDJDHUQVBB2	VS_ULBLER_OUT_PSNRT_DCH_8_TOTT	NUMBER	[B67109392] C67189883

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XLYSEDSFN1CO0UH0YMO4SSQAQS	VS_ULBLER_PSNRT_RACH8	FLOAT	[B67109392] C67202447
YLLU4WHWA2BS1CMFAUAHC33GOY	VS_ULBLERPSNRTDCH_128	FLOAT	[B67109392] C67199810
YLCT0W3URGBB2SXD1UIEGLSCU1	VS_ULBLERPSNRTDCH_144	FLOAT	[B67109392] C67199811
V2KXG6W2XSCEJTLONXV4C5RTLB	VS_ULBLERPSNRTDCH_16	FLOAT	[B67109392] C67199807
WFRF1K4J4ABP1DD4BWCBKQWSNM	VS_ULBLERPSNRTDCH_256	FLOAT	[B67109392] C67199812
YAYGH230LSCN0DIBL4O2F3DIO6	VS_ULBLERPSNRTDCH_32	FLOAT	[B67109392] C67199808
SA1SDL6JCYCP2D3AAEREVD5R44	VS_ULBLERPSNRTDCH_384	FLOAT	[B67109392] C67199813
VKPJD62ILHBUGTLLSG3WXAG10Q	VS_ULBLERPSNRTDCH_64	FLOAT	[B67109392] C67199809
YJFSVMAWENBOWDYEAFHXAEY60J	VS_ULBLERPSNRTDCH_8	FLOAT	[B67109392] C67199806
XD5GMA2AHK26SDGMB00HW05BPA	VS_ULBLER_PSNRT_RAC8_ERTBNUM	NUMBER	[B67109392] C67189898
XDA15S6AHK26SDGMB00HW05BPA	VS_ULBLER_PSNRT_RAC8_SP_TIM	NUMBER	[B67109392] C67189899

7.7.4 HUA_CELL_BLER_UL_PS_RT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109392] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SSGWXMAAG6BWRRI26KE3GCP5YI	VS_ULBLER_OUT_PSRT_144	FLOAT	[B67109392] C67202438
R3X0LJWLMGBAVTDMTQ53PQ464I	VS_ULBLER_OUT_PSRT_144_OUTTIME	NUMBER	[B67109392] C67189880
YUWTNKQ3FEB3QTM0CH0	VS_ULBLER_OUT_P	NUMBER	[B67109392] C67189881

N46V3GD	SRT_144_TOTT		
VTV3E11UN0CBFBYKJQPL3UVUFM	VS_ULBLER_OUT_PSRT_16	FLOAT	[B67109392] C67202435
XPPQ1N3IHKBXLUW5L3NSOXUBBL	VS_ULBLER_OUT_PSRT_16_OUTTIME	NUMBER	[B67109392] C67189874
T6ARJUXKLHBN2UXARHSYG646A0	VS_ULBLER_OUT_PSRT_16_TOTT	NUMBER	[B67109392] C67189875
V5YNKOTWPVBUDDKN0DT3I42UWI	VS_ULBLER_OUT_PSRT_32	FLOAT	[B67109392] C67202436
YO323HL2M3B3NBEISS6LTODXHT	VS_ULBLER_OUT_PSRT_32_OUTTIME	NUMBER	[B67109392] C67189876
UCS3ECL31CB64BBN0LO3JLNLVV	VS_ULBLER_OUT_PSRT_32_TOTT	NUMBER	[B67109392] C67189877
U1V6BCV3VBBOTUMUXWJROFI3KJ	VS_ULBLER_OUT_PSRT_64	FLOAT	[B67109392] C67202437
RRGAQNLOXPB23R2TG3NNTS4QP1	VS_ULBLER_OUT_PSRT_64_OUTTIME	NUMBER	[B67109392] C67189878
V4EMWO34A2CJ5U4NN2HXTF345D	VS_ULBLER_OUT_PSRT_64_TOTT	NUMBER	[B67109392] C67189879
WI3IO2PHKACKRD4VFSMI64JDHU	VS_ULBLER_OUT_PSRT_8	FLOAT	[B67109392] C67202434
VX03CJXBRQB4TESLYBLE2I5YAU	VS_ULBLER_OUT_PSRT_8_OUTTIME	NUMBER	[B67109392] C67189872
W4UPJ2NQ0FB2UEKKJSHV2YGFO3	VS_ULBLER_OUT_PSRT_8_TOTALTIME	NUMBER	[B67109392] C67189873
RQHQITKGP4C4BDNUBN40RCEJOY	VS_ULBLERPSRT_16	FLOAT	[B67109392] C67199803
XXUCHDWTGQBH3DHI4QQLHBULSO	VS_ULBLERPSRT_32	FLOAT	[B67109392] C67199804
X13U6SQDDDCGOSV3FCREWID4VT	VS_ULBLERPSRT_64	FLOAT	[B67109392] C67199805
RMHWI1XILJBKLTQWWF0T	VS_ULBLERPSRT_8	FLOAT	[B67109392] C67199802

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MWU2CX			

7.7.5 HUA_CELL_CE_RES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKRDIYY2AHDHA0035XKCUC6	VS_RAC_DCCC_FAIL_DLCE_CONG	NUMBER	[B67109391] C67191840
UH2KKRFIYY2AHDHA0035XKCUC6	VS_RAC_DCCC_FAIL_ULCE_CONG	NUMBER	[B67109391] C67191839
UH2KKRHIYY2AHDHA0035XKCUC6	VS_RAC_HHO_FAIL_DLCE_CONG	NUMBER	[B67109391] C67192493
UH2KKRJIYY2AHDHA0035XKCUC6	VS_RAC_HHO_FAIL_ULCE_CONG	NUMBER	[B67109391] C67192492
UH2KKRLIYY2AHDHA0035XKCUC6	VS_RAC_NEWREQ_FAIL_DLCE_CONG	NUMBER	[B67109391] C67191844
UH2KKRNIYY2AHDHA0035XKCUC6	VS_RAC_NEWREQ_FAIL_ULCE_CONG	NUMBER	[B67109391] C67191843
UH2KKRPIYY2AHDHA0035XKCUC6	VS_RAC_SHO_FAIL_DLCE_CONG	NUMBER	[B67109391] C67191842
UH2KKRRIYY2AHDHA0035XKCUC6	VS_RAC_SHO_FAIL_ULCE_CONG	NUMBER	[B67109391] C67191841

7.7.6 HUA_CELL_CELL_AVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGR6IYY2AHDHA0035XKCUC6	VS_CELL_RATIO_UNAVAILTIME_OM	FLOAT	[B67109391] C67203851

XLSNXQ4LUI2AIDKRB02OFAWJHK	VS_CELL_UNAVAILTIME_SYS	NUMBER	[B67109391] C67204837
XLSNXQ6LUI2AIDKRB02OFAWJHK	VS_HSDPA_UNAVAILTIME	NUMBER	[B67109391] C67204838
XLSNXQBLUI2AIDKRB02OFAWJHK	VS_EUL_UNAVAILTIME	NUMBER	[B67109391] C67204839
X5UC5VOMANCD2B2G6VENCPO4IK	VS_CELL_UNAVAILTIME_OM	NUMBER	[B67109391] C67199736

7.7.7 HUA_CELL_CELL_BREATH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGRFIYY2AHDHA0035XKCUC6	VS_DLTXPWRAMR_WB	FLOAT	[B67109391] C67203865
YXMMRGX3LPCBTELNLFF4YBLB6E	VS_CELLBREATH_CPICHDOWN	NUMBER	[B67109391] C67190847
V0BI36XA1BCTMR5PUGOCMYJJ3K	VS_CELLBREATH_CPICHMAX_TIME	NUMBER	[B67109391] C67202918
VTIPI1JJ3QBLHUOUDJSOCIT1WS	VS_CELLBREATH_CPICHMIN_TIME	NUMBER	[B67109391] C67202917
V1TOG0GR46BCJUTKSKDY5U3OG2	VS_CELLBREATH_CPICHUP	NUMBER	[B67109391] C67190846
SJ0HR3KNVEC4IEO2H4FRV1BGQW	VS_CELLBREATH_TCPOVER_TIME	NUMBER	[B67109391] C67202920
XKO4RVEK4BCBND5FTHBRF1A4TV	VS_CELLBREATH_TCPUNDER_TIME	NUMBER	[B67109391] C67202919
X4ITBR21OWCOOBYMWADXHFSBEN	VS_CPICHMEAN	FLOAT	[B67109391] C67202921

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S05EBRIOYMBVMRHUN6Q1D3P6OO	VS_DLTXPWRAMR	FLOAT	[B67109391] C67199792
TCX0P4V3SECAXT2TCSUXB324HK	VS_DLTXPWRAMR_CUM	FLOAT	[B67109391] C67179803
VOGSOY1CRQBGCDLOXEXVXENPPE	VS_DLTXPWRAMR_SAMPLE	FLOAT	[B67109391] C67179804

7.7.8 HUA_CELL_CHAN_SWITCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGP2IYY2AHDHA0035XKCUC6	VS_AMR_WB_DLRATERECONFDOWN	NUMBER	[B67109391] C67192002
UB2WGP4IYY2AHDHA0035XKCUC6	VS_AMR_WB_DLRATERECONFUP	NUMBER	[B67109391] C67192001
UB2WGQDIYY2AHDHA0035XKCUC6	VS_AMR_WB_ULRATERECONFDOWN	NUMBER	[B67109391] C67192004
UB2WGQFIYY2AHDHA0035XKCUC6	VS_AMR_WB_ULRATERECONFUP	NUMBER	[B67109391] C67192003
YEARPU6UPW2AHRHR0035XVPKR0	B67109391_C67192583	NUMBER	[B67109391] C67192583
YEARPUBUPW2AHRHR0035XVPKR0	B67109391_C67192584	NUMBER	[B67109391] C67192584
YEARQCRUPW2AHRHR0035XVPKR0	B67109391_C67204134	FLOAT	[B67109391] C67204134
VBBFX4BQN1CMYBPX4LA5KRVJKS	VS_AMR_DLRATERECONFDOWN	NUMBER	[B67109391] C67190519
YYH2I2GT13CRBDNPRVBNK0UUK1	VS_AMR_DLRATERECONFUP	NUMBER	[B67109391] C67180678
TSMLX32C5UB0YSQNJKFTSAT422	VS_AMR_ULRATERECONFDOWN	NUMBER	[B67109391] C67180677
SLHUKVF5NYBS4EBV36EJ0	VS_AMR_ULRATEREC	NUMBER	[B67109391] C67190520

HVQYW	ONFUP		
V0KVIOL4T5BE5RRFJW0T4E2SSE	VS_DCCC_C2D_ATT	NUMBER	[B67109391] C67190707
YPIQCD0AVEBNEBO2WE25AADUHU	VS_DCCC_C2D_SUCC	NUMBER	[B67109391] C67180675
X35DTSM0HMBVHC3K5PLDOAKIJP	VS_DCCC_D2C_ATT	NUMBER	[B67109391] C67190706
SAJBHKON4PCSRBMD0DA5XEL0DF	VS_DCCC_D2C_SUCC	NUMBER	[B67109391] C67180676
SHC4PVB4E5BDES1PFNQ26T66AM	VS_DCCC_D2D_SUCCRATEDOWN_UE	NUMBER	[B67109391] C67180674
UA0OI414F2CAGBQ5APLQ4HHF1N	VS_DCCC_D2D_SUCCRATEUP_UE	NUMBER	[B67109391] C67180673

7.7.9 HUA_CELL_CMB_CHAN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
URJRUTD1XSCPEEH60WBJ4MWJID	VS_CELLCMBCH2UES	FLOAT	[B67109365] C67202957
X6LEF4U0Y3B6EBXWJW4V3AJYJV	VS_CELLCMBCH3USEDTIME	FLOAT	[B67109365] C67202964
T1LF3LF0VGBUCEXSLVP4IEF30X	VS_CELLCMBCH6UES	FLOAT	[B67109365] C67202961
XRICUXWKDCBBPD3XVTELIFDI4C	VS_CELLCMBCH3UES	FLOAT	[B67109365] C67202958
WMBR2SCTJUBFKRIGDJHVHSLCNN	VS_CELLCMBCH4UES	FLOAT	[B67109365] C67202959

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VDTG14I4P4B4VCHK5K32QOK02V	VS_CELLCMBCH6USEDTIME	FLOAT	[B67109365] C67202967
TQP1KNF64NCCBTDNR035TY21WN	VS_CELLCMBUSEDTIME	FLOAT	[B67109365] C67202956
RC56RANALICJTEXWGF3I1QPTHO	VS_CELLCMBCH4USEDTIME	FLOAT	[B67109365] C67202965
RI6T0VMNYRCQ1R6WAJJNAXM6H2	VS_RRC_SUCCCONNESTAB_CMB_CELL	NUMBER	[B67109365] C67190595
YDO066XJSJB6NCK1QYUCSU6YVG	VS_CELLCMBCH5USEDTIME	FLOAT	[B67109365] C67202966
YJ2KBB5AKPCTJU1FRODXLELGDX	VS_RRC_ATTCONNESTAB_CMB_CELL	NUMBER	[B67109365] C67190594
Y03FXY4IJBCYOTXQLUAIGRXFQR	VS_CELLCMBCH1UES	FLOAT	[B67109365] C67202968
YLXNPLIEQ0BTYSF6GWTWRGPKSN	VS_CELLCMBCH1USEDTIME	FLOAT	[B67109365] C67202962
S4NCIG23TRB3UTDGLVCXSLN2CN	VS_CELLCMBCH5UES	FLOAT	[B67109365] C67202960
TXLLW346F5BQ0UBY6JRSB63VUY	VS_CELLCMBCH2USEDTIME	FLOAT	[B67109365] C67202963
XB6Y4P6AHK26SDGMB00HW05BPA	VS_CELLCMBCHUE	NUMBER	[B67109365] C67202969
W0U64N6K4W2AHDHB0035XKCUC6	VS_CELLCMBCHUES_MAX	NUMBER	[B67109365] C67190831

7.7.10 HUA_CELL_CREDIT_USAGE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XO5AKJ0KK0BEOU6VXGAC5LXMQV	VS_LC_DLCREDITUSED_CELL	FLOAT	[B67109391] C67202570
V6NAPGYMGDCF3BYGFIBB	VS_LC_DLCREDITUS	NUMBER	[B67109391] C67191167

NNLXBL	ED_CELL_MAX		
YTPCXHF0HFB6DDSDP5XQCNM2H4	VS_LC_DLCREDITUSED_CELL_MIN	NUMBER	[B67109391] C67191168
VAYUAOIWEAB4HEQPN2KMVM6AY3	VS_LC_ULCREDITUSED_CELL	FLOAT	[B67109391] C67202567
RJM22ECLUKB6DBDNWATE4XKRHN	VS_LC_ULCREDITUSED_CELL_MAX	NUMBER	[B67109391] C67191165
R2XBTNK5VVBW2RNQGQJJGNR5NN	VS_LC_ULCREDITUSED_CELL_MIN	NUMBER	[B67109391] C67191166

7.7.11 HUA_CELL_DSAC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXKDLUI2AIDKRB02OFAWJHK	VS_RRC_MANUALDSAC_NUM	NUMBER	[B67109365] C67195587
XLSNXKFLUI2AIDKRB02OFAWJHK	VS_RRC_AUTODSAC_NUM	NUMBER	[B67109365] C67195590
XLSNXL0LUI2AIDKRB02OFAWJHK	VS_RRC_MANUALDSAC_TIME	FLOAT	[B67109365] C67204171
XLSNXL2LUI2AIDKRB02OFAWJHK	VS_RRC_AUTODSAC_TIME	FLOAT	[B67109365] C67204776

7.7.12 HUA_CELL_ESTAB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109413] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
XLSNXTRLUI2AIDKRB02OFAWJHK	AMR_ESTAB_MAXTIME	FLOAT	[B67109413] C67195972
XLSNXTTLUI2AIDKRB02OFAWJHK	AMR_ESTAB_MINTIME	FLOAT	[B67109413] C67195973
XLSNXTVLUI2AIDKRB02OFAWJHK	AMR_ESTAB_CUM	NUMBER	[B67109413] C67195974
XLSNXTXLUI2AIDKRB02OFAWJHK	AMR_ESTAB_SAMPLE	NUMBER	[B67109413] C67195975
XLSNXU0LUI2AIDKRB02OFAWJHK	CS64_ESTAB_MAXTIME	FLOAT	[B67109413] C67195976
XLSNXU2LUI2AIDKRB02OFAWJHK	CS64_ESTAB_MINTIME	FLOAT	[B67109413] C67195977
XLSNXU4LUI2AIDKRB02OFAWJHK	CS64_ESTAB_CUM	NUMBER	[B67109413] C67195978
XLSNXU6LUI2AIDKRB02OFAWJHK	CS64_ESTAB_SAMPLE	NUMBER	[B67109413] C67195979
XLSNXUBLUI2AIDKRB02OFAWJHK	PSR99_ESTAB_MAXTIME	FLOAT	[B67109413] C67195980
XLSNXUDLUI2AIDKRB02OFAWJHK	PSR99_ESTAB_MINTIME	FLOAT	[B67109413] C67195981
XLSNXUFLUI2AIDKRB02OFAWJHK	PSR99_ESTAB_CUM	NUMBER	[B67109413] C67195982
XLSNXUHLUI2AIDKRB02OFAWJHK	PSR99_ESTAB_SAMPLE	NUMBER	[B67109413] C67195983
XLSNXUJLUI2AIDKRB02OFAWJHK	HSDPA_ESTAB_MAXTIME	FLOAT	[B67109413] C67195984
XLSNXULLUI2AIDKRB02OFAWJHK	HSDPA_ESTAB_MINTIME	FLOAT	[B67109413] C67195985
XLSNXUNLUI2AIDKRB02OFAWJHK	HSDPA_ESTAB_CUM	NUMBER	[B67109413] C67195986
XLSNXUPLUI2AIDKRB02OFAWJHK	HSDPA_ESTAB_SAMPLE	NUMBER	[B67109413] C67195987
XLSNXURLUI2AIDKRB02OFAWJHK	HSUPA_ESTAB_MAXTIME	FLOAT	[B67109413] C67195988

XLSNXUTLUI2AIDKRB02OFAWJHK	HSUPA_ESTAB_MINTIME	FLOAT	[B67109413] C67195989
XLSNXUVLUI2AIDKRB02OFAWJHK	HSUPA_ESTAB_CUM	NUMBER	[B67109413] C67195990
XLSNXUXLUI2AIDKRB02OFAWJHK	HSUPA_ESTAB_SAMPLE	NUMBER	[B67109413] C67195991
XLSNY0PLUI2AIDKRB02OFAWJHK	VS_AMR_ESTAB_MEANTIME	FLOAT	[B67109413] C67204785
XLSNY0RLUI2AIDKRB02OFAWJHK	VS_CS64_ESTAB_MEANTIME	FLOAT	[B67109413] C67204786
XLSNY0TLUI2AIDKRB02OFAWJHK	VS_PSR99_ESTAB_MEANTIME	FLOAT	[B67109413] C67204787
XLSNY0VLUI2AIDKRB02OFAWJHK	VS_HSDPA_ESTAB_MEANTIME	FLOAT	[B67109413] C67204788
XLSNY0XLUI2AIDKRB02OFAWJHK	VS_HSUPA_ESTAB_MEANTIME	FLOAT	[B67109413] C67204789

7.7.13 HUA_CELL_HARD_HO_IUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XCAXRUTAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRIUR_CFGUNS	NUMBER	[B67109380] C67189701_R6
XCDI2FTAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRIUR_ISR	NUMBER	[B67109380] C67189703_R6
XCFA1FPAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRIUR_INCCFG	NUMBER	[B67109380] C67189705_R6
XCH1PBPAHK26SDGMB00H	HHO_FAILOUTINTERRI	NUMBER	[B67109380]

W05BPA	UR_INVCFG		C67189704_R6
UB2WGTNIYY2AHDHA0035XKCUC6	VS_HHO_FAILOINTERNIUR_CFGUNSUP	NUMBER	[B67109380] C67192168
UB2WGTPIYY2AHDHA0035XKCUC6	VS_HHO_FAILOINTERNIUR_INCOCFG	NUMBER	[B67109380] C67192172
UB2WGTRIYY2AHDHA0035XKCUC6	VS_HHO_FAILOINTERNIUR_INVCFG	NUMBER	[B67109380] C67192171
UB2WGTTIYY2AHDHA0035XKCUC6	VS_HHO_FAILOINTERNIUR_ISR	NUMBER	[B67109380] C67192170
UB2WGTVIYY2AHDHA0035XKCUC6	VS_HHO_FAILOINTERNIUR_PHCHFAIL	NUMBER	[B67109380] C67192169
T15EMITQJUB4ITPUO2INIV2QG4	VS_HHO_ATTOUTINTERRNCINTRAFIUR	NUMBER	[B67109380] C67180589
R45VHB5KVNCT4UR5YJ6ERNGAOW	VS_HHO_FOUTINTERRINTRAFIUR_CU	NUMBER	[B67109380] C67189701
S5MHRN2TC6C4FRVYMLMLDDLP4D	VS_HHO_FAILOUTTERRTRAFIUR_INCC	NUMBER	[B67109380] C67189705
UXQX5WQJUAB55T3JE5KCR5W2SY	VS_HHO_FOUTINTERRINTRAFIUR_ICF	NUMBER	[B67109380] C67189704
X3JSNWD6WEBJMBF45T3YDX3LRO	VS_HHO_FOUTINTERRINTRAFIUR_ISR	NUMBER	[B67109380] C67189703
X3O6JVV5WKC4GEF4H1MIYXN6PP	VS_HHO_FAILOUTTERRTRAFIUR_PCF	NUMBER	[B67109380] C67189702
VODTV63BR0CB6TCSOFQ4DTQISM	VS_HHO_SUCOUTINTERRNCINTRAFIUR	NUMBER	[B67109380] C67180590

7.7.14 HUA_CELL_HDWARE_RES_USG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109388] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23IHILK2AHDH6B035XKCUC6	VS_RRIUB_NONEMERCALL_UL_REJ	NUMBER	[B67109388] C67191742

UUO23IJILK2AHDH6B035XKCUC6	VS_RRIUB_NONEMERCALL_DL_REJ	NUMBER	[B67109388] C67191743
UUO23ILILK2AHDH6B035XKCUC6	VS_RRIUB_EMERCALL_UL_REJ	NUMBER	[B67109388] C67191744
UUO23INILK2AHDH6B035XKCUC6	VS_RRIUB_EMERCALL_DL_REJ	NUMBER	[B67109388] C67191745
UUO23IPILK2AHDH6B035XKCUC6	VS_RRNBCRED_NONEMERCALL_UL_REJ	NUMBER	[B67109388] C67191746
UUO23IRILK2AHDH6B035XKCUC6	VS_RRNBCRED_NONEMERCALL_DL_REJ	NUMBER	[B67109388] C67191747
UUO23ITILK2AHDH6B035XKCUC6	VS_RRNBCRED_EMERCALL_UL_REJ	NUMBER	[B67109388] C67191748
UUO23IVILK2AHDH6B035XKCUC6	VS_RRNBCRED_EMERCALL_DL_REJ	NUMBER	[B67109388] C67191749
UUCDIMBEW3BRXT2JNYE6E3YREM	VS_EMER_CALLREJECT_CODE	NUMBER	[B67109388] C67189828
V4KW5QGP3LBUFCNEBRTA6BOWJG	VS_EMER_CALLREJECT_OTHER	NUMBER	[B67109388] C67189829
W5LWRTYJLVB02TYXXRH3UXTDFI	VS_EMER_NORMCALLPREEMPT	NUMBER	[B67109388] C67179684
S34KDOD1C3CJARTIGVAG0K6QAL	VS_RRIUB_EMERCALL_REJ	NUMBER	[B67109388] C67189777
YTEUM04QNOCTUCVEG6XWJA24FU	VS_RRIUB_EMERCALL_REQ	NUMBER	[B67109388] C67189778
Y32NYG62WKCYMS2MTHGT0K2UBG	VS_RRIUB_NONEMERCALL_REJ	NUMBER	[B67109388] C67189787
TQTEONRTSVB43DJEBYVAU3FHFK	VS_RRIUB_NONEMERCALL_REQ	NUMBER	[B67109388] C67189779
UYCJBON3KNBQSR66PF4UG5GQ2F	VS_RRNBCRED_EMERCALL_REJ	NUMBER	[B67109388] C67189780
V3SR3YX1VBB3LUSFQRY44I1HL5	VS_RRNBCRED_EMERCALL_REQ	NUMBER	[B67109388] C67189788

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UH63Q12AIRBR2UPMQPFJ2DAQGQ	VS_RRNBCRED_NONEMERCALL_REJ	NUMBER	[B67109388] C67189781
VHWGCGHODBBYKR6S0XR65H1FYN	VS_RRNBCRED_NONEMERCALL_REQ	NUMBER	[B67109388] C67189789

7.7.15 HUA_CELL_HHO_GLOBAL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UU3YKDYQKRCEKCWKSIU44YVTOG	VS_HHO_ATT_IN	NUMBER	[B67109380] C67180565
XLWOJK5FWJCN1BW1M13DLK3WFQ	VS_HHO_ATTIFRQCM_DLQOS_IN	NUMBER	[B67109380] C67189686
SFHWHU6WGNBMXR0NE6XS5PPKVX	VS_HHO_ATTIFRQCM_DLQOS_OUT	NUMBER	[B67109380] C67189688
VGH1MCNMMWCMSCKFK1ASRQF1WO	VS_HHO_ATTINTERCELL_LB	NUMBER	[B67109380] C67180549
SSOFM2B0LYBXGS4DBNSTONURXY	VS_HHO_EVALIFRQ_IN_CM	NUMBER	[B67109380] C67180570
U34GOBBUG3BX5BHF6LPSL0ME2F	VS_HHO_EVALIFRQ_OUT_CM	NUMBER	[B67109380] C67180551
RLRVLDOQBBCDKD1XR2J5PETTGE	VS_HHO_EVALIN	NUMBER	[B67109380] C67189723
ROYKWBS2GTB40E324OIL1L3RS3	VS_HHO_EVALOUT	NUMBER	[B67109380] C67189722
RUOEQODNN1C1GS1DPHCLMTQJEP	VS_HHO_FAIL_CELLUPD_IN	NUMBER	[B67109380] C67180577
VB3WCSPOONBWXSBWSSKP110OP6	VS_HHO_FAIL_CFGUNSUP_IN	NUMBER	[B67109380] C67180573
TBO63YLBATCCLBY6YTSQ3OE4TC	VS_HHO_FAIL_INVCFG_IN	NUMBER	[B67109380] C67180578
RXLI14O0CTCFICSC5UUNEKI	VS_HHO_FAIL_ISR_I	NUMBER	[B67109380] C67180575

XRW	N		
WGCPA0IUOCCF5CT04VT62M5MWR	VS_HHO_FAIL_PHYCHFAIL_IN	NUMBER	[B67109380] C67180574
VYHUTC00DIBUEBMMTNSNALHF43	VS_HHO_FAIL_RACDENYDL_OUT	NUMBER	[B67109380] C67180563
TOQTOHUCTFCANRIOWTFKBOMLV5	VS_HHO_FAIL_RACDENYUL_OUT	NUMBER	[B67109380] C67180562
UTG13QHWCHBN0TDF0EGPPNYBT5	VS_HHO_FAIL_RLADDFAIL_IN	NUMBER	[B67109380] C67180583
SSHIQM05EGC6JCSOE6UE6LUYI5	VS_HHO_FAIL_RLADDFAIL_OUT	NUMBER	[B67109380] C67180584
SHP0IADJNUC50BAJ4ORVWEDNKA	VS_HHO_FAILINTERCELL_NRLY_LB	NUMBER	[B67109380] C67190402
UQDSOAKRMXCDET4NOOKH4Y6XXB	VS_HHO_PREPIN_RLSETUPFAIL	NUMBER	[B67109380] C67183928
VDWR150YDJCSJD1UKYMNMCUWBM	VS_HHO_REQRELOCPREP_RF	NUMBER	[B67109380] C67189685
THEYGSX32VBCXEW4EE4BW2BADR	VS_HHO_SUCC_IN	NUMBER	[B67109380] C67180566
XCUIN2XGVXBCIE4THAQIJOXOMG	VS_HHO_SUCCIFRQCM_DLQOS_IN	NUMBER	[B67109380] C67189687
RVFI65MJKWBV1RLIPO5CXVN0NC	VS_HHO_SUCCIFRQCM_DLQOS_OUT	NUMBER	[B67109380] C67189689
YY2YCYMHQQB1KTVBPLREYASU4A	VS_HHO_SUCCINTERCELL_LB	NUMBER	[B67109380] C67180550
UUO23I6ILK2AHDH6B035XKCUC6	VS_HHO_ATTBLINDHO	NUMBER	[B67109380] C67191694
UUO23IBILK2AHDH6B035XKCUC6	VS_HHO_SUCCBLINDHO	NUMBER	[B67109380] C67191695

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7.7.16 HUA_CELL_HHO_INTERFREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U1S5UP00SGBWLUPWBL4PPJ4EP2	VS_HHO_INTERFREQ_ATTOUT	NUMBER	[B67109380] C67183900
WG5WOQK1XPCK3T35AHRALWURSV	VS_HHO_INTERFREQ_IN_DROP	NUMBER	[B67109380] C67183925
YNUY2W2ESMBVVBAGVVSTDSH15O	VS_HHO_INTERFREQ_OUT_DROP	NUMBER	[B67109380] C67183924
SBYJ45YE05CRWEEXI4E3PRJ1PK	VS_HHO_INTERFREQ_SUCCOUT	NUMBER	[B67109380] C67183901
VUKKKBWMQUB1HELKGIORMOVHCO	VS_HHO_INTERFREQIN_ATT	NUMBER	[B67109380] C67183912
UH2FXCFS1OBL3DWAQS2JSRE1PE	VS_HHO_INTERFREQIN_CELLUPDT	NUMBER	[B67109380] C67183918
XVCCOA1N6DBITTDL4P40AFD1GU	VS_HHO_INTERFREQIN_CFGINVALID	NUMBER	[B67109380] C67183919
TEOYCQKWCDC0ET1FK1G60STUJ3	VS_HHO_INTERFREQIN_CFGUNSUPP	NUMBER	[B67109380] C67183914
YCIAM4ENLVCB2DALA4NC1EMJKE	VS_HHO_INTERFREQIN_DLADMSNDENY	NUMBER	[B67109380] C67183923
Y60KSOGRC3CYEDVMKAANHLTVA6	VS_HHO_INTERFREQIN_DLCODEREJ	NUMBER	[B67109380] C67183921
YMX2Q1YXPKBQ5UWMUD521IBRYY	VS_HHO_INTERFREQIN_FAILUSR	NUMBER	[B67109380] C67183916
UMNJIETXUEBFIDFWCM6PVVJBX4	VS_HHO_INTERFREQIN_NOREPLY	NUMBER	[B67109380] C67183920
V2OSNAEJ31BFLTQTOGBG6UW2QM	VS_HHO_INTERFREQIN_PYHCHFAIL	NUMBER	[B67109380] C67183915
WR55F1I1RDB2DEFIER5CLXP	VS_HHO_INTERFREQIN_S	NUMBER	[B67109380]

BMY	UCC		C67183913
YKJELPI1AXBMOUJ1VLJBP4ME5D	VS_HHO_INTERFREQIN_ULADMSNDENY	NUMBER	[B67109380] C67183922
V2PHXO2A66C5QBFJWAM5QUTVHR	VS_HHO_INTERFREQOUT_CELLUPDT	NUMBER	[B67109380] C67183906
UYAC33VJSOCCAC0V64G5AIVU31	VS_HHO_INTERFREQOUT_CFGINVALID	NUMBER	[B67109380] C67183907
W03PRYOWWUCLWS0CD0Q2NX02XT	VS_HHO_INTERFREQOUT_CFGUNSUPP	NUMBER	[B67109380] C67183902
YLWLJ4HD1YCGODVIMEEFCKAWK6	VS_HHO_INTERFREQOUTDLADMSNDENY	NUMBER	[B67109380] C67183911
V3DIC1F1TOB1VBOSQPR3CXJXVN	VS_HHO_INTERFREQOUT_DLCODEREJ	NUMBER	[B67109380] C67183909
XDO5IPEWB0BBTECOOQ000GR2SY	VS_HHO_INTERFREQOUT_FAILUSR	NUMBER	[B67109380] C67183904
VH3GU4BQW6BTUE2TSU4OWD3T36	VS_HHO_INTERFREQOUT_NOREPLY	NUMBER	[B67109380] C67183908
YEHYEPKDWKCRWUG2SRLH1P0NY5	VS_HHO_INTERFREQOUT_PYHCHFAIL	NUMBER	[B67109380] C67183903
UXFLE63P1ICRFC3AONOCT3NECS	VS_HHO_INTERFOUT_ULADMSNDENY	NUMBER	[B67109380] C67183910
YOG2O52TQHCM1CMF4KDYSPGESF	VS_HHO_FOUTINTERNBINTERFQINCCF	NUMBER	[B67109380] C67190883
TLGTYYTXFWBUCESKANEKJYC2DN	VS_HHO_SCOTINTERNBINTRARINTERF	NUMBER	[B67109380] C67190885
WB5H4OCTRUCTPC3R5YLVC1P4LF	VS_HHO_FOUTINTERRINTERFCN_ISR	NUMBER	[B67109380] C67190902
UEAVQCIKFICWVUI25DTU5GMEYU	VS_HHO_FOUTINTRANBINTERFINVCF	NUMBER	[B67109380] C67190882
U1EWFSJFKRBMUES0MHD0GULTJW	VS_HHO_FOUTINTRANBINTERFCFGUNS	NUMBER	[B67109380] C67190879
REEB5DUONNCCRRD345HHC	VS_HHO_FOUTINTRANBI	NUMBER	[B67109380]

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NI2HD	NTERFPHYCHF		C67190880
X4B3LLTFOFB46RW03LTC64W0O4	VS_HHO_SUCOUTINTERRNCINTERFIUR	NUMBER	[B67109380] C67190892
V2GSLMW4RTCRMTSCKPNI0JPC6U	VS_HHO_FAILOUTINTRANBINTERFISR	NUMBER	[B67109380] C67190881
VUIBURC6IWBVQRFSGMSHILGIAI	VS_HHO_FOUTTERNBTRARTERFCFGUNS	NUMBER	[B67109380] C67190886
U3U6TJHKJDCJ4T6TE5DEUSXB0Q	VS_HHO_SCOUTINTRANODEBINTERF	NUMBER	[B67109380] C67190878
XFYMR2S6ARCGREEU25E3UKQX2N	VS_HHO_FOUTTERNBTRARTERFISR	NUMBER	[B67109380] C67190888
V102TIRHKABGDUDIL5M2JJBGD1	VS_HHO_ATTOUTINTERRNCINTERFIUR	NUMBER	[B67109380] C67190891
V1Q34VU65DBPWRTJYSELMT356R	VS_HHO_FOUTINTERRINTERFIURINCC	NUMBER	[B67109380] C67190897
SN0MCL2OQ6CJLBLSAQIAD11CJJ	VS_HHO_FOUTINTERRINTERFCN_CFUN	NUMBER	[B67109380] C67190900
SQGBI5U4AKBSWBRPWOR1O6QVHK	VS_HHO_FOUTINTERRINTERFIUR_CFU	NUMBER	[B67109380] C67190893
X2NANRTR3QCIDR5LU3HYKX5S5X	VS_HHO_FOUTINTERRINTERFIURINVC	NUMBER	[B67109380] C67190896
RG6HQ6U4BCB3ADOOMQ6RF34PSF	VS_HHO_SUCCOUTINTERRNCINTERFCN	NUMBER	[B67109380] C67190899
SM6QEBNHE2B26DD6U5MKIVBWGG	VS_HHO_FOUTINTERRNCINTERFCN_IC	NUMBER	[B67109380] C67190903
YVT4KEJAURCUIS1P11TYJJPPIF	VS_HHO_ATOUINTERNBINTRARINTERF	NUMBER	[B67109380] C67190884
SV2YI3W6OBCQDU515H6R3JSH1B	VS_HHO_FAILOTERNBTRARINTERF_IC	NUMBER	[B67109380] C67190889
SP1YA6DNIPCQDE224AF064I52E	FAILOUTINTERNBINTRARINTERF_ICF	NUMBER	[B67109380] C67190890
XDUINFOMVKBJLS3S4A1I5V4KG3	VS_HHO_FOUTINTERRINTERFIURPCF	NUMBER	[B67109380] C67190894
SU6DUPO5B4B3GUOHIOKRPEHUCM	VS_HHO_FOUTINTERRINTERFCN_ICF	NUMBER	[B67109380] C67190904

XU2LBFG5TFCDLRT5XRYYC14WCX	VS_HHO_ATTOUTINTRANODEBINTERF	NUMBER	[B67109380] C67190877
UC2JXWASO3B1VRUKP2CVWJ5PCV	VS_HHO_FOUTINTERRINTERFCN_PCF	NUMBER	[B67109380] C67190901
X2KANC1IBKCS4EV0OKGTU26Q31	FAILOUTINTERNBINTRARINTERF_PCF	NUMBER	[B67109380] C67190887
RY1QY6HDUQBWVTIMC120UNJ5L6	VS_HHO_FOUTINTERRINTERFIURISR	NUMBER	[B67109380] C67190895
RQVSFALKG1CBBERBIMG3J35IW6	VS_HHO_ATTOUTINTERRNCINTERFCN	NUMBER	[B67109380] C67190898
YEARPNVUPW2AHRHR0035XVPKR0	B67109380_C67192551	NUMBER	[B67109380] C67192551
YEARPNXUPW2AHRHR0035XVPKR0	B67109380_C67192552	NUMBER	[B67109380] C67192552
YEARPO4UPW2AHRHR0035XVPKR0	B67109380_C67192555	NUMBER	[B67109380] C67192555
YEARPOBUPW2AHRHR0035XVPKR0	B67109380_C67192557	NUMBER	[B67109380] C67192557
YEARPOFUPW2AHRHR0035XVPKR0	B67109380_C67192559	NUMBER	[B67109380] C67192559
YEARPOJUPW2AHRHR0035XVPKR0	B67109380_C67192561	NUMBER	[B67109380] C67192561
YEARPOVUPW2AHRHR0035XVPKR0	B67109380_C67193709	NUMBER	[B67109380] C67193709
YEARPOXUPW2AHRHR0035XVPKR0	B67109380_C67193710	NUMBER	[B67109380] C67193710
XLSNXNHLUI2AIDKRB02OFAWJHK	HHO_INTERFREQOUTCS_MEASTIMEOUT	NUMBER	[B67109380] C67193397
XLSNXNJLUI2AIDKRB02OFAWJHK	HHO_INTERFREQOUTPS_MEASTIMEOUT	NUMBER	[B67109380] C67193398
XLSNXNLLUI2AIDKRB02OFAWJHK	HHO_INTERFREQ_CS_OUT_TRIGRSCP	NUMBER	[B67109380] C67193401

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XLSNXNNLUI2AIDKRB02OFAWJHK	HHO_INTERFREQ_CS_OUT_TRIGECIO	NUMBER	[B67109380] C67193402
XLSNXNPLUI2AIDKRB02OFAWJHK	HHO_INTERFREQ_PS_OUT_TRIGRSCP	NUMBER	[B67109380] C67193403
XLSNXNRLUI2AIDKRB02OFAWJHK	HHO_INTERFREQ_PS_OUT_TRIGECIO	NUMBER	[B67109380] C67193404

7.7.17 HUA_CELL_HHO_INTERRNCCN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XBMFELXAHK26SDGMB00HW05BPA	HHO_ATTOUTINTERRCN	NUMBER	[B67109380] C67189716_R6
XBO0QG6AHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRCN_CFGUNS	NUMBER	[B67109380] C67189718_R6
XBPP2OPAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRCN_ISR	NUMBER	[B67109380] C67189720_R6
XBRK106AHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRCN_INCCFG	NUMBER	[B67109380] C67189725_R6
XBT53HHAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERRCN_PCF	NUMBER	[B67109380] C67189719_R6
UB2WGTLIYY2AHDHA0035XKCUC6	HHO_FAILOUTINTERRNCCN_INVCFG	NUMBER	[B67109380] C67192176
W0U64MTK4W2AHDHB0035XKCUC6	FAILOUTINTERRNCCN_CFGUNSUP	NUMBER	[B67109380] C67192173
W0U64MVK4W2AHDHB0035XKCUC6	FAILOUTINTERRNCCN_PHYCHFAIL	NUMBER	[B67109380] C67192174
W0U64MXK4W2AHDHB0035XKCUC6	FAILOUTINTERRNCCN_ISR	NUMBER	[B67109380] C67192175
W0U64N0K4W2AHDHB0035XKCUC6	FAILOUTINTERRNCCN_INCOMPCFG	NUMBER	[B67109380] C67192177

RT5AVT01O4CI5BP30660DPRQFH	HHO_ATTRELOCPREPOUTINTERRNCCN	NUMBER	[B67109380] C67189706
SFBLLF2VP0CWPCM6E3021TD5UU	HHO_FAILRELPROUTINTERRCN_NRAV	NUMBER	[B67109380] C67189708
VVK5DIADDGBQHEJQDXJ0ILL2RS	HHO_FAILRELPREOUTINTERRNCCN_OM	NUMBER	[B67109380] C67189713
R6DOVHCMG5BR1RJOD3FNS5UH1M	HHO_FRELPROUTINTERRCN_RELTGNAL	NUMBER	[B67109380] C67189712
V56IMO0ITHBEJRTY4EFAEBSKYS	HHO_FAILRELPREPOUTINTERRCN_RU	NUMBER	[B67109380] C67189714
UDOHI65X2YBBHBWENVSXU2J462	HHO_FRELPREPOUTINTERRCN_RNSP	NUMBER	[B67109380] C67189711
SMOG3CHIDVB1GD3TMQDLEWJLEE	HHO_FAILRELPREOUTINTERRNCCN_TE	NUMBER	[B67109380] C67189709
VNBT5GCUM4CKKESNAIR5UWE46Y	HHO_FRELPREPOUTINTERRNCCN_TGTF	NUMBER	[B67109380] C67189710
XLXXE0RRLPCINEBM66QJDKW6DG	HHO_FAILRELPROUTINTERRCNUNSPFA	NUMBER	[B67109380] C67189715
T3WIMQGD5QB3UCDGJVTTNRCHBP	HHO_SUCATTRELPREPOUTINTERRNCCN	NUMBER	[B67109380] C67189707

7.7.18 HUA_CELL_HHO_INTRAFREQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TCWACPQ5I3B6OSILF0QEGISDFK	VS_HHO_ATTOUTTERNBINTRARINTRAF	NUMBER	[B67109380] C67180587
XXLNEJRYO6CRHDVLR00T	VS_HHO_ATTOUTINTERR	NUMBER	[B67109380]

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NMTDWT	NCINTRAFCN		C67189716
WOXF0K3BC0B3RSBVSG1K2W20TM	VS_HHO_ATTOUTINTRANODEBINTRAF	NUMBER	[B67109380] C67180585
SXN6PCVMPDCORCRNDE22WGTPPY	VS_HHO_FOUTTERNBTRARNCTRAFCUN	NUMBER	[B67109380] C67189696
YCAMRGPP2TCVORCMC4XGW2DVYY	FOUTINTERNBINTRARNCINTRAF_IC	NUMBER	[B67109380] C67189700
TWQ2TTD05KCEDBLSG54R411GLN	VS_HHO_FOUTTERNBTRARINTRAF_IC	NUMBER	[B67109380] C67189699
UII02CE2MMBUODH1ALSFA5X6BY	VS_HHO_FOUTTERNBINTRARTRAF_ISR	NUMBER	[B67109380] C67189698
TFRVDRIYKDCQQD22LGAFQBA5SB	FAILOUTINTERNBINTRARINTRAF_PCF	NUMBER	[B67109380] C67189697
X4T6BSPSCYB64DT1GC4UAMJDE0	VS_HHO_FAIOUTINTERRINTRAFCN_CU	NUMBER	[B67109380] C67189718
S042QWKYVGBNIDHQK0RD326JOS	VS_HHO_FOUTINTERRNCINTRAFCN_IC	NUMBER	[B67109380] C67189725
XFW5BUTH5QB6MUNUR1LMWTIEYB	VS_HHO_FOUTINTERRINTRAFCN_INVC	NUMBER	[B67109380] C67189724
XYHPPV2HCDBBBTCQ1NG2S2BXDB	VS_HHO_FOUTINTERRINTRAFCN_ISR	NUMBER	[B67109380] C67189720
Y5M1PV3LBBC3ECCPNVX1T5LIM3	VS_HHO_FOUTINTERRINTRAFCN_PHCF	NUMBER	[B67109380] C67189719
TK13RHAT2YB25EHSGCCFEJEQAJ	VS_HHO_FOUTINTRANBINTRAF_CFUNS	NUMBER	[B67109380] C67189691
WJWL0Q5KL1C5DTSONPHYHIOTFI	VS_HHO_FOUTINTRANBINTRAF_INCCF	NUMBER	[B67109380] C67189695
TEX4YFXFS3B3KEW43UFHCGPWNN	VS_HHO_FAILOUTINTRANBINTRAF_IC	NUMBER	[B67109380] C67189694
WKT3CKUWU4CYUEN63SLJS4QGS6	VS_HHO_FOUTINTRANBINTRAF_ISR	NUMBER	[B67109380] C67189693
URRK6N5E3RCECE64GHML54FGKY	VS_HHO_FAIOUTINTRANBINTRAF_PCF	NUMBER	[B67109380] C67189692
UGEM2HXYYKCYVR4AY2OPDKRVGC	VS_HHO_INTRAFREQ_IN_DROP	NUMBER	[B67109380] C67183927

RSSC4O5XJDBGABXKNB0BDKKDWQ	VS_HHO_INTRAFREQ_OUT_DROP	NUMBER	[B67109380] C67183926
W3M0J6GODVBRQBQIN6QVCL4NQM	VS_HHO_SUCOINTERNBINTRARINTRAF	NUMBER	[B67109380] C67180588
VJJ1S4QTNQCBUTWNPGW1YN4QOC	VS_HHO_SUCCOUTINTERRNCINTRAFCN	NUMBER	[B67109380] C67189717
XRYU6GA6S0B6BTG3IH45GIBG0Q	VS_HHO_SUCCOUTINTRANODEBINTRAF	NUMBER	[B67109380] C67180586
XBWCRV2AHK26SDGMB00HW05BPA	HHO_ATTOUTINTERNINTRAR	NUMBER	[B67109380] C67180587_R6
XBY3SPTAHK26SDGMB00HW05BPA	HHO_ATTOUTINTRAN	NUMBER	[B67109380] C67180585_R6
XC0YO1HAHK26SDGMB00HW05BPA	HHO_FAILOUTINTERNINTRAR_INVCFG	NUMBER	[B67109380] C67189699_R6
XC2N2B2AHK26SDGMB00HW05BPA	HHO_FAILOUTINTERNINTRAR_PCF	NUMBER	[B67109380] C67189697_R6
XC4GBPHAHK26SDGMB00HW05BPA	HHO_FAILOUTINTRAN_ISR	NUMBER	[B67109380] C67189693_R6
XC6BG3DAHK26SDGMB00HW05BPA	HHO_SUCCOUTINTERNINTRAR	NUMBER	[B67109380] C67180588_R6
YEARPNRUPW2AHRHR0035XVPKR0	B67109380_C67193708	NUMBER	[B67109380] C67193708
YEARPNTUPW2AHRHR0035XVPKR0	B67109380_C67192770	NUMBER	[B67109380] C67192770
YEARPO0UPW2AHRHR0035XVPKR0	B67109380_C67192553	NUMBER	[B67109380] C67192553
YEARPO2UPW2AHRHR0035XVPKR0	B67109380_C67192554	NUMBER	[B67109380] C67192554
YEARPO6UPW2AHRHR0035XVPKR0	B67109380_C67192556	NUMBER	[B67109380] C67192556
YEARPODUPW2AHRHR0035XVPKR0	B67109380_C67192558	NUMBER	[B67109380] C67192558

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YEARPOHUPW2AHRHR0035XVPKR0	B67109380_C67192560	NUMBER	[B67109380] C67192560
YEARPOTUPW2AHRHR0035XVPKR0	B67109380_C67192614	NUMBER	[B67109380] C67192614

7.7.19 HUA_CELL_HHO_INTRANB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGTXIYY2AHDHA0035XKCUC6	VS_HHO_FAILOUTINTRANB_CFGUNSUP	NUMBER	[B67109380] C67192158
UB2WGU0IYY2AHDHA0035XKCUC6	VS_HHO_FAILOUTINTRANB_INCOCFG	NUMBER	[B67109380] C67192162
UB2WGU2IYY2AHDHA0035XKCUC6	VS_HHO_FAILOUTINTRANB_INVCFG	NUMBER	[B67109380] C67192161
UB2WGU4IYY2AHDHA0035XKCUC6	VS_HHO_FAILOUTINTRANB_ISR	NUMBER	[B67109380] C67192160
UB2WGU6IYY2AHDHA0035XKCUC6	VS_HHO_FAILOUTINTRANB_PHCHFAIL	NUMBER	[B67109380] C67192159

7.7.20 HUA_CELL_HHO_NBRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGTBIYY2AHDHA0035XKCUC6	HHO_FAILOINTENBINTRRN_CFGUNSUP	NUMBER	[B67109380] C67192163
UB2WGTDIYY2AHDHA0035XKCUC6	HHO_FAILOINTENBINTRRN_INCOCFG	NUMBER	[B67109380] C67192167
UB2WGTFIYY2AHDHA0035	HHO_FAILOINTENBIN	NUMBER	[B67109380] C67192166

XKCUC6	TRRN_INVCFG		
UB2WGTHIYY2AHDHA0035XKCUC6	HHO_FAILOINTENBINTRRN_ISR	NUMBER	[B67109380] C67192165
UB2WGTJIYY2AHDHA0035XKCUC6	HHO_FAILOINTENBINTRRN_PHCHFAIL	NUMBER	[B67109380] C67192164

7.7.21 HUA_CELL_HSDPA_MOBILITY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109390] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TLDWAF1G4VBN5UAEO0OQ02Y4NG	VS_HSDPA_CELLCHG_ATTOUTINTRNC	NUMBER	[B67109390] C67190698
WPL0Y54JV6B6HCFP0PMKTPIWE3	VS_HSDPA_CELLCHG_SUCCOUTINTRNC	NUMBER	[B67109390] C67190699
SYARCGQRI4CW5EWFJGUK0OL1LY	VS_HSDPA_CHR_DCHTOHSDSCH	NUMBER	[B67109390] C67189830
SIRCIUEIRKCVTSNTG11SHW3L25	VS_HSDPA_CHR_DCHTOHSDSCH_ATT	NUMBER	[B67109390] C67190693
TOVAAEO3K0BFFSIMSY2B402IPR	VS_HSDPA_CHR_DCHTOHSDSCH_MRLAT	NUMBER	[B67109390] C67190694
X2WE101JX0BNOCP0GQ1WMO2VXF	VS_HSDPA_CHRDCHHSDSCHMULTRLSUC	NUMBER	[B67109390] C67190695
URACDSGS2DCETCVE2WUVMORU1V	VS_HSDPA_CHR_FACHTOHSDSCH	NUMBER	[B67109390] C67189831
VHGI4GONBSCEWRK4MCBVGGJ6FS	VS_HSDPA_CHR_FACHTOHSDSCH_ATT	NUMBER	[B67109390] C67190696
YW45MTYNVCBD4EHXQFK5LSM6OK	VS_HSDPA_CHR_HSDSCHTODCH	NUMBER	[B67109390] C67189832

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TWGUBQMSXJC05U231BHDVOLQBY	VS_HSDPA_CHR_HSDSCHTODCH_ATT	NUMBER	[B67109390] C67190690
XHW1NB4C61CSMSSKXBDUOBBYAA	VS_HSDPA_CHRHSDSCHDCHMULTRLAT	NUMBER	[B67109390] C67190691
YSP1EQQG54CLORPQCSD6T36JC0	VS_HSDPA_CHRHSDSCHDCHMULTRLSUC	NUMBER	[B67109390] C67190692
R33NWFMRMYB5RT5T052E4BW6AY	VS_HSDPA_CHR_HSDSCHTOFACH	NUMBER	[B67109390] C67189833
UNQA5DTS1GCDHED4EYAYHYQBVB	VS_HSDPA_CHR_HSDSCHTOFACH_ATT	NUMBER	[B67109390] C67190697
RDKMO1SPJPCXKBT01H4RAXSU1S	VS_HSDPA_HHO_ATTOUTTRARNCTERF	NUMBER	[B67109390] C67190702
W3AKBBCSDSBVNRRHXVG4XRLMJE	VS_HSDPA_HHO_ATOUTINTRARINTRAF	NUMBER	[B67109390] C67190700
UPK4K31EYUBXDCFLIVIJYCIBJF	VS_HSDPA_HHO_H2DATOUTTRARTERF	NUMBER	[B67109390] C67191159
YOCRACCQXXBFPB4C0AFR5CAQXD	VS_HSDPA_HHO_H2DATTOUTTRARTRAF	NUMBER	[B67109390] C67191157
USGJY1NESWBTHCMM2MEWGYTHB3	VS_HSDPA_HHO_H2DSUCOUTTRARTERF	NUMBER	[B67109390] C67191160
UGOREEIE4KBD4C4FMG6M40C15G	VS_HSDPA_HHO_H2DSUCOUTTRARTRAF	NUMBER	[B67109390] C67191158
YEW3NKU5HMB0NUVRHXTUTI0O6W	VS_HSDPA_HHOSCOUTINTRNCINTERF	NUMBER	[B67109390] C67190703
V2I46ST2PTBQJUPX4AIN6HI6HK	VS_HSDPA_HHOSCOUTINTRNCINTRAF	NUMBER	[B67109390] C67190701
XD0GL0DAHK26SDGMB00HW05BPA	VS_HSDPA_HHO_INTRAF_NOCHR_AT	NUMBER	[B67109390] C67190700_R6
XD2215HAHK26SDGMB00HW05BPA	VS_HSDPA_HHO_INTRAF_NOCHR_SUC	NUMBER	[B67109390] C67190701_R6
XD3Q0NHAHK26SDGMB00HW05BPA	VS_HSDPA_SERVCELLCHGAT	NUMBER	[B67109390] C67190698_R6
YEARPRTUPW2AHRHR0035XVPKR0	B67109390_C67195481	NUMBER	[B67109390] C67195481
YEARPRVUPW2AHRHR0035	B67109390_C67195482	NUMBER	[B67109390] C67195482

XVPKR0			
YEARPRXUPW2AHRHR0035 XVPKR0	B67109390_C67195483	NUMBER	[B67109390] C67195483
YEARPS0UPW2AHRHR0035X VPKR0	B67109390_C67195484	NUMBER	[B67109390] C67195484

7.7.22 HUA_CELL_HSDPA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109390] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPRHUPW2AHRHR0035 XVPKR0	B67109390_C67204510	FLOAT	[B67109390] C67204510
YEARPRJUPW2AHRHR0035X VPKR0	B67109390_C67194867	NUMBER	[B67109390] C67194867
YEARPRLUPW2AHRHR0035X VPKR0	B67109390_C67204511	FLOAT	[B67109390] C67204511
YEARPRNUPW2AHRHR0035 XVPKR0	B67109390_C67194869	NUMBER	[B67109390] C67194869
YEARPRPUPW2AHRHR0035X VPKR0	B67109390_C67204512	FLOAT	[B67109390] C67204512
YEARPRRUPW2AHRHR0035X VPKR0	B67109390_C67194871	NUMBER	[B67109390] C67194871
YEARQAVUPW2AHRHR0035 XVPKR0	B67109390_C67195508	NUMBER	[B67109390] C67195508
YEARQAXUPW2AHRHR0035 XVPKR0	B67109390_C67195509	NUMBER	[B67109390] C67195509
YEARQB0UPW2AHRHR0035X VPKR0	B67109390_C67195511	NUMBER	[B67109390] C67195511

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YEARQB2UPW2AHRHR0035XVPKR0	B67109390_C67195512	NUMBER	[B67109390] C67195512
UFJTSWW02X2AHSR1B035YIJPVO	HSDPA_RAB_ATTESTAB_BE_GOLDEN	NUMBER	[B67109390] C67195507
UFJTSWY02X2AHSR1B035YIJPVO	HSDPA_RAB_SUCCESTAB_BE_GOLDEN	NUMBER	[B67109390] C67195510
XLSNXORLUI2AIDKRB02OFAWJHK	VS_HSDPA_MEANGOLDENBECHTHRP	NUMBER	[B67109390] C67194868
XLSNXOTLUI2AIDKRB02OFAWJHK	VS_HSDPA_MEANSILVERBECHTHRP	NUMBER	[B67109390] C67194870
XLSNXOVLUI2AIDKRB02OFAWJHK	VS_HSDPA_MEANCOPPERBECHTHRP	NUMBER	[B67109390] C67194872
UFJKREA6KJBCIC6DFOTQLWSDPR	VS_HSDPA_MACD_ABNORMREL	NUMBER	[B67109390] C67190689
TJTIH51DKUBE1CUG30J0XP0X4X	VS_HSDPA_MACD_MEAN_CELL	FLOAT	[B67109390] C67202941
SIAC6LBUW1CQSEE0GWEREAGCGN	VS_HSDPA_MACD_REL	NUMBER	[B67109390] C67190688
XX0CCSV3GYBAUBU1N0LTR3WJ5O	VS_HSDPA_MACDFAILDELPERCELL	NUMBER	[B67109390] C67189837
W0KQ03B2T5CNRCJQWMJTAT1320	VS_HSDPA_MACDFAILSTPPERCELL	NUMBER	[B67109390] C67189836
UN1SYUYXP4BAFB12LMST061L40	VS_HSDPA_MACDSUCCDELPERCELL	NUMBER	[B67109390] C67189835
VTGA0RYRESBINR5FYJNFBONNSK	VS_HSDPA_MACDSUCCSTPPERCELL	NUMBER	[B67109390] C67189834
XE23TD6C10BBMSLWO1P44E554G	VS_HSDPA_MEANCHTHROUGHPUT	FLOAT	[B67109390] C67202894
UMGQYAOWA5CWOSND02EONF5QEK	VS_HSDPA_MEANCHTHRUPUT_TIMES	NUMBER	[B67109390] C67190567
S0XLHFMT0VCQJR4U4BTJUVKS3Y	VS_HSDPA_MEANCHTHRUPUT_TOTBYTE	NUMBER	[B67109390] C67189840
V62JYYBAEOCAKS2KPTEC0UHLFW	VS_HSDPA_RAB_ATTESTAB	NUMBER	[B67109390] C67190704
TTPLDITVBCBK5D6YPLBI40	VS_HSDPA_RAB_LOSS	NUMBER	[B67109390] C67191162

YVCV	_ABNORM_NONRF		
XP2CL4L6ICBNHB12PEFD332CTQ	VS_HSDPA_RAB_LOSS_INACTIVITY	NUMBER	[B67109390] C67191161
SYYK6GUHX6CXGU4RQPD6GRQAQY	VS_HSDPA_RAB_LOSS_NORM	NUMBER	[B67109390] C67191164
TCTD2MJH42BG1S1LV0W5XIRMDE	VS_HSDPA_RAB_LOSS_RF	NUMBER	[B67109390] C67191163
YCWK3OI1KQBMBUUQHLFINOYBCB	VS_HSDPA_RAB_SUCCESTAB	NUMBER	[B67109390] C67190705
V6GGGCF1YDB0UUKSURFB5ECNMW	VS_HSDPA_UE_MEAN_CELL	FLOAT	[B67109390] C67202932

7.7.23 HUA_CELL_HSDPATHRPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109413] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXV0LUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_0	NUMBER	[B67109413] C67196050
XLSNXV2LUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_1	NUMBER	[B67109413] C67196051
XLSNXV4LUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_2	NUMBER	[B67109413] C67196052
XLSNXV6LUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_3	NUMBER	[B67109413] C67196053
XLSNXVBLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_4	NUMBER	[B67109413] C67196054
XLSNXVDLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_5	NUMBER	[B67109413] C67196055

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XLSNXVFLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_6	NUMBER	[B67109413] C67196056
XLSNXVHLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_7	NUMBER	[B67109413] C67196057
XLSNXVJLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_8	NUMBER	[B67109413] C67196058
XLSNXVLLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_9	NUMBER	[B67109413] C67196059
XLSNXVNLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_10	NUMBER	[B67109413] C67196060
XLSNXVPLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_11	NUMBER	[B67109413] C67196061
XLSNXVRLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_12	NUMBER	[B67109413] C67196062
XLSNXVTLUI2AIDKRB02OFAWJHK	HSDPA_GOLDENBECHTHROUGHPUT_13	NUMBER	[B67109413] C67196063
XLSNXVVLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_0	NUMBER	[B67109413] C67196064
XLSNXVXLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_1	NUMBER	[B67109413] C67196065
XLSNXW0LUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_2	NUMBER	[B67109413] C67196066
XLSNXW2LUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_3	NUMBER	[B67109413] C67196067
XLSNXW4LUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_4	NUMBER	[B67109413] C67196068
XLSNXW6LUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_5	NUMBER	[B67109413] C67196069
XLSNXWBLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_6	NUMBER	[B67109413] C67196070
XLSNXWDLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_7	NUMBER	[B67109413] C67196071
XLSNXWFLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_8	NUMBER	[B67109413] C67196072
XLSNXWHLUI2AIDKRB02	HSDPA_SILVERBECHTH	NUMBER	[B67109413] C67196073

OFAWJHK	ROUGHPUT_9		
XLSNXWJLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_10	NUMBER	[B67109413] C67196074
XLSNXWLLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_11	NUMBER	[B67109413] C67196075
XLSNXWNLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_12	NUMBER	[B67109413] C67196076
XLSNXWPLUI2AIDKRB02OFAWJHK	HSDPA_SILVERBECHTHROUGHPUT_13	NUMBER	[B67109413] C67196077
XLSNXWRLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_0	NUMBER	[B67109413] C67196078
XLSNXWTLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_1	NUMBER	[B67109413] C67196079
XLSNXWVLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_2	NUMBER	[B67109413] C67196080
XLSNXWXLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_3	NUMBER	[B67109413] C67196081
XLSNXX0LUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_4	NUMBER	[B67109413] C67196082
XLSNXX2LUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_5	NUMBER	[B67109413] C67196083
XLSNXX4LUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_6	NUMBER	[B67109413] C67196084
XLSNXX6LUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_7	NUMBER	[B67109413] C67196085
XLSNXXBLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_8	NUMBER	[B67109413] C67196086
XLSNXXDLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_9	NUMBER	[B67109413] C67196087
XLSNXXFLUI2AIDKRB02OFAWJHK	HSDPA_COPPERBECTHROUGHPUT_10	NUMBER	[B67109413] C67196088
XLSNXXHLUI2AIDKRB02O	HSDPA_COPPERBECTH	NUMBER	[B67109413] C67196089

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FAWJHK	HROUGHPUT_11		
XLSNXXJLUI2AIDKRB02O FAWJHK	HSDPA_COPPERBECHT HROUGHPUT_12	NUMBER	[B67109413] C67196090
XLSNXXLLUI2AIDKRB02O FAWJHK	HSDPA_COPPERBECHT HROUGHPUT_13	NUMBER	[B67109413] C67196091

7.7.24 HUA_CELL_HSDPAUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109390] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXOXLUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT1_6	FLOAT	[B67109390] C67196127
XLSNXP0LUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT7_10	FLOAT	[B67109390] C67196130
XLSNXP2LUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT11_12	FLOAT	[B67109390] C67196133
XLSNXP4LUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT13_14	FLOAT	[B67109390] C67196136
XLSNXP6LUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT15_16	FLOAT	[B67109390] C67196139
XLSNXPBLUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MAX_CAT17_20	FLOAT	[B67109390] C67196142
XLSNXPDLUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MEAN_CAT1_6	FLOAT	[B67109390] C67204813
XLSNXPFLUI2AIDKRB02O FAWJHK	VS_HSDPA_UE_RATIO_MEAN_CAT7_10	FLOAT	[B67109390] C67204814
XLSNXPHLUI2AIDKRB02O FAWJHK	HSDPA_UE_RATIO_MEAN_CAT11_12	FLOAT	[B67109390] C67204815
XLSNXPJLUI2AIDKRB02O FAWJHK	HSDPA_UE_RATIO_MEAN_CAT13_14	FLOAT	[B67109390] C67204816
XLSNXPLLUI2AIDKRB02O FAWJHK	HSDPA_UE_RATIO_MEAN_CAT15_16	FLOAT	[B67109390] C67204817

XLSNXPNLUI2AIDKRB02OFAWJHK	HSDPA_UE_RATIO_MEAN_CAT17_20	FLOAT	[B67109390] C67204818

7.7.25 HUA_CELL_HSUPA_MOBILITY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109471] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPSTUPW2AHRHR0035XVPKR0	B67109471_C67195485	NUMBER	[B67109471] C67195485
YEARPSVUPW2AHRHR0035XVPKR0	B67109471_C67195486	NUMBER	[B67109471] C67195486
YEARPSXUPW2AHRHR0035XVPKR0	B67109471_C67195487	NUMBER	[B67109471] C67195487
YEARPT0UPW2AHRHR0035XVPKR0	B67109471_C67195488	NUMBER	[B67109471] C67195488
TSXFA5PJEU2AHDHAJ035XKCUC6	HSUPA_EDCHTOFACH_ATT	NUMBER	[B67109471] C67192480
TSXFA5RJEU2AHDHAJ035XKCUC6	HSUPA_EDCHTOFACH_SUCC	NUMBER	[B67109471] C67192481
TSXFA5TJEU2AHDHAJ035XKCUC6	HSUPA_FACHTOEDCH_ATT	NUMBER	[B67109471] C67192482
TSXFA5VJEU2AHDHAJ035XKCUC6	HSUPA_FACHTOEDCH_SUCC	NUMBER	[B67109471] C67192483
TSXFA5XJEU2AHDHAJ035XKCUC6	HSUPA_INTERFREQ_EDCH2DCH_ATT	NUMBER	[B67109471] C67192475
TSXFA60JEU2AHDHAJ035XKCUC6	HSUPA_INTERFREQ_EDCHTODCH_SUCC	NUMBER	[B67109471] C67192474
TSXFA62JEU2AHDHAJ035XKCUC6	HSUPA_INTRACELL_DCHTOEDCH_ATT	NUMBER	[B67109471] C67192477

TSXFA64JEU2AHDHAJ035XKCUC6	HSUPA_INTRACELL_DCHTOEDCH_SUCC	NUMBER	[B67109471] C67192476
TSXFA66JEU2AHDHAJ035XKCUC6	HSUPA_INTRACELL_EDCHTODCH_ATT	NUMBER	[B67109471] C67192471
TSXFA6BJEU2AHDHAJ035XKCUC6	HSUPA_INTRACELL_EDCHTODCH_SUCC	NUMBER	[B67109471] C67192470
TSXFA6DJEU2AHDHAJ035XKCUC6	HSUPA_INTRAFREQ_EDCHTODCH_ATT	NUMBER	[B67109471] C67192473
TSXFA6FJEU2AHDHAJ035XKCUC6	HSUPA_INTRAFREQ_EDCHTODCH_SUCC	NUMBER	[B67109471] C67192472
TSXFA6HJEU2AHDHAJ035XKCUC6	HSUPA_EDCH_SHO_ATT	NUMBER	[B67109471] C67192367
TSXFA6JJEU2AHDHAJ035XKCUC6	HSUPA_EDCH_SHO_SUCC	NUMBER	[B67109471] C67192368
TSXFA6LJEU2AHDHAJ035XKCUC6	HSUPA_HHO_INTERFREQ_NOCHR_ATT	NUMBER	[B67109471] C67192374
TSXFA6NJEU2AHDHAJ035XKCUC6	HSUPA_HHO_INTERFREQ_NOCHR_SUCC	NUMBER	[B67109471] C67192373
TSXFA6PJEU2AHDHAJ035XKCUC6	HSUPA_HHO_INTRAFREQ_NOCHR_ATT	NUMBER	[B67109471] C67192372
TSXFA6RJEU2AHDHAJ035XKCUC6	HSUPA_HHO_INTRAFREQ_NOCHR_SUCC	NUMBER	[B67109471] C67192371

7.7.26 HUA_CELL_HSUPA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109471] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPT2UPW2AHRHR0035XVPKR0	B67109471_C67204513	FLOAT	[B67109471] C67204513
YEARPT4UPW2AHRHR0035XVPKR0	B67109471_C67194873DIFF	NUMBER	[B67109471] C67194873
YEARPT6UPW2AHRHR0035	B67109471_C67204514	FLOAT	[B67109471] C67204514

XVPKR0			
YEARPTBUPW2AHRHR0035XVPKR0	B67109471_C67194875DIFF	NUMBER	[B67109471] C67194875
YEARPTDUPW2AHRHR0035XVPKR0	B67109471_C67204515	FLOAT	[B67109471] C67204515
YEARPTFUPW2AHRHR0035XVPKR0	B67109471_C67194889DIFF	NUMBER	[B67109471] C67194889
YEARQBNUPW2AHRHR0035XVPKR0	B67109471_C67192969	NUMBER	[B67109471] C67192969
YEARQBPUPW2AHRHR0035XVPKR0	B67109471_C67192970	NUMBER	[B67109471] C67192970
YEARQBRUPW2AHRHR0035XVPKR0	B67109471_C67192971	NUMBER	[B67109471] C67192971
YEARQBTUPW2AHRHR0035XVPKR0	B67109471_C67192972	NUMBER	[B67109471] C67192972
YEARQBVUPW2AHRHR0035XVPKR0	B67109471_C67192973	NUMBER	[B67109471] C67192973
YEARQBXUPW2AHRHR0035XVPKR0	B67109471_C67192974	NUMBER	[B67109471] C67192974
XLSNY54LUI2AIDKRB02OFAWJHK	VS_HSUPA_GOLDENBEMEANCHTHRPT	NUMBER	[B67109471] C67194874
XLSNY56LUI2AIDKRB02OFAWJHK	VS_HSUPA_SILVERBEMEANCHTHRPT	NUMBER	[B67109471] C67194876
XLSNY5BLUI2AIDKRB02OFAWJHK	VS_HSUPA_COPPERBEMEANCHTHRPT	NUMBER	[B67109471] C67194890
TSXFAAFJEU2AHDHAJ035XKCUC6	HSUPA_MACDFAILDELPERCELL	NUMBER	[B67109471] C67192113
TSXFAAHJEU2AHDHAJ035XKCUC6	HSUPA_MACDFAILSTPPERCELL	NUMBER	[B67109471] C67192111
TSXFAAJJEU2AHDHAJ035XKCUC6	HSUPA_MACDSUCCDELPERCELL	NUMBER	[B67109471] C67192112
TSXFAALJEU2AHDHAJ035	HSUPA_MACDSUCCST	NUMBER	[B67109471] C67192110

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XKCUC6	PPERCELL		
TSXFAANJEU2AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT	FLOAT	[B67109471] C67203932
TSXFAAPJEU2AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT_TIMES	NUMBER	[B67109471] C67192487
TSXFAARJEU2AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT_TOTBYTE	NUMBER	[B67109471] C67192486
TSXFAATJEU2AHDHAJ035XKCUC6	HSUPA_RAB_ATTESTAB	NUMBER	[B67109471] C67192114
TSXFAAVJEU2AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_ABNORM	NUMBER	[B67109471] C67192364
TSXFAAXJEU2AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_NORM	NUMBER	[B67109471] C67192365
TSXFAB0JEU2AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_UEGEN	NUMBER	[B67109471] C67192366
TSXFAB2JEU2AHDHAJ035XKCUC6	HSUPA_RAB_SUCCESTAB	NUMBER	[B67109471] C67192115
TSXFAB4JEU2AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_ATT	NUMBER	[B67109471] C67192370
TSXFAB6JEU2AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_SUCC	NUMBER	[B67109471] C67192369
TSXFABFJEU2AHDHAJ035XKCUC6	VS_HSUPA_UE_MEAN_CELL	FLOAT	[B67109471] C67203850

7.7.27 HUA_CELL_HSUPART_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109471] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY5DLUI2AIDKRB02OFAWJHK	VS_HSUPA_UE_RATIO_MAX_CAT1_5	FLOAT	[B67109471] C67196145
XLSNY5FLUI2AIDKRB02OFAWJHK	VS_HSUPA_UE_RATIO_MAX_CAT6	FLOAT	[B67109471] C67196148

XLSNY5HLUI2AIDKRB02OFAWJHK	VS_HSUPA_UE_RATIO_MEAN_CAT1_5	FLOAT	[B67109471] C67204819
XLSNY5JLUI2AIDKRB02OFAWJHK	VS_HSUPA_UE_RATIO_MEAN_CAT6	FLOAT	[B67109471] C67204820

7.7.28 HUA_CELL_HSUPATHRPT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109413] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXXNLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_0	NUMBER	[B67109413] C67196092
XLSNXXPLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_1	NUMBER	[B67109413] C67196093
XLSNXXRLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_2	NUMBER	[B67109413] C67196094
XLSNXXTLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_3	NUMBER	[B67109413] C67196095
XLSNXXVLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_4	NUMBER	[B67109413] C67196096
XLSNXXXLUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_5	NUMBER	[B67109413] C67196097
XLSNXY0LUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_6	NUMBER	[B67109413] C67196098
XLSNXY2LUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_7	NUMBER	[B67109413] C67196099
XLSNXY4LUI2AIDKRB02OFAWJHK	HSUPA_GOLDENBECHTHROUGHPUT_8	NUMBER	[B67109413] C67196100
XLSNXY6LUI2AIDKRB02O	HSUPA_GOLDENBECHT	NUMBER	[B67109413] C67196101

FAWJHK	HROUGHPUT_9		
XLSNXYBLUI2AIDKRB02O FAWJHK	HSUPA_GOLDENBECHT HROUGHPUT_10	NUMBER	[B67109413] C67196102
XLSNXYDLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_0	NUMBER	[B67109413] C67196103
XLSNXYFLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_1	NUMBER	[B67109413] C67196104
XLSNXYHLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_2	NUMBER	[B67109413] C67196105
XLSNXYJLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_3	NUMBER	[B67109413] C67196106
XLSNXYLLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_4	NUMBER	[B67109413] C67196107
XLSNXYNLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_5	NUMBER	[B67109413] C67196108
XLSNXYPLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_6	NUMBER	[B67109413] C67196109
XLSNXYRLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_7	NUMBER	[B67109413] C67196110
XLSNXYTLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_8	NUMBER	[B67109413] C67196111
XLSNXYVLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_9	NUMBER	[B67109413] C67196112
XLSNXYXLUI2AIDKRB02O FAWJHK	HSUPA_SILVERBECHTH ROUGHPUT_10	NUMBER	[B67109413] C67196113
XLSNY00LUI2AIDKRB02O FAWJHK	HSUPA_COPPERBECHT HROUGHPUT_0	NUMBER	[B67109413] C67196114
XLSNY02LUI2AIDKRB02O FAWJHK	HSUPA_COPPERBECHT HROUGHPUT_1	NUMBER	[B67109413] C67196115
XLSNY04LUI2AIDKRB02O FAWJHK	HSUPA_COPPERBECHT HROUGHPUT_2	NUMBER	[B67109413] C67196116
XLSNY06LUI2AIDKRB02O FAWJHK	HSUPA_COPPERBECHT HROUGHPUT_3	NUMBER	[B67109413] C67196117
XLSNY0BLUI2AIDKRB02O FAWJHK	HSUPA_COPPERBECHT HROUGHPUT_4	NUMBER	[B67109413] C67196118

XLSNY0DLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_5	NUMBER	[B67109413] C67196119
XLSNY0FLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_6	NUMBER	[B67109413] C67196120
XLSNY0HLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_7	NUMBER	[B67109413] C67196121
XLSNY0JLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_8	NUMBER	[B67109413] C67196122
XLSNY0LLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_9	NUMBER	[B67109413] C67196123
XLSNY0NLUI2AIDKRB02OFAWJHK	HSUPA_COPPERBECTHROUGHPUT_10	NUMBER	[B67109413] C67196124

7.7.29 HUA_CELL_INTER_HOINCCS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109381] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDBPUW6AHK26SDGMB00HW05BPA	VS_IRATHO_SERV_SUCOUTCS	NUMBER	[B67109381] C67190857
UB2WGLHIYY2AHDHA0035XKCUC6	IRATHO_FAILINCCS_HITRAFLOD	NUMBER	[B67109381] C67192187
RLHB0NHI3WBPDDMLOYQ0QLDQV4	IRATHO_ATTINCCS	NUMBER	[B67109381] C67189758
WYTQDHDDMKBH1S665AP2SHY1Y6	IRATHO_ATTOUTCS	NUMBER	[B67109381] C67189754
UQJ0OC24T1C2BDH2CJE21BTCF6	IRATHO_FAILINCCS_RESUNAVAIL	NUMBER	[B67109381] C67189762
TWSYOHRF0ECTTRNOKCAYLC5IX4	IRATHO_FAILINCCS_TRNCSYSFAIREL	NUMBER	[B67109381] C67189760

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Y63CGDOKIQBU5C5RP1OKU3223J	IRATHO_FAILINCCS_TRNCSYSRELUNS	NUMBER	[B67109381] C67189761
VDTVYQN3DIBLJT3OOR5VXXUDL3	IRATHO_SUCCINCCS	NUMBER	[B67109381] C67189759
WI3TYM26E5C1ATYJNBF6B1RQ3S	VS_IRATHO_FAILINCCS_NRPLY	NUMBER	[B67109381] C67190410
X3N4035C1VBUURY3LAD3GYSPA0	VS_IRATHO_PREPSUCCCSIN	NUMBER	[B67109381] C67190414

7.7.30 HUA_CELL_INTER_HOOUTGCS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109381] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U2BHF1Q20XC5NT04BJHRQJXJRI	IRATHO_ATTRELOCPREPOUTCS	NUMBER	[B67109381] C67189749
VNVORQYD46B54RYJKDMCLSHHTH	IRATHO_FAILOUTCS_CFGUNSUPP	NUMBER	[B67109381] C67189756
W1E5G2MJS5C2JBRB6TK36VWVAX	IRATHO_FAILOUTCS_PHYCHFAIL	NUMBER	[B67109381] C67189757
S0F2FJKG4EBJOS40O0FW1HC132	IRATHO_FAILRELPREPOUTCS_RELNS	NUMBER	[B67109381] C67189753
S0O55K30Q0CTLD52MAPS4WISU4	IRATHO_FAILRELPREPOUTCS_TALEXP	NUMBER	[B67109381] C67189751
TDUKSUQ4RPB61DD1FCR5C6NXT5	IRATHO_FAILRELPREPOUTCS_TGTFAI	NUMBER	[B67109381] C67189752
UBP5DAIM3PCM2E2QVTSYWFKSOF	IRATHO_SUCCOUTCS	NUMBER	[B67109381] C67189755
YGCTE1AGTGBG5S2AEKD1VMPJHH	IRATHO_SUCCRELOCPREPOUTCS	NUMBER	[B67109381] C67189750
TTI2JSW0U3C6TDY1W1IBY2W1C6	VS_IRATHO_CSAMR_REQRELOCOUT	NUMBER	[B67109381] C67184200

WFHME2UFU3C5TTQVNYEBFHXRJE	VS_IRATHO_CSAMR_SUCCRELOCOUT	NUMBER	[B67109381] C67184201
TSK4QSSYYTBWRENQVDWU1MRFAG	VS_IRATHO_LOAD_ATTRELPREPOUTCS	NUMBER	[B67109381] C67189739
VD2IWJB1NUC2YC00E6HVLDJH10	VS_IRATHO_LOAD_SUCCOUTCS	NUMBER	[B67109381] C67189741
UTBU50O0T2C0PTVY33PLINMEIE	VS_IRATHO_LOAD_SUCRELPREPOUTCS	NUMBER	[B67109381] C67189740
Y4UFBNGAHJCPYDN2R3QTOHLARK	VS_IRATHO_REQRELOCOUTCS_DR	NUMBER	[B67109381] C67189730
Y1SOOT50HECVASPWTSSOGPP22D	VS_IRATHO_RF_ATTRELOCPREPOUTCS	NUMBER	[B67109381] C67189744
YWACD2IFGPB1GRW4MEDHJFNGDE	VS_IRATHO_RF_SUCCOUTCS	NUMBER	[B67109381] C67189746
RD5MI5RNQOB1AC5PBDCSR1JX2J	VS_IRATHO_RF_SUCCRELPREPOUTCS	NUMBER	[B67109381] C67189745
UFV5UXU4Q5CW1C5K13U3XOJKW1	VS_IRATHO_SERV_ATRELPREPOUTCS	NUMBER	[B67109381] C67190593
RKN4B5PR43CK0B15VMKAF1BLL0	VS_IRATHO_SUCCOUTCS_DR	NUMBER	[B67109381] C67189729
W1SSO4QFHCBEBESKFNBTL5CL2U	VS_IRATHO_SUCRELOCOUTCS_DR	NUMBER	[B67109381] C67189732
TH2S4E5VBPCSNUKM1PT40KW3EW	VS_IRATHO_SER_SUCRELPREPOUTCS	NUMBER	[B67109381] C67190856
UB2WGLJIYY2AHDHA0035XKCUC6	IRATHO_FAILRELPROCS_HITRAFLOD	NUMBER	[B67109381] C67192186
YEARPP0UPW2AHRHR0035XVPKR0	B67109381_C67192654	NUMBER	[B67109381] C67192654
YEARPP2UPW2AHRHR0035XVPKR0	B67109381_C67192655	NUMBER	[B67109381] C67192655
YEARPP4UPW2AHRHR0035XVPKR0	B67109381_C67192656	NUMBER	[B67109381] C67192656

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YEARPP6UPW2AHRHR0035XVPKR0	B67109381_C67192657	NUMBER	[B67109381] C67192657
YEARPPBUPW2AHRHR0035XVPKR0	B67109381_C67192658	NUMBER	[B67109381] C67192658
YEARPPDUPW2AHRHR0035XVPKR0	B67109381_C67192659	NUMBER	[B67109381] C67192659
YEARPPFUPW2AHRHR0035XVPKR0	B67109381_C67192660	NUMBER	[B67109381] C67192660
XLSNXNTLUI2AIDKRB02OFAWJHK	VS_IRATHO_OUTCS_MEASTIMEOUT	NUMBER	[B67109381] C67193399
XLSNXNVLUI2AIDKRB02OFAWJHK	VS_IRATHO_OUTPS_MEASTIMEOUT	NUMBER	[B67109381] C67193400
XLSNXNXLUI2AIDKRB02OFAWJHK	VS_IRATHO_CS_OUT_TRIGRSCP	NUMBER	[B67109381] C67193405
XLSNXO0LUI2AIDKRB02OFAWJHK	VS_IRATHO_CS_OUT_TRIGECIO	NUMBER	[B67109381] C67193406
XLSNXO2LUI2AIDKRB02OFAWJHK	VS_IRATHO_PS_OUT_TRIGRSCP	NUMBER	[B67109381] C67193407
XLSNXO4LUI2AIDKRB02OFAWJHK	VS_IRATHO_PS_OUT_TRIGECIO	NUMBER	[B67109381] C67193408
XLSNXO6LUI2AIDKRB02OFAWJHK	VS_IRATHO_CS_MBDR_RELOCATTOUT	NUMBER	[B67109381] C67196299
XLSNXOBLUI2AIDKRB02OFAWJHK	VS_IRATHO_CS_MBDR_RELOCSUCCOUT	NUMBER	[B67109381] C67196300

7.7.31 HUA_CELL_INTERRAT_HO_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109381] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
V5PP6GNTGKB0BB5Q3D5UOEU0EI	IRATHO_ATTOUTPSUTRAN	NUMBER	[B67109381] C67190411
RAJP5R3KMXCTHD2OP2MHO	IRATHO_FAILOUTPS	NUMBER	[B67109381] C67190476

T00BV	UTRAN_CFGUNSUP		
XTFDSJ45TVBD1BJUQTTL2KYJU0	IRATHO_FOUTPSUTRAN_PHYCHFAIL	NUMBER	[B67109381] C67190477
RG5QHYTCL1CBDDQY2V4H13FAG0	IRATHO_SUCCOUTPSUE	NUMBER	[B67109381] C67189763
TWCVC2YJUYCK5DJRE0H1RPQTGV	IRATHO_SUCCOUTPSUTRAN	NUMBER	[B67109381] C67190412
RFHT5HOQJACUDDXOMVN3WWT6WO	VS_IRATHO_ATTOUTPSUE	NUMBER	[B67109381] C67190413
S1UTANUFTRC31CAG13GEBUT6ML	VS_IRATHO_LOAD_ATTOUTPSUTRAN	NUMBER	[B67109381] C67189742
XSH31WB1PUBG5DBA4LCDSIL2SU	VS_IRATHO_LOAD_SUCCOUTPSUTRAN	NUMBER	[B67109381] C67189743
S51QF5M5Q5BCCEC0SI1E0TVFHT	VS_IRATHO_PS128_REQRELOCOUT	NUMBER	[B67109381] C67184204
WWLSE0YSHPCMCD6GMX41YV3EYP	VS_IRATHO_PS128_SUCCRELOCOUT	NUMBER	[B67109381] C67184205
S05H3EDNO3C4WE2LTUP5N3IYO1	VS_IRATHO_PS384_REQRELOCOUT	NUMBER	[B67109381] C67184206
SSY1M5QPGUBDKE20MA3FTNVJ1Y	VS_IRATHO_PS384_SUCCRELOCOUT	NUMBER	[B67109381] C67184207
VSEBJKFPKLBVNBET314PXR4CXP	VS_IRATHO_PS64_REQRELOCOUT	NUMBER	[B67109381] C67184202
TAFSITMV22B1CUBRBXNUG0SLCC	VS_IRATHO_PS64_SUCCRELOCOUT	NUMBER	[B67109381] C67184203
W05K0KYVM3CKERWYDC1JLK2R2F	VS_IRATHO_RF_ATTOUTPSUTRAN	NUMBER	[B67109381] C67189747
TR6GALGO3NBXSTSTH3OJWQ0JXY	VS_IRATHO_RF_SUCCOUTPSUTRAN	NUMBER	[B67109381] C67189748
V3QJB532HSBDERA3C6END5P5FT	VS_IRATHO_PS144_SUCCRELOCOUT	NUMBER	[B67109381] C67190763
RBK3DUUS41CIPT5JCDEE0S1	VS_IRATHO_PS144_R	NUMBER	[B67109381] C67190762

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3HC	EQRELOCOUT		
XWESLW6RW3CDIRH26TDIWAG05R	VS_IRATHO_HSDPA_SUCCOUTPSUTRAN	NUMBER	[B67109381] C67191156
XDGKF1S51TBOGTQWAGHOW4A1WL	VS_IRATHO_HSDPA_ATTOUTPSUTRAN	NUMBER	[B67109381] C67191155
XDDF26XAHK26SDGMB00HW05BPA	VS_IRATHO_SERV_ATTOUTPSUT	NUMBER	[B67109381] C67190858
XDEYWQDAHK26SDGMB00HW05BPA	VS_IRATHO_SERV_SUCCOUTPSUT	NUMBER	[B67109381] C67190859
UB2WGW0IYY2AHDHA0035XKCUC6	HSUPA_IRATHO_ATTOUTPSUTRAN	NUMBER	[B67109381] C67192507
UB2WGW2IYY2AHDHA0035XKCUC6	HSUPA_IRATHO_SUCCOUTPSUTRAN	NUMBER	[B67109381] C67192506

7.7.32 HUA_CELL_LOAD_CHG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WWBT5ANXBICKWRFLCKB6RCYO55	VS_PUC_HIGH_INTSRCH_UPDT	NUMBER	[B67109391] C67190444
SPXEDXR0EJC3OTIB6WCRMUNTTI	VS_PUC_HIGH_OFFSET_UPDT	NUMBER	[B67109391] C67189856
WH2DQS0JGICG1THKUS1IBQR2CJ	VS_PUC_LIGHT_INTSRCH_UPDT	NUMBER	[B67109391] C67190442
RH0LPT1GBOBNHRB60RNMW40OAH	VS_PUC_LIGHT_OFFSET_UPDT	NUMBER	[B67109391] C67189857
TRXYS5APX2CEQRB1FKEHV4VVGC	VS_PUC_NORM_INTSRCH_UPDT	NUMBER	[B67109391] C67190443
T24F6EVQL0BWHSYE25152GAECI	VS_PUC_NORM_OFFSET_UPDT	NUMBER	[B67109391] C67189858

7.7.33 HUA_CELL_LOADCONGCTRL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XVVP2D02NSCGFTTVSSAXDOBPPG	VS_LCC_BASICCONGNUMDL	NUMBER	[B67109391] C67189844
VM0ESQQQN2CT3TJPAHJDIV6ETR	VS_LCC_BASICCONGNUMUL	NUMBER	[B67109391] C67189845
TM4I2TFB5OBO3TG35JIMKBQ5BI	VS_LCC_BASICCONGTIMDL	NUMBER	[B67109391] C67203400
XF2GB0OFBJCMXELNDWT4DL45VT	VS_LCC_BASICCONGTIMUL	NUMBER	[B67109391] C67203401
V2NI5UOKE1CB5T5E2HDX44IVRW	VS_LCC_LDR_BERATEDL	NUMBER	[B67109391] C67190437
YUQGRB4KMVBOQSRUJAKPCUWHNF	VS_LCC_LDR_BERATEUL	NUMBER	[B67109391] C67190436
YCMK36BKBYBLFRSWGBYOXFCVIS	VS_LCC_LDR_INTERFREQ	NUMBER	[B67109391] C67190435
XHVAFNWWLEBCSRI4QJ3DNHJXUL	VS_LCC_LDR_INTERRATCS	NUMBER	[B67109391] C67190440
VF0JR5150RCX5D5DHIHABBHI3R	VS_LCC_LDR_INTERRATPS	NUMBER	[B67109391] C67190441
UQJE6WXPBMBVPDEE3CL4XAGQO1	VS_LCC_LDR_RABRATEDL	NUMBER	[B67109391] C67190439
WNG0N126BXCFFTD6OG4TLQNQHL	VS_LCC_LDR_RABRATEUL	NUMBER	[B67109391] C67190438
TX2WAMFQJWCKOD4INMRB6NDYOW	VS_LCC_OLC_FASTBE	NUMBER	[B67109391] C67190434

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TGN31EXCTLCYECWIPUUD4LSLWQ	VS_LCC_OLC_USERREL	NUMBER	[B67109391] C67190433
T223KPAF4IBMXCJUGKON1HL3GO	VS_LCC_OVERCONGNUMDL	NUMBER	[B67109391] C67189853
T66TSL4ABECCMREHRFA52WGSIM	VS_LCC_OVERCONGNUMUL	NUMBER	[B67109391] C67189852
YTLQA1UO0IB1NBBKXWO3P2BH15	VS_LCC_OVERCONGTIMDL	NUMBER	[B67109391] C67203403
R1U1U2NLQ4BDYRG1436WULYHFM	VS_LCC_OVERCONGTIMUL	NUMBER	[B67109391] C67203402
T0UF2L3IRPCG4E6M6PRFIOABSK	VS_LCC_LDR_AMRDL	NUMBER	[B67109391] C67191640
UQBOA1WMWACLYEFLMKWWC5PGJF	VS_LCC_LDR_AMRUL	NUMBER	[B67109391] C67191639
RBXTFDEWIJBWCSLOJWLIVXIC3G	VS_HSDPA_LDR_INTERRATPS	NUMBER	[B67109391] C67191152
WKC33F0BOIBUBSHYDYLPUJJQWC	VS_HSDPA_LDR_INTERFREQ	NUMBER	[B67109391] C67191151
X5GRIET0EABSKSGGV3GJRUDV1X	VS_HSDPA_OLC_USERREL	NUMBER	[B67109391] C67191150
UB2WH52IYY2AHDHA0035XKCUC6	VS_LCC_LDR_CODEADJ	NUMBER	[B67109391] C67192397
UB2WH54IYY2AHDHA0035XKCUC6	VS_LCC_LDR_MBMSPOWERDEC	NUMBER	[B67109391] C67192398
W0U64N2K4W2AHDHB0035XKCUC6	VS_LCC_LDR_AMRRATEUL	NUMBER	[B67109391] C67192426
W0U64N4K4W2AHDHB0035XKCUC6	VS_LCC_LDR_AMRRATEDL	NUMBER	[B67109391] C67192427
XLSNXPPLUI2AIDKRB02OFAWJHK	VS_LCC_LDR_CODEADJ_SUCC	NUMBER	[B67109391] C67193409
XLSNXPRLUI2AIDKRB02OFAWJHK	VS_LCC_HSDPA_CODEADJ_SUCC	NUMBER	[B67109391] C67193410
XLSNXPTLUI2AIDKRB02OFAWJHK	VS_LCC_LDR_HSDPA_INTERRATCS	NUMBER	[B67109391] C67196030
XLSNXQDLUI2AIDKRB02OFA	VS_LCC_HSDPA_CO	NUMBER	[B67109391] C67195992

WJHK	DEADJ		
XLSNXQNLUI2AIDKRB02OFAWJHK	VS_LCC_LDR_HSUPA_INTERRATCS	NUMBER	[B67109391] C67196029

7.7.34 HUA_CELL_LOCCELLSERV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109510] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RTUWWF4CW6C0MTA5ANUSLDNSPV	VS_LCS_OUTCELLCOVER_AGPSASS	NUMBER	[B67109510] C67190670
VDA4UPUDOUBJ4RSHBQGCEJVLEG	VS_LCS_OUTCELLCOVER_AGPSBAS	NUMBER	[B67109510] C67190671
X1EAHCKUBDCBODARNLKDYMEPD5	VS_LCS_OUTCELLCOVER_CELLIDRTT	NUMBER	[B67109510] C67190673
RA24U13Q3OBRFBAWLIU5COYXO2	VS_LCS_OUTCELLCOVER_OTDOA	NUMBER	[B67109510] C67190672

7.7.35 HUA_CELL_MBMS_CHAN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109474] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY5LLUI2AIDKRB02OFAWJHK	MBMS_PTP_UE_CHANNEL0_MEAN_CELL	FLOAT	[B67109474] C67204225
XLSNY5NLUI2AIDKRB02OFAWJHK	MBMS_PTM_UE_CHANNEL0_MEAN_CELL	FLOAT	[B67109474] C67204226

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XLSNY5PLUI2AIDKRB02OFAWJHK	MBMS_PTP_UE_CHANNEL1_MEAN_CELL	FLOAT	[B67109474] C67204227
XLSNY5RLUI2AIDKRB02OFAWJHK	MBMS_PTM_UE_CHANNEL1_MEAN_CELL	FLOAT	[B67109474] C67204228
XLSNY5TLUI2AIDKRB02OFAWJHK	MBMS_PTP_UE_CHANNEL2_MEAN_CELL	FLOAT	[B67109474] C67204229
XLSNY5VLUI2AIDKRB02OFAWJHK	MBMS_PTM_UE_CHANNEL2_MEAN_CELL	FLOAT	[B67109474] C67204230
XLSNY5XLUI2AIDKRB02OFAWJHK	MBMS_PTP_UE_CHANNEL3_MEAN_CELL	FLOAT	[B67109474] C67204231
XLSNY60LUI2AIDKRB02OFAWJHK	MBMS_PTM_UE_CHANNEL3_MEAN_CELL	FLOAT	[B67109474] C67204232
XLSNY62LUI2AIDKRB02OFAWJHK	MBMS_PTP_UE_CHANNEL4_MEAN_CELL	FLOAT	[B67109474] C67204233
XLSNY64LUI2AIDKRB02OFAWJHK	MBMS_PTM_UE_CHANNEL4_MEAN_CELL	FLOAT	[B67109474] C67204234
XLSNY66LUI2AIDKRB02OFAWJHK	MBMS_PTM_CHANNEL0_DUR_CELL	NUMBER	[B67109474] C67204235
XLSNY6BLUI2AIDKRB02OFAWJHK	MBMS_PTP_CHANNEL0_DUR_CELL	NUMBER	[B67109474] C67204236
XLSNY6DLUI2AIDKRB02OFAWJHK	MBMS_PTM_CHANNEL1_DUR_CELL	NUMBER	[B67109474] C67204237
XLSNY6FLUI2AIDKRB02OFAWJHK	MBMS_PTP_CHANNEL1_DUR_CELL	NUMBER	[B67109474] C67204238
XLSNY6HLUI2AIDKRB02OFAWJHK	MBMS_PTM_CHANNEL2_DUR_CELL	NUMBER	[B67109474] C67204239
XLSNY6JLUI2AIDKRB02OFAWJHK	MBMS_PTP_CHANNEL2_DUR_CELL	NUMBER	[B67109474] C67204240
XLSNY6LLUI2AIDKRB02OFAWJHK	MBMS_PTM_CHANNEL3_DUR_CELL	NUMBER	[B67109474] C67204241
XLSNY6NLUI2AIDKRB02OFAWJHK	MBMS_PTP_CHANNEL3_DUR_CELL	NUMBER	[B67109474] C67204242

XLSNY6PLUI2AIDKRB02OFAWJHK	MBMS_PTM_CHANNEL4_DUR_CELL	NUMBER	[B67109474] C67204243
XLSNY6RLUI2AIDKRB02OFAWJHK	MBMS_PTP_CHANNEL4_DUR_CELL	NUMBER	[B67109474] C67204244

7.7.36 HUA_CELL_MBMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id [B67109474] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ0FUPW2AHRHR0035XVPKR0	B67109474_C67194980	NUMBER	[B67109474] C67194980
YEARQ0HUPW2AHRHR0035XVPKR0	B67109474_C67194981	NUMBER	[B67109474] C67194981
YEARQ0JUPW2AHRHR0035XVPKR0	B67109474_C67194982	NUMBER	[B67109474] C67194982
YEARQ0LUPW2AHRHR0035XVPKR0	B67109474_C67194983	NUMBER	[B67109474] C67194983
YEARQ0NUPW2AHRHR0035XVPKR0	B67109474_C67194984	NUMBER	[B67109474] C67194984
YEARQ0PUPW2AHRHR0035XVPKR0	B67109474_C67192615	NUMBER	[B67109474] C67192615
YEARQ0RUPW2AHRHR0035XVPKR0	B67109474_C67192616	NUMBER	[B67109474] C67192616
YEARQ0TUPW2AHRHR0035XVPKR0	B67109474_C67192617	NUMBER	[B67109474] C67192617
YEARQ0VUPW2AHRHR0035XVPKR0	B67109474_C67192618	FLOAT	[B67109474] C67192618

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YEARQ0XUPW2AHRHR0035XVPKR0	B67109474_C67192619	NUMBER	[B67109474] C67192619
YEARQ10UPW2AHRHR0035XVPKR0	B67109474_C67204014	FLOAT	[B67109474] C67204014
YEARQ12UPW2AHRHR0035XVPKR0	B67109474_C67192620	NUMBER	[B67109474] C67192620
YEARQ14UPW2AHRHR0035XVPKR0	B67109474_C67192621	NUMBER	[B67109474] C67192621
YEARQ16UPW2AHRHR0035XVPKR0	B67109474_C67192622	NUMBER	[B67109474] C67192622
SUIHN0RURP2AHRHR0035XVPKR0	B67109391_C67194969	NUMBER	[B67109391] C67194969
SUIHN0TURP2AHRHR0035XVPKR0	B67109391_C67194970	NUMBER	[B67109391] C67194970
SUIHN0VURP2AHRHR0035XVPKR0	B67109391_C67194971	NUMBER	[B67109391] C67194971
UB2WH5DIYY2AHDHA0035XKCUC6	VS_MBMS_MTCHSETUPFAIL_CELL	NUMBER	[B67109474] C67192131
UB2WH5FIYY2AHDHA0035XKCUC6	VS_MBMS_MTCHSETUPSUCC_CELL	NUMBER	[B67109474] C67192130

7.7.37 HUA_CELL_MBMSPTPM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109549] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYE6LUI2AIDKRB02OFAWJHK	VS_MBMS_PTP_UE_MEAN_CELL	FLOAT	[B67109549] C67192618
XLSNYEBLUI2AIDKRB02OFAWJHK	VS_MBMS_PTM_CHANNEL_DUR_CELL	NUMBER	[B67109549] C67193075
XLSNYEDLUI2AIDKRB02OFAWJHK	VS_MBMS_PTP_CHANNEL_DUR_CELL	NUMBER	[B67109549] C67193076
XLSNYEFLUI2AIDKRB02O	VS_MBMS_PTM_UE_	FLOAT	[B67109549] C67204157

FAWJHK	MEAN_CELL		

7.7.38 HUA_CELL_MEASREPUMTS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109384] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23I2ILK2AHDH6B035XKCUC6	VS_RRC_MRRPT_1F	NUMBER	[B67109384] C67191692
UUO23I4ILK2AHDH6B035XKCUC6	VS_RRC_MRRPT_3A	NUMBER	[B67109384] C67191693
YEARPRDUPW2AHRHR0035XVPKR0	B67109384_C67192652	NUMBER	[B67109384] C67192652
YEARPRFUPW2AHRHR0035XVPKR0	B67109384_C67192653	NUMBER	[B67109384] C67192653
W6AWG2XDXIBPNDH3WV65VQSP13	VS_RRC_MRRPT_1A	NUMBER	[B67109384] C67180609
RL0EG3UAJSCASBKTOIAB64LS1I	VS_RRC_MRRPT_1A_DETECT	NUMBER	[B67109384] C67189913
X150DIWR5XB5VTBLOK5MQIF6RG	VS_RRC_MRRPT_1B	NUMBER	[B67109384] C67180610
UNTMEP5LOVC0MDTBLI0E3JMCRS	VS_RRC_MRRPT_1C	NUMBER	[B67109384] C67180611
WQOVDNOPUXC12E4JE00JO32KJR	VS_RRC_MRRPT_1D	NUMBER	[B67109384] C67180612
SA2MD5E4EUCXESKBGKN4B5QJMS	VS_RRC_MRRPT_2D	NUMBER	[B67109384] C67180613
V60DQKPTH0BMNRRUAFOKAMGATR	VS_RRC_MRRPT_2F	NUMBER	[B67109384] C67180614

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V4W3YB6KIACULB1XD5SOBTB5NO	VS_UE_MRRPT_4A	NUMBER	[B67109384] C67180615
RNMHJXGALYCOXSSQ35XKLDPNSU	VS_UE_MRRPT_4B	NUMBER	[B67109384] C67180616

7.7.39 HUA_CELL_MULTIRAB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109377] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YIQLADJU2HCC2DXLC0LDQMGV5F	VS_MULTRAB_SF128	FLOAT	[B67109377] C67202943
VWQL2KAWH3BNDT0CXFME3ECXI5	VS_MULTRAB_SF16	FLOAT	[B67109377] C67199692
YG2UYLY4PMCGAS5XPMV6L1QWWR	VS_MULTRAB_SF256	FLOAT	[B67109377] C67202944
X6GQC6KM3KB4DRJ2XUCQ56B5EG	VS_MULTRAB_SF32	FLOAT	[B67109377] C67199693
SJP0ANSL0CCB0D002H5G0RICUA	VS_MULTRAB_SF4	FLOAT	[B67109377] C67202942
RLM50OAQV6C5ERYY3LYWPEEI23	VS_MULTRAB_SF64	FLOAT	[B67109377] C67199694
UXGDT4WS5EB0JD3KRTGHCC21QW	VS_MULTRAB_SF8	FLOAT	[B67109377] C67199691
RDP0IBQ5Y2CRGTHCJL6CLQ6QBY	VS_SINGLERAB_SF128	FLOAT	[B67109377] C67199703
WBYQNMEB4GCYTDJ3ULFD5YCKXP	VS_SINGLERAB_SF16	FLOAT	[B67109377] C67199700
WIRIS6PK4SCWLDXIWA5D22XOPO	VS_SINGLERAB_SF256	FLOAT	[B67109377] C67199704
XART5EMWKMCJ6CAOPW6GRH3HHV	VS_SINGLERAB_SF32	FLOAT	[B67109377] C67199701
S66D23A54NB2NCABY41Y30	VS_SINGLERAB_SF4	FLOAT	[B67109377] C67199698

G3MU			
TBKVIY64KLC6IT4BBKY2JYVYPA	VS_SINGLERAB_SF64	FLOAT	[B67109377] C67199702
V4Y5WA1DCJCJSTCMSVV6AEQVGK	VS_SINGLERAB_SF8	FLOAT	[B67109377] C67199699
TGVMAJJFJWC3TR5L6DBUHNXKR1	VS_RAB_SFOCCUPY	FLOAT	[B67109377] C67203416
USN1BPOXVLBJNUOKTE6EMRE0PI	VS_RAB_SFOCCUPY_MAX	NUMBER	[B67109377] C67191657

7.7.40 HUA_CELL_NBAP_STAT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109386] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TWVW6BEXH5BYGDXLKMDUMQQOYW	VS_CELLRESAPPLY_DCH	NUMBER	[B67109386] C67189769
X0NSX0QGKDC2MU5HJMCBCYU5PN	VS_DL_RL_TIMING_ADJUST_FAIL	NUMBER	[B67109386] C67189770
TBDGV3NGU6CT1CF5QXNEXRI23B	VS_DL_RL_TIMING_ADJUST_SUCC	NUMBER	[B67109386] C67189771
VKKTEVU0CIBHQRMO3R6LEMLQN5	VS_IUB_ATTRLDEL	NUMBER	[B67109386] C67180815
YDAG5YQIEPCFIDLFHBK3ULYN2H	VS_IUB_ATTRLRECFG	NUMBER	[B67109386] C67189775
UUPEKKE1GHB10BXQ2M0SMPGAUK	VS_IUB_ATTRLSETUP	NUMBER	[B67109386] C67180801
UJ6TT0ILWWB45BBQK63V0BDIXL	VS_IUB_CANCELRLRECFG	NUMBER	[B67109386] C67180826

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TQSN23TL1WCJQSB2N65GSVNKYM	VS_IUB_FAILRLADD_OM	NUMBER	[B67109386] C67180810
WDQMO245PGCQMRHGRNCYL1XUSQ	VS_IUB_FAILRLRECFG_CFGUNSUP	NUMBER	[B67109386] C67180823
SDYO5AHLQ6BSTCFPWJMFGCCDJN	VS_IUB_FAILRLRECFG_CONG	NUMBER	[B67109386] C67180822
XTK6IQ6JB3CEMSKYR3RKBOBVNK	VS_IUB_FAILRLRECFG_HW	NUMBER	[B67109386] C67180821
SL0WNJNWNHBCNUJDGUFKXEM606	VS_IUB_FAILRLRECFG_NOREPLY	NUMBER	[B67109386] C67180824
VSQWY22RY2BXSSWVE502JRHDOK	VS_IUB_FAILRLRECFG_OM	NUMBER	[B67109386] C67180820
RTS5CHUMBUBQTBEVGTENDJX2DR	VS_IUB_FAILRLSETUP_CFGUNSUP	NUMBER	[B67109386] C67180806
UICRRG1PJ4BU5RLFEVWWA61W55	VS_IUB_FAILRLSETUP_CONG	NUMBER	[B67109386] C67180805
RJIFQEGJWTCJGRGIP114HXIO4B	VS_IUB_FAILRLSETUP_HW	NUMBER	[B67109386] C67180804
XRJNA4LS55BEFBK21JMK0N2AKC	VS_IUB_FAILRLSETUP_OM	NUMBER	[B67109386] C67180803
SWCN04MJ54C0RUKJW1UAXQJWOB	VS_IUB_RLFAIL	NUMBER	[B67109386] C67180827
VP2TINI0JBBEEB2XJ1NFCHJ51R	VS_IUB_RLFAIL_CFGUNSUP	NUMBER	[B67109386] C67180831
SYEJCW0X52BKQRIVDXEJEN1XUW	VS_IUB_RLFAIL_HW	NUMBER	[B67109386] C67180829
VL01Y4LRJ4B66DGHLSUIFPMQDL	VS_IUB_RLFAIL_OM	NUMBER	[B67109386] C67180828
R01TNL3TX6C4CUXR0FU4UVVJA2	VS_IUB_RLFAIL_SYNCFAIL	NUMBER	[B67109386] C67189772
YMMB6H34HXBLMEGQXXKBO3FE6H	VS_IUB_RLFAILNORESTORE	NUMBER	[B67109386] C67180830
VIOPTBTQOHC42EFKAQR5UR4PDG	VS_IUB_RLFAILSETUP_NOREPLY	NUMBER	[B67109386] C67180838
YYVC21WJICBG6D2AVIHRD65	VS_IUB_RLRESTORE	NUMBER	[B67109386] C67180832

MU0			
YJ5ENNQB1DC2SUYUPHV30F4HTK	VS_IUB_SUCCRLDEL	NUMBER	[B67109386] C67180816
S56ID430PUCIER4OM3OV2GMU0M	VS_IUB_SUCCRLDEL_PREEMPT	NUMBER	[B67109386] C67189776
VBPJPSXLG5BWPSANRK1HAV5FQL	VS_IUB_SUCCRLRECFG	NUMBER	[B67109386] C67180819
SIXOSESGBDBVHT5METO34JDBLN	VS_IUB_SUCCRLSETUP	NUMBER	[B67109386] C67180802
U4X3HWLC3EBC4EOUGDGE2FI0VA	VS_RLSOFUE_INOTHERCELL	FLOAT	[B67109386] C67202561
SB4UWDUN0HBHQEWBSEC5HBCRL4	VS_SHO_ATTRLADDIUB	NUMBER	[B67109386] C67180808
WOME12N10UCATSUXXB20WR1B5G	VS_SHO_FAILRLADDIUB_CFGUNSUP	NUMBER	[B67109386] C67180813
XNT2Y1XK2MCJ4C5DYWUB2NGVFC	VS_SHO_FAILRLADDIUB_CONG	NUMBER	[B67109386] C67180812
XL1T5RNGVQCAECPHA6MOG1RMYM	VS_SHO_FAILRLADDIUB_HW	NUMBER	[B67109386] C67180811
TVMI30Q0ISB3SC2PW3X6MW05FN	VS_SHO_SUCCRLADDIUB	NUMBER	[B67109386] C67180809
UB2WGMLIYY2AHDHA0035XKCUC6	RLM_ATTRLDELIUB	NUMBER	[B67109386] C67180815
UB2WGMNIYY2AHDHA0035XKCUC6	RLM_SUCCRLDELIUB	NUMBER	[B67109386] C67180816

7.7.41 HUA_CELL_PAGING_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109509] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
XNWAJEN5OWCQLC0Q34K2IOPK2L	VS_RRC_PAGING1_ATT_CELL	NUMBER	[B67109509] C67190473
SY3JSEHMM4B54DCJJP22ID5VPU	VS_RRC_PAG1_LOSS_PCHCONG_CELL	NUMBER	[B67109509] C67190472

7.7.42 HUA_CELL_RAB_ABNREL_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SJ435M051JCFHECVY4STQV1MI5	VS_RAB_LOSS_CS_AAL2LOSS	NUMBER	[B67109376] C67180080
RS2CU20KVIBDKUNONRQ11I3N3Y	VS_RAB_LOSS_CS_ABNORM	NUMBER	[B67109376] C67179778
XAPYA1KBJ5BUSC2F5HSSWJG3OY	VS_RAB_LOSS_CS_ABNORM_AMR	NUMBER	[B67109376] C67190517
WXWFVL3132C4TUQVGQU06UYMVD	VS_RAB_LOSS_CS_AMR	NUMBER	[B67109376] C67180082
UNP05QUFKGCBABV5TALLLQMYCT	VS_RAB_LOSS_CS_AMR_12_2	NUMBER	[B67109376] C67190467
XV3I0FQOIRCGUEDNMHBBTYLH5T	VS_RAB_LOSS_CS_AMR_4_75	NUMBER	[B67109376] C67190470
XL55X1LXMDCMYSUWITHV1WSIMI	VS_RAB_LOSS_CS_AMR_5_9	NUMBER	[B67109376] C67190469
YR526YKDGKBOCCXAOAKMSA5KE3	VS_RAB_LOSS_CS_AMR_7_95	NUMBER	[B67109376] C67190468
VTBLMGBWJDB62UHM5B61ULADPG	VS_RAB_LOSS_CS_CONGSTION_CELL	NUMBER	[B67109376] C67190841
TK2HWO6KRJB5PUQVPVIBHQYK0Q	VS_RAB_LOSS_CS_CONV_32	NUMBER	[B67109376] C67190471
UGO10CA6P1B33T4WQVR5GTFOYY	VS_RAB_LOSS_CS_CONV64K	NUMBER	[B67109376] C67180083

TGSG1RQ2QLBLPEGSDW0XSKSP2N	VS_RAB_LOSS_CS_NORM	NUMBER	[B67109376] C67179779
WJ3WE6HMSBBIVTINSANEYX5VRS	VS_RAB_LOSS_CS_NORM_AMR	NUMBER	[B67109376] C67190518
UYFXSLF2YTC0DC0UDCERKD6C5I	VS_RAB_LOSS_CS_RF	NUMBER	[B67109376] C67179777
SVSPCW0TOXB5VSCBGK0U4UT64W	VS_RAB_LOSS_CS_RF_AMR	NUMBER	[B67109376] C67190516
SEXHT2MTSGCG3SA3CCYX050RJB	VS_RAB_LOSS_CS_RF_OTH	NUMBER	[B67109376] C67189565
SV26MOXSPWB5IR4TJSIQVHHM6U	VS_RAB_LOSS_CS_RF_RLCRST	NUMBER	[B67109376] C67189563
XGO3AFBPLECECRJIKY5MS1RFW5	VS_RAB_LOSS_CS_RF_ULSYNC	NUMBER	[B67109376] C67189568
SA0DKOPS6GCEUUJQR2QT06I23E	VS_RAB_LOSS_CS_RF_UUNOREPLY	NUMBER	[B67109376] C67190505
XBATR1SNNYBSISDOVCPVSEXQXA	VS_RAB_LOSS_CS_SRBRESET	NUMBER	[B67109376] C67180077
WGWO2XDSHVC4KRXOMN6XFJIOV0	VS_RAB_RELREQCS_CONV	NUMBER	[B67109376] C67180065
SDN4UXD4KCBEGR4VEJGRYN1WQQ	VS_RAB_RELREQCS_OM	NUMBER	[B67109376] C67180067
WRRASOPW1VBTVBUC6DBJDKEJU1	VS_RAB_RELREQCS_RABPREEMPT	NUMBER	[B67109376] C67180069
X3Y3CGQR2HCV5DJXK2MSKOIDD1	VS_RAB_RELREQCS_STR	NUMBER	[B67109376] C67180066
WIQ6F2NI33C03RWBVT1GUD1OC6	VS_RAB_RELREQCS_UTRANGEN	NUMBER	[B67109376] C67180068
UB2WH60IYY2AHDHA0035XKCUC6	VS_NORREL_CS_AMR_ULREL	NUMBER	[B67109376] C67191792
UB2WH64IYY2AHDHA0035XKCUC6	VS_NORREL_CSCONV_64	NUMBER	[B67109376] C67191786

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UB2WH6BIYY2AHDHA0035XKCUC6	VS_NORREL_CSCONV_64_ULREL	NUMBER	[B67109376] C67191793
UH2KKPPIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AB_ACCELL	NUMBER	[B67109376] C67191829
UH2KKPRIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AB_AMR_ACCELL	NUMBER	[B67109376] C67191830
UH2KKPTIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_12_65	NUMBER	[B67109376] C67192207
UH2KKPVIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_14_25	NUMBER	[B67109376] C67192206
UH2KKPXIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_15_85	NUMBER	[B67109376] C67192205
UH2KKQ0IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_18_25	NUMBER	[B67109376] C67192204
UH2KKQ2IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_19_85	NUMBER	[B67109376] C67192203
UH2KKQ4IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_2_0	NUMBER	[B67109376] C67192210
UH2KKQ6IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_23_05	NUMBER	[B67109376] C67192202
UH2KKQBIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_23_85	NUMBER	[B67109376] C67192201
UH2KKQDIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_6_6	NUMBER	[B67109376] C67192209
UH2KKQFIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_AMRWB_8_85	NUMBER	[B67109376] C67192208
UH2KKQHIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_NORM_ACCELL	NUMBER	[B67109376] C67191832
UH2KKQJIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_NORM_AMR_ACCELL	NUMBER	[B67109376] C67191833
UH2KKQLIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_RF_ACCELL	NUMBER	[B67109376] C67191826
UH2KKQNIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_CS_RF_AMR_ACCELL	NUMBER	[B67109376] C67191828
YEARPN0UPW2AHRHR0035	B67109376_C6719259	NUMBER	[B67109376] C67192597

XVPKR0	7		
YEARPN6UPW2AHRHR0035XVPKR0	B67109376_C67192600	NUMBER	[B67109376] C67192600
YEARPNFUPW2AHRHR0035XVPKR0	B67109376_C67192603	NUMBER	[B67109376] C67192603

7.7.43 HUA_CELL_RAB_ABNREL_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RG36YUOHEBB25TWKR0JQLGXX3L	VS_RAB_LOSS_PS_128K	NUMBER	[B67109376] C67180085
T4PF1CPA4SBTHRNCDRKVWII0QE	VS_RAB_LOSS_PS_384K	NUMBER	[B67109376] C67180084
SGHJOSAXW3BBNEVPVFEP6UKYGQ	VS_RAB_LOSS_PS_64K	NUMBER	[B67109376] C67180086
VPPBHSTW3HCI2DVKN6L5MDO6YP	VS_RAB_LOSS_PS_ABNORM	NUMBER	[B67109376] C67179781
T3AOO1VDCPBX2R1CR1BSCUO13E	VS_RAB_LOSS_PS_ABNORM_DL128	NUMBER	[B67109376] C67190511
WSXJCKMLEOBAUTHSDC2SFPT1EL	VS_RAB_LOSS_PS_ABNORM_DL384	NUMBER	[B67109376] C67190512
SPJITE3W5CCUKDWLHPN3PUEEDX	VS_RAB_LOSS_PS_ABNORM_DL64	NUMBER	[B67109376] C67190510
YRL4A35XWWBYTRDHTYDA2QDV5Q	VS_RAB_LOSS_PS_CONGSTION_CELL	NUMBER	[B67109376] C67190840
X41R4AAP4HBVCUHX4FL0EMEQO6	VS_RAB_LOSS_PS_GTPULOSS	NUMBER	[B67109376] C67180081

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U5RHNPYQN0BLTCVPDUPQXI3WGE	VS_RAB_LOSS_PS_NORM	NUMBER	[B67109376] C67179782
VFO0QS2MFXBL6DA2HFBL3KX26O	VS_RAB_LOSS_PS_NORM_DL128	NUMBER	[B67109376] C67190514
W6JDFBPUXSBYQEA0AESOSJ010T	VS_RAB_LOSS_PS_NORM_DL384	NUMBER	[B67109376] C67190515
SHVP1MFI0LBDGDWQOLI4DPMAFF	VS_RAB_LOSS_PS_NORM_DL64	NUMBER	[B67109376] C67190513
YHWOCJGW2QCJXS6RKHLOVKRN0K	VS_RAB_LOSS_PS_RF	NUMBER	[B67109376] C67179780
TO2K1MNKGJCHFETG2BXF1YUDLV	VS_RAB_LOSS_PS_RF_DL128	NUMBER	[B67109376] C67190508
R6LU0DCUGQCXISKE50R6HBPQ0D	VS_RAB_LOSS_PS_RF_DL384	NUMBER	[B67109376] C67190509
VO26DPX63KBYGD5W0WK4YPPR1L	VS_RAB_LOSS_PS_RF_DL64	NUMBER	[B67109376] C67190507
TP56WQS14YCDQURT4AJW5PEDAB	VS_RAB_LOSS_PS_RF_OTH	NUMBER	[B67109376] C67189571
WKOQLJD4Y4CY0BOD4FDSL0LXQ1	VS_RAB_LOSS_PS_RF_RLCRST	NUMBER	[B67109376] C67189569
XW2TH3CRLDCIDEJL6BNWC2PQL0	VS_RAB_LOSS_PS_RF_ULSYNC	NUMBER	[B67109376] C67189572
X6EH5LTU4XBDWRYWDHCFXV2VVR	VS_RAB_LOSS_PS_RF_UUNOREPLY	NUMBER	[B67109376] C67190506
YCU3P31Y5QB2FBN4JOL5DR6P2V	VS_RAB_LOSS_PS_SRBRESET	NUMBER	[B67109376] C67180078
T1KOSO4C2TBVLDVKTIMTYQN61K	VS_RAB_LOSS_PS_TRBRESET	NUMBER	[B67109376] C67180079
W4VU4TE5KXC0TE5LU4XG2ADE5N	VS_RAB_RELREQPS_BKG	NUMBER	[B67109376] C67180073
XG6UIUBCHDCNWSJGSPY01225VY	VS_RAB_RELREQPS_CONV	NUMBER	[B67109376] C67180070
XNFJQDSQVQBV4S0A116E2T06MV	VS_RAB_RELREQPS_INTER	NUMBER	[B67109376] C67180072
XA2MFGYQP0B6HBAY41GQ	VS_RAB_RELREQPS_	NUMBER	[B67109376] C67180074

Q2Y2MS	OM		
TUGKJKWEQYCRJTCBVU2APR0SW2	VS_RAB_RELREQPS_RABPREEMPT	NUMBER	[B67109376] C67180076
S0CN5KHCELC5HE0YNUQEQ1THWN	VS_RAB_RELREQPS_STR	NUMBER	[B67109376] C67180071
SHWKYGSELFC0GDJIQVSKH3KP2V	VS_RAB_RELREQPS_UTRANGEN	NUMBER	[B67109376] C67180075
T2LIGL3Q3EBS6TBLBJESIMNALD	VS_RAB_LOSS_NORM	NUMBER	[B67109376] C67190765
RV545UWRORCD1R5V4R054446G2	VS_RAB_RELABNOMALPS_CMB_CELL	NUMBER	[B67109376] C67190598
ROFYIS5S4WC3DR331P0AY1PFY5	VS_RAB_LOSS_ABNORM	NUMBER	[B67109376] C67190766
UB2WGNDIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_0_32	NUMBER	[B67109376] C67191814
UB2WGNHIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_144_384	NUMBER	[B67109376] C67191817
UB2WGNLIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_32_64	NUMBER	[B67109376] C67191815
UB2WGNPIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_64_144	NUMBER	[B67109376] C67191816
UB2WGNTIYY2AHDHA0035XKCUC6	VS_ABREL_PS_CCH	NUMBER	[B67109376] C67191818
UB2WH6FIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_0_32	NUMBER	[B67109376] C67191787
UB2WH6JIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_0_32_ULREL	NUMBER	[B67109376] C67191794
UB2WH6NIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_144_384	NUMBER	[B67109376] C67191790
UH2KKMDIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_144_384_ULREL	NUMBER	[B67109376] C67191797
UH2KKMHIYY2AHDHA0035	VS_NORREL_PS_BE_	NUMBER	[B67109376] C67191788

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XKCUC6	32_64		
UH2KKMLIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_32_64_ULREL	NUMBER	[B67109376] C67191795
UH2KKMPIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_64_144	NUMBER	[B67109376] C67191789
UH2KKMTIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_64_144_ULREL	NUMBER	[B67109376] C67191796
UH2KKMXIYY2AHDHA0035XKCUC6	VS_NORREL_PS_CCH	NUMBER	[B67109376] C67191791
UH2KKN2IYY2AHDHA0035XKCUC6	VS_NORREL_PS_CCH_USREL	NUMBER	[B67109376] C67191798
UH2KKN6IYY2AHDHA0035XKCUC6	VS_NORREL_PS_HS_USREL	NUMBER	[B67109376] C67191799
UH2KKQPIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_ABNORM_ACCELL	NUMBER	[B67109376] C67191831
UH2KKQRIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_NORM_ACCELL	NUMBER	[B67109376] C67191834
UH2KKQTIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_RF_ACCELL	NUMBER	[B67109376] C67191827
UH2KKQVIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_UEGEN	NUMBER	[B67109376] C67191835
UH2KKQXIYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_UEGEN_128K	NUMBER	[B67109376] C67191837
UH2KKR0IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_UEGEN_384K	NUMBER	[B67109376] C67191836
UH2KKR2IYY2AHDHA0035XKCUC6	VS_RAB_LOSS_PS_UEGEN_64K	NUMBER	[B67109376] C67191838
YEARPN2UPW2AHRHR0035XVPKR0	B67109376_C67192598	NUMBER	[B67109376] C67192598
YEARPN4UPW2AHRHR0035XVPKR0	B67109376_C67192599	NUMBER	[B67109376] C67192599
YEARPNBUPW2AHRHR0035XVPKR0	B67109376_C67192601	NUMBER	[B67109376] C67192601
YEARPNDUPW2AHRHR0035XVPKR0	B67109376_C67192602	NUMBER	[B67109376] C67192602

YEARPNHUPW2AHRHR0035XVPKR0	B67109376_C67192604	NUMBER	[B67109376] C67192604
YEARPNJUPW2AHRHR0035XVPKR0	B67109376_C67192605	NUMBER	[B67109376] C67192605
XLSNXMHLUI2AIDKRB02OFAWJHK	VS_NORM_REL_PS_0KBPS_TIMEOUT	NUMBER	[B67109376] C67196302

7.7.44 HUA_CELL_RAB_ABNREL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXMFLUI2AIDKRB02OFAWJHK	VS_RAB_LOSS_VP_LIMIT	NUMBER	[B67109376] C67196233
UB2WGQTIYY2AHDHA0035XKCUC6	VS_CALLDROP_AMR_BESTCELL	NUMBER	[B67109376] C67192286
UB2WGQVIYY2AHDHA0035XKCUC6	VS_CALLDROP_PS_BESTCELL	NUMBER	[B67109376] C67192290
UB2WGQXIYY2AHDHA0035XKCUC6	VS_CALLDROP_VP_BESTCELL	NUMBER	[B67109376] C67192288
UB2WGR0IYY2AHDHA0035XKCUC6	VS_CALLNORMALREL_AMR_BESTCELL	NUMBER	[B67109376] C67192287
UB2WGR2IYY2AHDHA0035XKCUC6	VS_CALLNORMALREL_PS_BESTCELL	NUMBER	[B67109376] C67192291
UB2WGR4IYY2AHDHA0035XKCUC6	VS_CALLNORMALREL_VP_BESTCELL	NUMBER	[B67109376] C67192289

7.7.45 HUA_CELL_RAB_BLOCK_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

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CELL_ID		VARCHAR2(50)	[B67109373] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RV1FELUUAYCDPSGLIHLGPEOKRU	VS_RAB_BLOCK_PS_BKG_0_32	NUMBER	[B67109373] C67189543
SON4PIIEQBBHLCAJT1P11B3RCS	VS_RAB_BLOCK_PS_BKG_144_384	NUMBER	[B67109373] C67189544
XMUQ6B165KCP6B50QYR5XQW0TY	VS_RAB_BLOCK_PS_BKG_32_64	NUMBER	[B67109373] C67189545
TJOU3A61YKB30DT0GRYTNAUN0Y	VS_RAB_BLOCK_PS_BKG_64_144	NUMBER	[B67109373] C67189546
RULFSGK110BGRBKQFQXCVR2NE1	VS_RAB_BLOCK_PS_CONV_0_32	NUMBER	[B67109373] C67189547
S4D3XIQGNAC5MSLX6PE3P0RXG1	VS_RAB_BLOCK_PS_INT_0_32	NUMBER	[B67109373] C67189548
XMJQXWCDBRCQETTFLYN3K6PU4I	VS_RAB_BLOCK_PS_INT_144_384	NUMBER	[B67109373] C67189549
S3CRNR32NIBHQBU6OMYKIN3KA5	VS_RAB_BLOCK_PS_INT_32_64	NUMBER	[B67109373] C67189550
SKQNCVWJRACD4B0200ESHTTG2K	VS_RAB_BLOCK_PS_INT_64_144	NUMBER	[B67109373] C67189551
XQKPT25BXHBCJDOKTMAJVTGOM4	VS_RAB_BLOCK_PS_STR_0_32	NUMBER	[B67109373] C67189552
SX6I4546NXBTCCDRTHAMUKO4AA	VS_RAB_BLOCK_PS_STR_144_384	NUMBER	[B67109373] C67189553
STLTXB44FCCRUDGGPBWE4TQPQR	VS_RAB_BLOCK_PS_STR_32_64	NUMBER	[B67109373] C67189554
U0V0U520XEBILT63N65VS14BPW	VS_RAB_BLOCK_PS_STR_64_144	NUMBER	[B67109373] C67189555
TTGD5TS4KABRLDGCKYTIPGY1HT	VS_RAB_BLOCKPS_BKGMOR384	NUMBER	[B67109373] C67190417
T6A4CRAEKHC61S2VRKSVPVLYJR	VS_RAB_BLOCKPS_CONVMOR32	NUMBER	[B67109373] C67190418
VNYFPRML0DBKBDJ1HG44	VS_RAB_BLOCKPS_I	NUMBER	[B67109373] C67190447

TG0BQ3	NTMOR384		
WB033DJ3OWBJQC2CSMOYM13UUP	VS_RAB_BLOCKPS_STRMOR384	NUMBER	[B67109373] C67190419

7.7.46 HUA_CELL_RAB_EST_AMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
X0Q64H4H0PBQXE54QOKYF0RDN5	VS_RAB_ATTESTAB_AMR	NUMBER	[B67109368] C67179858
XTGSJUCPG2BRUT0166GDRWECDA	VS_RAB_ATTESTABCS_AMR_12_2	NUMBER	[B67109368] C67190457
UJFD3N6T03BRLSG3M26TNOTUAM	VS_RAB_ATTESTCS_AMR_4_75	NUMBER	[B67109368] C67190460
SNR1RAHIFSBJWT04GQTQMSRMKC	VS_RAB_ATTESTCS_AMR_5_9	NUMBER	[B67109368] C67190459
YLOOR1JB35CHWSD4YPUPBPBYJL	VS_RAB_ATTESTCS_AMR_7_95	NUMBER	[B67109368] C67190458
XPG1CFJU5DCPYSRE0BP0JPDJQ5	VS_RAB_SUCCESTAB_AMR	NUMBER	[B67109368] C67179860
XITX4TYHLSBPKDJ6FPGESSUQWU	VS_RAB_SUCCESTABCS_AMR_12_2	NUMBER	[B67109368] C67190461
U4L6TTFEFECK3RLQUBAIDQ1Y6P	VS_RAB_SUCCESTCS_AMR_4_75	NUMBER	[B67109368] C67190464
VW0VHVT3WDB2FT4NNJTNDO1FT4	VS_RAB_SUCCESTCS_AMR_5_9	NUMBER	[B67109368] C67190463
UCGTR1D3ULCIDEOKIA5M1PWJBC	VS_RAB_SUCCESTCS_AMR_7_95	NUMBER	[B67109368] C67190462

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7.7.47 HUA_CELL_RAB_EST_AMRWB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKPJIYY2AHDHA0035XKCUC6	VS_RAB_ATTESTABCS_AMRWB	NUMBER	[B67109368] C67192120
UH2KKR4IYY2AHDHA0035XKCUC6	VS_RAB_SUCCESTAB_AMRWB	NUMBER	[B67109368] C67192121

7.7.48 HUA_CELL_RAB_EST_CCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109545] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYCRLUI2AIDKRB02OFAWJHK	RRC_ATTCONNESTAB_EFACH	NUMBER	[B67109545] C67193111
XLSNYCTLUI2AIDKRB02OFAWJHK	RRC_SUCCCONEST_EFACH	NUMBER	[B67109545] C67193112
XLSNYCVLUI2AIDKRB02OFAWJHK	RRC_CONNESTABTIMEMAX_CCH_FACH	NUMBER	[B67109545] C67193113
XLSNYCXLUI2AIDKRB02OFAWJHK	RRC_CONNESTTIMEMAX_CCH_HSDSCH	NUMBER	[B67109545] C67193114
XLSNYD0LUI2AIDKRB02OFAWJHK	RRC_CONNESTABTIME_CCH_FACH_CUM	NUMBER	[B67109545] C67193115
XLSNYD2LUI2AIDKRB02OFAWJHK	RRC_CONNESTTIME_CCH_FACH_SPL	NUMBER	[B67109545] C67193116
XLSNYD4LUI2AIDKRB02OFAWJHK	RRC_CONNESTTIME_CCH_HSDSCH_CUM	NUMBER	[B67109545] C67193117
XLSNYD6LUI2AIDKRB02OFAWJHK	RRC_CONNESTTIME_CCH_HSDSCH_SPL	NUMBER	[B67109545] C67193118

XLSNYDBLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTPS_EFACH	NUMBER	[B67109545] C67193119
XLSNYDDLUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTPS_EFACH	NUMBER	[B67109545] C67193120
XLSNYDFLUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_FACH_MAXTIME	NUMBER	[B67109545] C67193121
XLSNYDHLUI2AIDKRB02OFAWJHK	RAB_EST_PS_CCH_HSDSCH_MAXTIME	NUMBER	[B67109545] C67193122
XLSNYDJLUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_FACH_CUM	NUMBER	[B67109545] C67193123
XLSNYDLLUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_FACH_SAMPLE	NUMBER	[B67109545] C67193124
XLSNYDNLUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_HSDSCH_CUM	NUMBER	[B67109545] C67193125
XLSNYDPLUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_HSDSCH_SAMPLE	NUMBER	[B67109545] C67193126
XLSNYDRLUI2AIDKRB02OFAWJHK	RAB_ABNORM_REL_PS_EFACH	NUMBER	[B67109545] C67193127
XLSNYDTLUI2AIDKRB02OFAWJHK	RAB_NORM_REL_PS_EFACH	NUMBER	[B67109545] C67193128
XLSNYDVLUI2AIDKRB02OFAWJHK	RRC_CONNESTABTIMEMEAN_CCH_FACH	FLOAT	[B67109545] C67204167
XLSNYDXLUI2AIDKRB02OFAWJHK	RRC_CONNESTTIMEMEAN_CCH_HSDSCH	FLOAT	[B67109545] C67204168
XLSNYE0LUI2AIDKRB02OFAWJHK	RAB_ESTAB_PS_CCH_FACH_MEANTIME	FLOAT	[B67109545] C67204169
XLSNYE2LUI2AIDKRB02OFAWJHK	RAB_EST_PS_CCH_HSDSCH_MEANTIME	FLOAT	[B67109545] C67204170
XLSNYE4LUI2AIDKRB02OFAWJHK	VS_MAC_CRNCIUBBYTESEFACH_TX	NUMBER	[B67109545] C67204778

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7.7.49 HUA_CELL_RAB_EST_CS_STR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YFCVUGOVDFB4TBIC4XXSCKIJQE	VS_RAB_ATT_EST_CS_STR_0_32	NUMBER	[B67109368] C67189477
S6LPMVYENVCYTU134OVYXNIPPV	VS_RAB_ATT_EST_CS_STR_32_64	NUMBER	[B67109368] C67189478
RHHRV5JRKJCHPSDEILIQOSPWB0	VS_RAB_ATTESCSQUEUE_STM_CELL	NUMBER	[B67109368] C67189480
VB2SI6JQYIC5TTRWAS6CEWJQAA	VS_RAB_ATTESTABCS_STR	NUMBER	[B67109368] C67179826
T2LEBR1REHB1TUL41DI2CD3YUB	VS_RAB_CSQUEUETIME_STR_CELL	FLOAT	[B67109368] C67189483
WLBTNM621NC0FSQ5YWLAAYKKJD	VS_RAB_SUC_EST_CS_STR_0_32	NUMBER	[B67109368] C67189488
U3QJFJOJT1B2YDSCD6L3LXSPXU	VS_RAB_SUC_EST_CS_STR_32_64	NUMBER	[B67109368] C67189489
RTRDK56GX4B5GRRDJLFR1NRWSX	VS_RAB_SUCCESTABCS_STR	NUMBER	[B67109368] C67179828
S44X3AV53ABR0E0UURA6VXTJSU	VS_RAB_TIMEDURCS_STR	NUMBER	[B67109368] C67189485

7.7.50 HUA_CELL_RAB_EST_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXLRLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTABCS_VP_LIMIT	NUMBER	[B67109368] C67196232

7.7.51 HUA_CELL_RAB_EST_CSCONV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23HTILK2AHDH6B035XKCUC6	VS_RAB_SUCCESTABCS_CONV_64	NUMBER	[B67109368] C67189487
XLSNXLBLUI2AIDKRB02OFAWJHK	HSPA_UE_MEAN_CS_CONV_CELL_V200	FLOAT	[B67109368] C67204853
XLSNXLDLUI2AIDKRB02OFAWJHK	HSPA_UE_MEAN_CS_CONV_CELL_V100	FLOAT	[B67109368] C67204245
XLSNXLNLUI2AIDKRB02OFAWJHK	VS_HSPA_RAB_ATTESTAB_CS_CONV	NUMBER	[B67109368] C67196202
XLSNXLPLUI2AIDKRB02OFAWJHK	VS_HSPA_RAB_SUCCESTAB_CS_CONV	NUMBER	[B67109368] C67196203
YIMGSWKXY4B44CJ4A5AKVKJ6RS	VS_RAB_ATTESCSQUEUE_CON_CELL	NUMBER	[B67109368] C67189479
TGY25034BCBGCCDHX3DCCNWOQS	VS_RAB_ATTESTABCS_CONV	NUMBER	[B67109368] C67179825
TGKDIHDX3TBOYBJURG10WAVGY2	VS_RAB_ATTESTABCS_CONV_32	NUMBER	[B67109368] C67189475
YGO6G16W35BGYEER0DCJGBWRE5	VS_RAB_ATTESTABCS_CONV_64	NUMBER	[B67109368] C67189476
TM1UH51MJOCBEUSR11GTGWVBSA	VS_RAB_ATTESTCS_CONV_32	NUMBER	[B67109368] C67190465
UEFIRWEXEIBKTUNTXSTU22HFQH	VS_RAB_ATTESTCS_CONV_64	NUMBER	[B67109368] C67179859
XFOUKS0QC3BRSDIXNK3F0JSO4I	VS_RAB_CSQUEUETIME_CON_CELL	FLOAT	[B67109368] C67189482
R2GLPKKXFSBRCRAIGILFM	VS_RAB_SUCCESTA	NUMBER	[B67109368] C67179827

YATAP	BCS_CONV		
YLGBISM505BE1UGKOW0IJ0UKPN	VS_RAB_SUCCESTABCS_CONV_32	NUMBER	[B67109368] C67189486
THBQRMDTWPCQGEXDNX3TM5KWFC	VS_RAB_SUCCESTCS_CONV_32	NUMBER	[B67109368] C67190466
UJW6QD0UJHB3DRJYLOIFWUIVWH	VS_RAB_SUCCESTCS_CONV_64	NUMBER	[B67109368] C67179861
XOCSQXKNJ5BD1CAYLKNW40ODOO	VS_RAB_TIMEDURCS_CONV	NUMBER	[B67109368] C67189484

7.7.52 HUA_CELL_RAB_EST_DCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXLJLUI2AIDKRB02OFAWJHK	VS_RAB_ESTAB_CS_DCH_CUM	NUMBER	[B67109368] C67192721
XLSNXLLLUI2AIDKRB02OFAWJHK	VS_RAB_ESTAB_CS_DCH_SAMPLE	NUMBER	[B67109368] C67192722

7.7.53 HUA_CELL_RAB_EST_PS_BKG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXM6LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTABPS_BKG_RATE	FLOAT	[B67109372] C67204825
YDYMGPGJN3CLMDE5C1UPU4LMXH	VS_RAB_ATT_EST_PS_BKG_144384	NUMBER	[B67109372] C67189502
YXCGSQIAM3BL4E4SAPR3QYNPV2	VS_RAB_ATT_EST_PS_BKG_32_64	NUMBER	[B67109372] C67189503

TAYJXB1HMGCKLD3AWGB3WTGKME	VS_RAB_ATTESTABPS_BKG	NUMBER	[B67109372] C67179924
RDDWEYWRADCBURSWC3145FY0UB	VS_RAB_SUC_EST_PS_BKG_0_32	NUMBER	[B67109372] C67189527
RVBYRP3UKOBHEU4XCBB2QXKN5D	VS_RAB_SUC_EST_PS_BKG_144384	NUMBER	[B67109372] C67189528
RY25LRAM34BRETLT6BQWJA2J1Y	VS_RAB_TIMEDURPS_BKG	NUMBER	[B67109372] C67190446
XV1PPR2I1PCIOS5O3CCYFYY5SG	VS_RAB_ATT_EST_PS_BKG_0_32	NUMBER	[B67109372] C67189501
W3VLKLNMKVBRVEUJ66EDO6E0VK	VS_RAB_ATT_EST_PS_BKG_64_144	NUMBER	[B67109372] C67189504
YTAQ3SJ5VPCY6RRPBK63MW36WA	VS_RAB_ATT_EST_PS_BKG_MOR384	NUMBER	[B67109372] C67189505
Y3MT3GMB1VBMVD0AMJG6DUCM3G	VS_RAB_ATTESPSQUEUE_BKG_CELL	NUMBER	[B67109372] C67189518
RFAOPS542UCARSUKVB6ORH0HU4	VS_RAB_PSQUEUETIME_BKG_CELL	FLOAT	[B67109372] C67189523
VS3N26MH2PC3DBFBMJWHDWWRM2	VS_RAB_SUC_EST_PS_BKG_32_64	NUMBER	[B67109372] C67189529
YAU2GX6JHUBXCRFW600KTVIVOR	VS_RAB_SUC_EST_PS_BKG_64_144	NUMBER	[B67109372] C67189530
UOI2X502AUCP4TENY2Q6MARDXN	VS_RAB_SUCCESTABPS_BKG	NUMBER	[B67109372] C67179928
VKYAVWTPF0CRLSJ12HU3NTSK1Y	VS_RAB_SUCESTPS_BKGMOR384	NUMBER	[B67109372] C67191600

7.7.54 HUA_CELL_RAB_EST_PS_CV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id

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TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXM0LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTABPS_CONV_RATE	FLOAT	[B67109372] C67204822
VPBI0LW2IWC5BTX4BBQ1O452T4	VS_RAB_ATT_EST_PS_CONV_0_32	NUMBER	[B67109372] C67189506
STINCVI416CRMR06KG2AIBT0IW	VS_RAB_ATT_EST_PS_CONV_MOR32	NUMBER	[B67109372] C67189507
R6QMVPKIX5CVRBAY526WDPNTPE	VS_RAB_ATTESPSQUEUE_CON_CELL	NUMBER	[B67109372] C67189519
XAHTLJLUW1CXEDGRBF0DOBGQXB	VS_RAB_ATTESTABPS_CONV	NUMBER	[B67109372] C67179921
WWXYB41K0IC4HB0343GMHXFQCU	VS_RAB_PSQUEUETIME_CON_CELL	FLOAT	[B67109372] C67189524
SWEO10UQG1B64STG1TKQHR2EQ2	VS_RAB_SUC_EST_PS_CONV_0_32	NUMBER	[B67109372] C67189531
Y3S3FLVKVKC5XDQAPG1T5QIEFT	VS_RAB_SUCCESTABPS_CONV	NUMBER	[B67109372] C67179925
VKGHPMXGWNCIKTP55UUHBSJMGG	VS_RAB_SUCESTPS_CONVMOR32	NUMBER	[B67109372] C67190415
VDMUHCVW5XC30CI1K1UT0E0AF3	VS_RAB_TIMEDURPS_CONV	NUMBER	[B67109372] C67189540
UFN4JNDCLWCYBSSBAVG4A53555	VS_RAB_PSQTIME_BKG_CELL_CUM	FLOAT	[B67109372] C67190425
RLH2UIEGPIC1QCI25X50CQYXBE	VS_RAB_PSQTIME_BKG_CELL_SAMPLE	FLOAT	[B67109372] C67190426
WXWL12LPGYBI0TE11NJUBA6CHM	VS_RAB_PSQUEUETIME_CON_CELL_CU	FLOAT	[B67109372] C67190427
TQWBWDV3EICTMBPDLP5VFWPJO6	VS_RAB_PSQUEUETIME_CON_CELL_SA	FLOAT	[B67109372] C67190428
XNEDYH6D0RB1LU42SKUMEYHPY5	VS_RAB_PSQUEUETIME_INT_CELL_CU	FLOAT	[B67109372] C67190429
TWNKWU6H3ICMMUOBLBVM1O6LI6	VS_RAB_PSQUEUETIME_INT_CELL_SA	FLOAT	[B67109372] C67190430
VPIJBGB4RGCRABS3KY0N	VS_RAB_PSQUEUETI	FLOAT	[B67109372] C67190431

W2AIS2	ME_STR_CELL_CU		
YT5QO34LTNBIGS6OTEXN3QJTE0	VS_RAB_PSQUEUETIME_STR_CELL_SA	FLOAT	[B67109372] C67190432

7.7.55 HUA_CELL_RAB_EST_PS_DCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXLTLUI2AIDKRB02OFAWJHK	VS_RAB_ESTAB_PS_DCH_CUM	NUMBER	[B67109372] C67192723
XLSNXLVLUI2AIDKRB02OFAWJHK	VS_RAB_ESTAB_PS_DCH_SAMPLE	NUMBER	[B67109372] C67192724

7.7.56 HUA_CELL_RAB_EST_PS_GL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XBHVXMHAHK26SDGMB00HW05BPA	VS_RAB_ATTESTPS_CMB_CELL	NUMBER	[B67109372] C67190596
XBKPCF2AHK26SDGMB00HW05BPA	VS_RAB_SUCESTPS_CMB_CELL	NUMBER	[B67109372] C67190597
YEARPMNUPW2AHRHR0035XVPKR0	B67109372_C67192717	FLOAT	[B67109372] C67192717
YEARPMPUPW2AHRHR0035XVPKR0	B67109372_C67192718	FLOAT	[B67109372] C67192718

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YEARPMRUPW2AHRHR0035XVPKR0	B67109372_C67192719	NUMBER	[B67109372] C67192719
YEARPMTUPW2AHRHR0035XVPKR0	B67109372_C67192720	NUMBER	[B67109372] C67192720
XLSNXLXLUI2AIDKRB02OFAWJHK	VS_RAB_SUC_EST_PS_0KBPS	NUMBER	[B67109372] C67196301
RNBJSBH0W3C63BX0K0LVGLDNF3	VS_RAB_ATTESTPS_128	NUMBER	[B67109372] C67179969
WTJYRACRRXCFBBVDSYGVQSCB6K	VS_RAB_ATTESTPS_384	NUMBER	[B67109372] C67179968
W40B40M641BAWBFH10G2JH1MUT	VS_RAB_ATTESTPS_64	NUMBER	[B67109372] C67179970
S2O3OBGBUTBOSRTJ0VMOHVGQID	VS_RAB_CCH_MAX	NUMBER	[B67109372] C67179787
RC6NPF1WDUCYICD5FQT6M2LPH1	VS_RAB_CCH_MEAN	FLOAT	[B67109372] C67199523
VBJPB61NKXBNPRCKSFSK1DIHQY	VS_RAB_CCH_MIN	NUMBER	[B67109372] C67179788
WSHVFU142QBUQD61NVGM5O2FIH	VS_RAB_DCH_MAX	NUMBER	[B67109372] C67179783
UBHLATBNE1BL2BAOWGTSBCWMWN	VS_RAB_DCH_MEAN	FLOAT	[B67109372] C67199522
T0O3QBJOULC31EXYUXX0MOCUMK	VS_RAB_DCH_MIN	NUMBER	[B67109372] C67179784
T2KHCXSODHCB4RF0GBL0WNQWDH	VS_RAB_SUCCESTPS_128	NUMBER	[B67109372] C67179972
T2KVVLFR24BD0UPSDR1YEIYDOA	VS_RAB_SUCCESTPS_384	NUMBER	[B67109372] C67179971
XJ0T51SEIYCHUSOK1RM1STCWJL	VS_RAB_SUCCESTPS_64	NUMBER	[B67109372] C67179973

7.7.57 HUA_CELL_RAB_EST_PS_INT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXM4LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTABPS_INTER_RATE	FLOAT	[B67109372] C67204824
UPTWKBKCUHCIREYLOJI603OO02	VS_RAB_ATT_EST_PS_INT_0_32	NUMBER	[B67109372] C67189508
SHPH4UFRL2B2FDJU5TDI6EJWUK	VS_RAB_ATT_EST_PS_INT_144384	NUMBER	[B67109372] C67189509
WQLOGCHGC0C1TBUGDNUT3142Y2	VS_RAB_ATT_EST_PS_INT_32_64	NUMBER	[B67109372] C67189510
T5BU36WHLOB3BULIG45VTYH5Q3	VS_RAB_ATT_EST_PS_INT_64_144	NUMBER	[B67109372] C67189511
SEGV4K5GJ5BDVSCDUU3PFBJXS2	VS_RAB_ATT_EST_PS_INT_MOR384	NUMBER	[B67109372] C67189512
VHYP516TXQBDNSE2AID5R40OWY	VS_RAB_ATTESPSQUEUE_INT_CELL	NUMBER	[B67109372] C67189520
VASEICOJTOBXSEXVQRLGONPD54	VS_RAB_ATTESTABPS_INTER	NUMBER	[B67109372] C67179923
TUYVGLPVO2BWWE6N2U3S1X00PB	VS_RAB_PSQUEUETIME_INT_CELL	FLOAT	[B67109372] C67189525
T3ES2PUNH5CCGRP0EJJKPPDQV0	VS_RAB_SUC_EST_PS_INT_0_32	NUMBER	[B67109372] C67189532
SGORHKBOVGB6YRBCQNX3S2OJPX	VS_RAB_SUC_EST_PS_INT_144384	NUMBER	[B67109372] C67189533
TJBDHGDQ6XCVEERKVT1IYPMJ55	VS_RAB_SUC_EST_PS_INT_32_64	NUMBER	[B67109372] C67189534
ST61UWXDCVC5SBHYD0VIQLKUSO	VS_RAB_SUC_EST_PS_INT_64_144	NUMBER	[B67109372] C67189535
SMCW2NN0ISCLPRGPSMALACTDLX	VS_RAB_SUCCESTABPS_INTER	NUMBER	[B67109372] C67179927
WOW5CQA0H1CVKBIWRQVBVC2HUD	VS_RAB_SUCESTPS_INTMOR384	NUMBER	[B67109372] C67190416

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VW14OI5RS2CG4RUP6ERDIYMXWO	VS_RAB_TIMEDURPS_INT	NUMBER	[B67109372] C67189541

7.7.58 HUA_CELL_RAB_EST_PS_STR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109372] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXM2LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTABPS_STR_RATE	FLOAT	[B67109372] C67204823
Y2V0FJREOSBMXTT2C5PFW5E2OR	VS_RAB_ATT_EST_PS_STR_0_32	NUMBER	[B67109372] C67189513
UNFG3LK406C0JRMVVT1MPWOPK1	VS_RAB_ATT_EST_PS_STR_144384	NUMBER	[B67109372] C67189514
X4YCHCI5SXBRRRDDK2OG520NOX	VS_RAB_ATT_EST_PS_STR_32_64	NUMBER	[B67109372] C67189515
TRUXOGFU4SC54BF0CF4WDRI6GB	VS_RAB_ATT_EST_PS_STR_64_144	NUMBER	[B67109372] C67189516
UNXGPCO62FCMJB6OWS4XQACSMW	VS_RAB_ATT_EST_PS_STR_MOR384	NUMBER	[B67109372] C67189517
YEYMLU65P4CGCBXNVOMUN65DPA	VS_RAB_ATTESPSQUEUE_STM_CELL	NUMBER	[B67109372] C67189521
WRCHMNN3SWCMCTJBEDIM34VAKI	VS_RAB_ATTESTABPS_STR	NUMBER	[B67109372] C67179922
Y4RQXYQC6LBDAB04OVVNP6RNIT	VS_RAB_PSQUEUETIME_STR_CELL	FLOAT	[B67109372] C67189526
XINHQW5KRECXPCSCLPFSD23NH2	VS_RAB_SUC_EST_PS_STR_0_32	NUMBER	[B67109372] C67189536
VMKIBITVE1CDIEVUONETN2DON4	VS_RAB_SUC_EST_PS_STR_32_64	NUMBER	[B67109372] C67189537
TA05K5LAGKCP3U02WR1IUHWAVR	VS_RAB_SUC_EST_PS_STR_64_144	NUMBER	[B67109372] C67189538
X1QUX1F34MCG3CWRJUI2B	VS_RAB_SUC_EST_P	NUMBER	[B67109372] C67189539

UUHFP	S_STR144384		
VB5VD6XN3ABJXS4B6AUPSGRTAH	VS_RAB_SUCCESTABPS_STR	NUMBER	[B67109372] C67179926
R1KPOGEM6GCX1TEXV4K30VGUHL	VS_RAB_SUCESTPS_STRMOR384	NUMBER	[B67109372] C67190445
VUBMPLLYFMCTIDW4YW5RICOMJA	VS_RAB_TIMEDURPS_STR	NUMBER	[B67109372] C67189542

7.7.59 HUA_CELL_RAB_ESTFAIL_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109369] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPMJUPW2AHRHR0035XVPKR0	B67109369_C67192610	NUMBER	[B67109369] C67192610
YEARPMLUPW2AHRHR0035XVPKR0	B67109369_C67192611	NUMBER	[B67109369] C67192611
Y6JCGJI3LUCAJRCWFEA6UQ4LVA	VS_RAB_BLOCK_CS_CONV_0_32	NUMBER	[B67109369] C67189490
UVN0QLOQU6BQRCS4QURU2JBNTK	VS_RAB_BLOCK_CS_CONV_32_64	NUMBER	[B67109369] C67189491
X6MYIBDADPBHXCK0CXXIFBUEAN	VS_RAB_BLOCK_CS_STR_0_32	NUMBER	[B67109369] C67189492
WABDL0K4L4BR6C0I64S01UK54N	VS_RAB_BLOCK_CS_STR_32_64	NUMBER	[B67109369] C67189493
T6LJV4LVLVCWSCEONK5XJ56RIV	VS_RAB_FAILESTABCS_CONG	NUMBER	[B67109369] C67189494
RKWUSYPLBFBBFSMLAQ3GNBFB23	VS_RAB_FAILESTABCS_RNL	NUMBER	[B67109369] C67189495

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SFIPQDBMPTBSTS3VEWJUG2EP0O	VS_RAB_FAILESTABCS_TNL	NUMBER	[B67109369] C67189496
UK5AY350WQB1MB6FGX51WDAF1R	VS_RAB_FAILESTCS_CODE_CONG	NUMBER	[B67109369] C67179864
W2VTCTUVA0CFIBRKBYKGPN50GY	VS_RAB_FAILESTCS_DLCE_CONG	NUMBER	[B67109369] C67190407
WCLCFQGKLECCKT4JKX2S6BIWBK	VS_RAB_FAILESTCS_IUB_BAND	NUMBER	[B67109369] C67181407
W3UGIP6640CJ5BCOSOVBQO544K	VS_RAB_FAILESTCS_POWER_CONG	NUMBER	[B67109369] C67179862
VFBD31H6J3CGWTU56N3EYSOYQH	VS_RAB_FAILESTCS_RELO	NUMBER	[B67109369] C67179831
WAHEPKDK3WBGNTCAIIYPGIAR0C	VS_RAB_FAILESTCS_RIPFAIL	NUMBER	[B67109369] C67179865
SVT2TGISHXBSKE6OQG3PBUOV1O	VS_RAB_FAILESTCS_ULCE_CONG	NUMBER	[B67109369] C67190406
VSWGQLRFN5CTNTSKAVSJRYEQIR	VS_RAB_FAILESTCS_UNSP	NUMBER	[B67109369] C67179830

7.7.60 HUA_CELL_RAB_ESTFAIL_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109373] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPMVUPW2AHRHR0035XVPKR0	B67109373_C67192612	NUMBER	[B67109373] C67192612
YEARPMXUPW2AHRHR0035XVPKR0	B67109373_C67192613	NUMBER	[B67109373] C67192613
SINEQVTG31BGXCFDGP4F2GQ22W	VS_RAB_FAILESTPS_CODE_CONG	NUMBER	[B67109373] C67179967
YSSTDPJ64UB6PUU2SA6QAXEUXS	VS_RAB_FAILESTPS_DLCE_CONG	NUMBER	[B67109373] C67190409
TD1UC1IJXCCMMEGDT2PH	VS_RAB_FAILESTPS	NUMBER	[B67109373] C67181408

0Y5UDQ	_IUB_BAND		
VP1JD3AB33CEAB2P0OOXTJGVB0	VS_RAB_FAILESTPS_NRESAVAIL	NUMBER	[B67109373] C67179932
VK661QLFGHBYNEPGRHJEO1A1JD	VS_RAB_FAILESTPS_PAR	NUMBER	[B67109373] C67179929
SFS40AI03KBFVDFQJT6QJNUHAV	VS_RAB_FAILESTPS_POWER_CONG	NUMBER	[B67109373] C67179965
Y4NCXJCE3XCIMEFRC1KLLUAD6T	VS_RAB_FAILESTPS_RELO	NUMBER	[B67109373] C67179931
RUHXGKSONFCIIEQN214OIOFG2Y	VS_RAB_FAILESTPS_RIPFAIL	NUMBER	[B67109373] C67179974
RX6G10HKEUC3ARMDQG2VDX03QX	VS_RAB_FAILESTPS_RNL	NUMBER	[B67109373] C67189556
W2DK4N1SRTC6MCAJ01KXGARDQ3	VS_RAB_FAILESTPS_TNL	NUMBER	[B67109373] C67189557
VE3S1IC1M6B11CAR32B5JTN6DV	VS_RAB_FAILESTPS_ULCE_CONG	NUMBER	[B67109373] C67190408
YEELVYWQHVBCGE1LYA14OK5NTO	VS_RAB_FAILESTPS_UNSP	NUMBER	[B67109373] C67179930

7.7.61 HUA_CELL_RAB_MODIFY_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109370] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGSRIYY2AHDHA0035XKCUC6	VS_FBACK_RABMODREQCS_CONV_CELL	NUMBER	[B67109370] C67203801
YTGFBJ1T3XB3WUWVGWJ31F5FJF	VS_RAB_ATTESTMODCS_CONV	NUMBER	[B67109370] C67179835

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V3LGVV6YD3CVPC0YR22GQB2YJB	VS_RAB_ATTESTMODCS_STR	NUMBER	[B67109370] C67179836
WBHW6WYQVBB43SLXWVRR0Y3ERE	VS_RAB_FAILMODCS_CONG	NUMBER	[B67109370] C67179841
VT4YAUU2HPBPME6POIW04SUS3A	VS_RAB_FAILMODCS_PARAM	NUMBER	[B67109370] C67189497
RRGLCQ0X2RBY0CFRWCRHXBAYUO	VS_RAB_FAILMODCS_RELOC	NUMBER	[B67109370] C67189498
XFG35H4S5BCSFSDT0OYUAN3TMX	VS_RAB_FAILMODCS_TNL	NUMBER	[B67109370] C67179840
SOUSRSB2W4CRTEN166XY5STCAP	VS_RAB_FAILMODCS_UNSUP	NUMBER	[B67109370] C67189499
TCLTUI6WS4B5GCNUVVRH1304XV	VS_RAB_SUCCMODCS_CONV	NUMBER	[B67109370] C67179837
RYLQEBSYJSBEDD1TARVUCO3Q5M	VS_RAB_SUCCMODCS_STR	NUMBER	[B67109370] C67179838

7.7.62 HUA_CELL_RAB_MODIFY_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109374] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TV0N5QD2QKCV3UHVH4DSTTW2WK	VS_RAB_ATTESTMODPS_BKG	NUMBER	[B67109374] C67179937
YDAY5T41F5C4KULTBU05WM4D4R	VS_RAB_ATTESTMODPS_CONV	NUMBER	[B67109374] C67179934
YK4120B1DUBB2D4IFSEABO4H4Y	VS_RAB_ATTESTMODPS_INTER	NUMBER	[B67109374] C67179936
V0P6GOGCN6B1KBVC6RT3JBONME	VS_RAB_ATTESTMODPS_STR	NUMBER	[B67109374] C67179935
T1I2CWC1XKCR2DL343QS25HTKC	VS_RAB_FAILMODPS_CONG	NUMBER	[B67109374] C67179944
RYVYOQWYF6BCHBJRUDJR	VS_RAB_FAILMODP	NUMBER	[B67109374] C67189558

YXMSID	S_PARAM		
RHRJ0PGUDMBJOTUQCOOK2QTFQC	VS_RAB_FAILMODPS_RELOC	NUMBER	[B67109374] C67189559
VJJNX1BMDJBB3EFFHN6X2U6VM4	VS_RAB_FAILMODPS_TNL	NUMBER	[B67109374] C67179943
RRXLMPUVRVBBFD3HR0NXUBD5MW	VS_RAB_FAILMODPS_UNSUP	NUMBER	[B67109374] C67189560
R2ASVFJYJDC4GSDGA5RBH5YFPM	VS_RAB_SUCCMODPS_BKG	NUMBER	[B67109374] C67179941
WPQTVYPTWRCLMEPIFRKEN3A1GT	VS_RAB_SUCCMODPS_CONV	NUMBER	[B67109374] C67179938
UQ1NGQRFYFCU1TP00JP2S1RYMS	VS_RAB_SUCCMODPS_INTER	NUMBER	[B67109374] C67179940
W3MYFUR5N0CS1SGB5FT4EXNFVM	VS_RAB_SUCCMODPS_STR	NUMBER	[B67109374] C67179939

7.7.63 HUA_CELL_RAB_QTIME_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109368] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPMFUPW2AHRHR0035XVPKR0	B67109368_C67192715	FLOAT	[B67109368] C67192715
YEARPMHUPW2AHRHR0035XVPKR0	B67109368_C67192716	NUMBER	[B67109368] C67192716
XBCUHPDAHK26SDGMB00HW05BPA	VS_RAB_CSQTIME_CON_CELL_CUM	NUMBER	[B67109368] C67190421
XBDWOADAHK26SDGMB00HW05BPA	VS_RAB_CSQTIME_CON_CELL_SP	NUMBER	[B67109368] C67190422

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XBF1DIXAHK26SDGMB00HW05BPA	VS_RAB_CSQTIME_STR_CELL_CUM	NUMBER	[B67109368] C67190423
XBG4HPDAHK26SDGMB00HW05BPA	VS_RAB_CSQTIME_STR_CELL_SP	NUMBER	[B67109368] C67190424

7.7.64 HUA_CELL_RAB_RELEASE_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109371] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UF2B41LDVVCRDDXQKXEAJH6FRX	VS_CN_RAB_LOSS_CS	NUMBER	[B67109371] C67190745
S625HEHIKMC2LSLCRYWIS2DYRB	VS_RAB_ATTRELCS_CONV	NUMBER	[B67109371] C67179843
X6TTX3O1OQC3IRUQEBIPU5DGVS	VS_RAB_ATTRELCS_NETOPT	NUMBER	[B67109371] C67179850
WMGXI0FPC2B1PC15ETHK66QRDP	VS_RAB_ATTRELCS_NORMREL	NUMBER	[B67109371] C67179845
YJMWNEBAOCCNJRW40AJP2CNNQM	VS_RAB_ATTRELCS_OM	NUMBER	[B67109371] C67179849
RTR1R0V56ABSYCFV3GLQAPLNKJ	VS_RAB_ATTRELCS_PREEMPT	NUMBER	[B67109371] C67179848
ULR1DYGODTCS0RUP1OCSR10IPE	VS_RAB_ATTRELCS_STR	NUMBER	[B67109371] C67179844
RJ5F3H2UANBRWBNOY215HCVHU1	VS_RAB_ATTRELCS_UEINACT	NUMBER	[B67109371] C67179847
TU54SAVG1VB56BOFUOYCUTAE4I	VS_RAB_ATTRELCS_UTRANGEN	NUMBER	[B67109371] C67189500

7.7.65 HUA_CELL_RAB_RELEASE_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109375] RNC_Id & "/" & Cell_Id

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RST2WDUCICB3LE4FD40VMQQ4NT	VS_CN_RAB_LOSS_PS	NUMBER	[B67109375] C67190755
YHVI35CO3EC3XDG6LBFS5LKS6K	VS_RAB_ATTRELPS_BKG	NUMBER	[B67109375] C67179949
VLXUAN35BWBI4EYDO2IRITNO3A	VS_RAB_ATTRELPS_CONV	NUMBER	[B67109375] C67179946
UPJ01RTWL0BQMCVCMFE0JY4M4N	VS_RAB_ATTRELPS_INTER	NUMBER	[B67109375] C67179948
RC3O3XB0HLBGRSOX4WIRIWFDJV	VS_RAB_ATTRELPS_NETOPTM	NUMBER	[B67109375] C67179955
XHVDH3UQLVCRBECIGI4EXFYE3N	VS_RAB_ATTRELPS_NORMREL	NUMBER	[B67109375] C67179950
UAWN1BDLH3B3DC2UXCCNXUBDCK	VS_RAB_ATTRELPS_OM	NUMBER	[B67109375] C67179954
X2X6LDM00SBCVBM1CX5U5HKVLJ	VS_RAB_ATTRELPS_RABPREEMPT	NUMBER	[B67109375] C67179953
W35IGJGE5LC4QE3NMBI5H24UQE	VS_RAB_ATTRELPS_STR	NUMBER	[B67109375] C67179947
RLHXDW6GU4BOBDGSMO12LAOCCN	VS_RAB_ATTRELPS_UEINACT	NUMBER	[B67109375] C67179952
SLVHBQMHHECMPU05DGCN2EIYLC	VS_RAB_ATTRELPS_UNSP	NUMBER	[B67109375] C67189561
UJWGD6L6XACVWU10BIEQK61SRU	VS_RAB_ATTRELPS_UTRANGEN	NUMBER	[B67109375] C67179951

7.7.66 HUA_CELL_RADADMCTRL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109391] RNC_Id &

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		R2(50)	"/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VV65G0NAUVCRIEHFGJOVFTG2HT	VS_RAC_CODEREJDL	NUMBER	[B67109391] C67181064
Y6EPQEJAEHB5IC3OEQ0A0V22FB	VS_RAC_DL_TOTALTRFFACTOR	FLOAT	[B67109391] C67199664
T3HMJNAGYYBU1RUFGXMHJYI0QV	VS_RAC_HHO_CODEASSIGNREJ_DL	NUMBER	[B67109391] C67189859
YUWFPY1WXLCWMDUOKOEFMYWFEK	VS_RAC_HHOADMISSIONREJ_DL	NUMBER	[B67109391] C67189860
TFDLHLJ4L6C5DUHWJE525RSGU1	VS_RAC_HHOADMISSIONREJ_UL	NUMBER	[B67109391] C67189861
RENO2RYC4HCWJT55H00YOYWLNG	VS_RAC_HHOCALLACC	NUMBER	[B67109391] C67181079
SNQPCGQBQVCW0CTSJOWIQRCJ4X	VS_RAC_HHOCALLREQ	NUMBER	[B67109391] C67181074
YLDODMCM65B4REJ0D0V6MERCTD	VS_RAC_NEWCALLACC	NUMBER	[B67109391] C67181076
XXLUNEF01HCM5TAR4VYNJLMW1F	VS_RAC_NEWCALLREQ	NUMBER	[B67109391] C67181071
YIO4JWVCEVC0PCW4HEU6NBRATC	VS_RAC_NOADMDL	NUMBER	[B67109391] C67181066
RKVQ5VX326BI5BA3XQADALB2XE	VS_RAC_NOADMUL	NUMBER	[B67109391] C67181065
T4ES0LINLYBYREYWYNBUE3IGQU	VS_RAC_RECONFIGCALLACC	NUMBER	[B67109391] C67181078
UDQAVU0U4XCA2EMOGK1OV256JR	VS_RAC_RECONFIGCALLREQ	NUMBER	[B67109391] C67181073
XGTY2T404FBDNSBEMEDQLWQO24	VS_RAC_SHOCALLACC	NUMBER	[B67109391] C67181077
W0A3HFJIACCLXCP1PDOUNE1JSH	VS_RAC_SHOCALLREQ	NUMBER	[B67109391] C67181072
XYETN40HN6CLPB5NADBCBFB4AM	VS_RAC_TRCHSWITCHCALLACC	NUMBER	[B67109391] C67181080

S0LIPV4SEFB06EM0C12TSKRY4E	VS_RAC_TRCHSWITCHCALLREQ	NUMBER	[B67109391] C67181075
YQAFPDMIDBB1ETLUPIIHUQ56RH	VS_RAC_UL_TOTALTRFFACTOR	FLOAT	[B67109391] C67199663
SUIHN0PURP2AHRHR0035XVPKR0	B67109391_C67194937	NUMBER	[B67109391] C67194937
RPWVGU634H2AISPAB035Y0HF3V	DCCC_E2E_REQRATEUP_UE	NUMBER	[B67109391] C67184359

7.7.67 HUA_CELL_RADBE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SRLXM0JTCECNLBN40UKJJQQ4TH	VS_ATTRBRECFG	NUMBER	[B67109378] C67180122
RICRUX2442CB1TBM5NKVNDBYYR	VS_ATTRBREL	NUMBER	[B67109378] C67180140
UIDNCC12OFBKRRSEM62XV3CVRT	VS_ATTRBSETUP	NUMBER	[B67109378] C67180113
SMYTGQQ5QCBA0TYN2G2BQM0V1F	VS_FAILRBRECFG_CELLUPD	NUMBER	[B67109378] C67180128
X50WDDUUD3BSMCHUTD54MMS10F	VS_FAILRBRECFG_CFGUNSUP	NUMBER	[B67109378] C67180124
WTMSUNHJT6CRGBVOU6II0YLE1H	VS_FAILRBRECFG_INCCFG	NUMBER	[B67109378] C67180129
RBOV2DM0GKCOXRHQLTWKXDXV15	VS_FAILRBRECFG_NOREPLY	NUMBER	[B67109378] C67180130
STFP0C63Q2CX4URLACUP13PP3T	VS_FAILRBRECFG_PHYCHFAIL	NUMBER	[B67109378] C67180125

R1ABKV45FFCGNRPTXQXAMEGWBW	VS_FAILRBREL_CELLUPD	NUMBER	[B67109378] C67180146
WM1JTALXJBBIGSEWOMI0JWXNTL	VS_FAILRBREL_CFGUNSUP	NUMBER	[B67109378] C67180142
UEJD1HMXIWC1SRM3PBDWIRTIA5	VS_FAILRBREL_INVCFG	NUMBER	[B67109378] C67180147
S1GHCMYSTIBF3EUYP2UUJJ42LU	VS_FAILRBREL_NOREPLY	NUMBER	[B67109378] C67180148
XFGBCJA51JBCXRWNQFT4RI2SXF	VS_FAILRBREL_PHYCHFAIL	NUMBER	[B67109378] C67180143
VNTVBK0QVUCEGSFOQ1YQCIIBHE	VS_FAILRBSETUP_CELLUPD	NUMBER	[B67109378] C67180119
T6NT6EXHT3BSEUEI501L1VEROH	VS_FAILRBSETUP_CFGUNSUP	NUMBER	[B67109378] C67180115
T5HL24UPVMCOSR5CF1SY4J52MR	VS_FAILRBSETUP_INCCFG	NUMBER	[B67109378] C67180120
RNC4SMBM2AB66SP3MTQRO5RESK	VS_FAILRBSETUP_NOREPLY	NUMBER	[B67109378] C67180121
TXPWMHEQR6C1OUJSG2GCDVUAR1	VS_FAILRBSETUP_PHYCHFAIL	NUMBER	[B67109378] C67180116
W2CHPXI5JXCFJERCYLHPBAYVGN	VS_RB_LOSS_PS_0_64	NUMBER	[B67109378] C67190684
WYKL25YSSLBGNB01I2TFPRIHSK	VS_RB_LOSS_PS_144_384	NUMBER	[B67109378] C67190686
Y4OIY04P2WBIWSH1Q3NRNVHDOX	VS_RB_LOSS_PS_64_144	NUMBER	[B67109378] C67190685
T3MCUV55SFBLGSMIOJR6FXMAT1	VS_RB_LOSS_PS_MOR384	NUMBER	[B67109378] C67190687
WTR4LGFHOMBNEDB2N1PW3VI6NI	VS_SUCCRBRECFG	NUMBER	[B67109378] C67180123
T0TG1XB6CRBSTUHKFLLHSOKYSF	VS_SUCCRBREL	NUMBER	[B67109378] C67180141
UFQWY1SFJTBV3BV0RRLSX3ADM5	VS_SUCCRBSETUP	NUMBER	[B67109378] C67180114
WT1JKYWPRJBDRUACGOEK	VS_RB_SUCCRECFG	NUMBER	[B67109378] C67190600

04Y4NG	PS_CMB_CELL		
UHSK3BN5QFBQPSBKJ5UXBUURBX	VS_RB_ATTRECFGPS_CMB_CELL	NUMBER	[B67109378] C67190599
XLSNXMVLUI2AIDKRB02OFAWJHK	VS_RB_RATEDOWN_TO_0KBPS	NUMBER	[B67109378] C67196303

7.7.68 HUA_CELL_RADBEUSGAMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TW1PQRISWGCQTUPWL6SGGOJ46R	VS_AMR_CTRL_DL10_2	FLOAT	[B67109378] C67199619
XQHH5FYFIKBFFSCDVJ36WBGDOO	VS_AMR_CTRL_DL12_2	FLOAT	[B67109378] C67199620
VJCQKC5IEJCYMBS242VJPYNOWD	VS_AMR_CTRL_DL4_75	FLOAT	[B67109378] C67199625
RGHIONTOBGBA6BK154BPA5DRWL	VS_AMR_CTRL_DL5_15	FLOAT	[B67109378] C67199624
W4LJKLFCKWBIJDXTU1IDF1VVYX	VS_AMR_CTRL_DL5_9	FLOAT	[B67109378] C67199623
YT0IR3AQK5BX2SOKTLYA1GQ2M4	VS_AMR_CTRL_DL6_7	FLOAT	[B67109378] C67199780
Y5FSXMJIFJBA4TRL1DHYVSJNV5	VS_AMR_CTRL_DL7_4	FLOAT	[B67109378] C67199622
XH2PDHRQ56CO5DKTUY56B40T0Y	VS_AMR_CTRL_DL7_95	FLOAT	[B67109378] C67199621
YBUS6XTRR5CQPR1W0J003OLOPI	VS_AMR_CTRL_UL10_2	FLOAT	[B67109378] C67199626

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VPNUHUQ2EFCH2CYS51E2D3BWA2	VS_AMR_CTRL_UL12_2	FLOAT	[B67109378] C67199627
WF01OHADEFCFGTSI1KQJXVN23M	VS_AMR_CTRL_UL4_75	FLOAT	[B67109378] C67199632
WJID50RYMOBSDDGEH6365OS6RJ	VS_AMR_CTRL_UL5_15	FLOAT	[B67109378] C67199631
UJEA2HWLNYB2OTSUWTPMMJ041T	VS_AMR_CTRL_UL5_9	FLOAT	[B67109378] C67199630
UHOLF6HM52CQVTNXCK3C14SYP0	VS_AMR_CTRL_UL6_7	FLOAT	[B67109378] C67199781
XL2MV0S0FMBP1T3PNVYB5FS4WH	VS_AMR_CTRL_UL7_4	FLOAT	[B67109378] C67199629
VR5FA3HTGACVMDP4BNSSCMX2TD	VS_AMR_CTRL_UL7_95	FLOAT	[B67109378] C67199628

7.7.69 HUA_CELL_RADBEUSGAMRWB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGNXIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL12_65	FLOAT	[B67109378] C67203809
UB2WGO0IYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL14_25	FLOAT	[B67109378] C67203808
UB2WGO2IYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL15_85	FLOAT	[B67109378] C67203807
UB2WGO4IYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL18_25	FLOAT	[B67109378] C67203806
UB2WGO6IYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL19_85	FLOAT	[B67109378] C67203805
UB2WGOBIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL23_05	FLOAT	[B67109378] C67203804
UB2WGODIYY2AHDHA003	VS_AMR_WB_CTRL	FLOAT	[B67109378] C67203803

5XKCUC6	_DL23_85		
UB2WGOFIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL6_60	FLOAT	[B67109378] C67203811
UB2WGOHIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_DL8_85	FLOAT	[B67109378] C67203810
UB2WGOJIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL12_65	FLOAT	[B67109378] C67203818
UB2WGOLIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL14_25	FLOAT	[B67109378] C67203817
UB2WGONIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL15_85	FLOAT	[B67109378] C67203816
UB2WGOPIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL18_25	FLOAT	[B67109378] C67203815
UB2WGORIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL19_85	FLOAT	[B67109378] C67203814
UB2WGOTIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL23_05	FLOAT	[B67109378] C67203813
UB2WGOVIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL23_85	FLOAT	[B67109378] C67203812
UB2WGOXIYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL6_60	FLOAT	[B67109378] C67203820
UB2WGP0IYY2AHDHA0035XKCUC6	VS_AMR_WB_CTRL_UL8_85	FLOAT	[B67109378] C67203819

7.7.70 HUA_CELL_RADBEUSGCS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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XY3A2DLVTCCKCSOGUWQV2XGANL	VS_RB_DLCONVCS_28_8	FLOAT	[B67109378] C67199559
RCA1CFNRFXBTRCXLAUYDI2O0XS	VS_RB_DLCONVCS_32	FLOAT	[B67109378] C67199558
R1WY5ITAO6CKHDCYAFHTGF1XI3	VS_RB_DLCONVCS_56	FLOAT	[B67109378] C67199557
VXF4BCQ322C2ARY12VFK15R4I3	VS_RB_DLCONVCS_64	FLOAT	[B67109378] C67199556
RKPRSMLLWJBQ6BKHUYRIC3KNLV	VS_RB_DLSTRCS_14_4	FLOAT	[B67109378] C67199565
XM1LSY1AATBXECXHCCIMPLHRTV	VS_RB_DLSTRCS_28_8	FLOAT	[B67109378] C67199564
RQXBOAIFVDB1PD3P1ROSDGX6TE	VS_RB_DLSTRCS_32	FLOAT	[B67109378] C67199563
YLOJKMSY4XCE5S400GEJXH0SQT	VS_RB_DLSTRCS_57_6	FLOAT	[B67109378] C67199560
RALRXBK33ACR5COBRHNW2AD2KC	VS_RB_DLSTRCS_64	FLOAT	[B67109378] C67199561
SVMJHNJPKYCMGB4VYJNGPAOQVM	VS_RB_ULSTRCS_64	FLOAT	[B67109378] C67199562

7.7.71 HUA_CELL_RADBEUSGDRD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGRNIYY2AHDHA0035XKCUC6	VS_DRD_RB_D2H_ATTIN	NUMBER	[B67109378] C67192442
UB2WGRPIYY2AHDHA0035XKCUC6	VS_DRD_RB_D2H_ATTOUT	NUMBER	[B67109378] C67192440
UB2WGRRIYY2AHDHA0035XKCUC6	VS_DRD_RB_D2H_SUCCIN	NUMBER	[B67109378] C67192443
UB2WGRTIYY2AHDHA0035	VS_DRD_RB_D2H_S	NUMBER	[B67109378] C67192441

XKCUC6	UCCOUT		
UB2WGRVIYY2AHDHA0035XKCUC6	VS_DRD_RBRECFG_ATTIN	NUMBER	[B67109378] C67192395
UB2WGRXIYY2AHDHA0035XKCUC6	VS_DRD_RBRECFG_ATTOUT	NUMBER	[B67109378] C67192393
UB2WGS0IYY2AHDHA0035XKCUC6	VS_DRD_RBRECFG_SUCCIN	NUMBER	[B67109378] C67192396
UB2WGS2IYY2AHDHA0035XKCUC6	VS_DRD_RBRECFG_SUCCOUT	NUMBER	[B67109378] C67192394
UB2WGS4IYY2AHDHA0035XKCUC6	VS_DRD_RBSETUP_ATTIN	NUMBER	[B67109378] C67192391
UB2WGS6IYY2AHDHA0035XKCUC6	VS_DRD_RBSETUP_ATTOUT	NUMBER	[B67109378] C67192389
UB2WGSBIYY2AHDHA0035XKCUC6	VS_DRD_RBSETUP_SUCCIN	NUMBER	[B67109378] C67192392
UB2WGSDIYY2AHDHA0035XKCUC6	VS_DRD_RBSETUP_SUCCOUT	NUMBER	[B67109378] C67192390

7.7.72 HUA_CELL_RADBEUSGDRDIF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXMJLUI2AIDKRB02OFAWJHK	IFREQ_CS_MBDR_RBSET_ATTOUT	NUMBER	[B67109378] C67196293
XLSNXMLLUI2AIDKRB02OFAWJHK	IFREQ_CS_MBDR_RBSET_SUCOUT	NUMBER	[B67109378] C67196294
XLSNXMNLUI2AIDKRB02OFAWJHK	IFREQ_PS_MBDR_R99_RBSET_ATTOUT	NUMBER	[B67109378] C67196295

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XLSNXMPLUI2AIDKRB02OFAWJHK	IFREQ_PS_MBDR_R99_RBSET_SUCOUT	NUMBER	[B67109378] C67196296
XLSNXMRLUI2AIDKRB02OFAWJHK	IFREQ_PS_MBDR_HRESC_RBSET_AO	NUMBER	[B67109378] C67196297
XLSNXMTLUI2AIDKRB02OFAWJHK	IFREQ_PS_MBDR_HRESC_RBSET_SO	NUMBER	[B67109378] C67196298

7.7.73 HUA_CELL_RADBEUSGPSBKG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XCWVLFSI6MBX0EBTGHQBHA3QXA	VS_RB_DLBKGPS_128	FLOAT	[B67109378] C67199594
W6O2RUQF1UCSLBGXE2Y1OAMJRC	VS_RB_DLBKGPS_144	FLOAT	[B67109378] C67199595
SAI1UMVFBSCJPEVRLR1FJUXCBC	VS_RB_DLBKGPS_16	FLOAT	[B67109378] C67199591
UWBN3I06MXBGAB1OLWN1B6FBAP	VS_RB_DLBKGPS_256	FLOAT	[B67109378] C67199596
UQGJOYMJHPBFNR5VIJCCJMXVQP	VS_RB_DLBKGPS_32	FLOAT	[B67109378] C67199592
SVREPMQ5MEBQIS10DNHTXJK2AV	VS_RB_DLBKGPS_384	FLOAT	[B67109378] C67199597
X60W3GHXAPC6SCBAM4OSYRRY6V	VS_RB_DLBKGPS_64	FLOAT	[B67109378] C67199593
XQL5X15FHWCC4C2QL25CEHIRHG	VS_RB_DLBKGPS_8	FLOAT	[B67109378] C67199590
VHQOR35KP0CAHBNX6K2AM31AWA	VS_RB_ULBKGPS_128	FLOAT	[B67109378] C67199602
RG5QUIRCVFCGDEONRRU61IDWAV	VS_RB_ULBKGPS_144	FLOAT	[B67109378] C67199603
TBLO2THIQLBDXC1LUNDY	VS_RB_ULBKGPS_1	FLOAT	[B67109378] C67199599

TLBJDJ	6		
SC41XS6Y14CG3TW3HTN1CANO3J	VS_RB_ULBKGPS_256	FLOAT	[B67109378] C67199604
SKOIST2AUFBRSDPQEUOEOK6USV	VS_RB_ULBKGPS_32	FLOAT	[B67109378] C67199600
WC1F4LVVN1BSODHPH1JA4KPG0R	VS_RB_ULBKGPS_384	FLOAT	[B67109378] C67199605
SYX6XES3BRBAVT63MDRN4PVX01	VS_RB_ULBKGPS_64	FLOAT	[B67109378] C67199601
XGALULD51EBE5EM2S6M1JELPPL	VS_RB_ULBKGPS_8	FLOAT	[B67109378] C67199598

7.7.74 HUA_CELL_RADBEUSGPSCV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23JVILK2AHDH6B035XKCUC6	VS_RB_DLCONVPS_8	FLOAT	[B67109378] C67203427
UUO23JXILK2AHDH6B035XKCUC6	VS_RB_DLCONVPS_16	FLOAT	[B67109378] C67203428
UUO23K0ILK2AHDH6B035XKCUC6	VS_RB_DLCONVPS_32	FLOAT	[B67109378] C67203429
UUO23K2ILK2AHDH6B035XKCUC6	VS_RB_DLCONVPS_64	FLOAT	[B67109378] C67203430
UUO23K4ILK2AHDH6B035XKCUC6	VS_RB_ULCONVPS_8	FLOAT	[B67109378] C67203431
UUO23K6ILK2AHDH6B035XKCUC6	VS_RB_ULCONVPS_16	FLOAT	[B67109378] C67203432

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UUO23KBILK2AHDH6B035XKCUC6	VS_RB_ULCONVPS_32	FLOAT	[B67109378] C67203433
UUO23KDILK2AHDH6B035XKCUC6	VS_RB_ULCONVPS_64	FLOAT	[B67109378] C67203434
UUO23KFILK2AHDH6B035XKCUC6	VS_RB_ULCONVCS_28_8	FLOAT	[B67109378] C67203435
UUO23KHILK2AHDH6B035XKCUC6	VS_RB_ULCONVCS_32	FLOAT	[B67109378] C67203436
UUO23KJILK2AHDH6B035XKCUC6	VS_RB_ULCONVCS_56	FLOAT	[B67109378] C67203437
UUO23KLILK2AHDH6B035XKCUC6	VS_RB_ULCONVCS_64	FLOAT	[B67109378] C67203438
UH2KKRTIYY2AHDHA0035XKCUC6	VS_RB_CONVPS_16	FLOAT	[B67109378] C67203847
UH2KKRVIYY2AHDHA0035XKCUC6	VS_RB_CONVPS_32	FLOAT	[B67109378] C67203848
UH2KKRXIYY2AHDHA0035XKCUC6	VS_RB_CONVPS_64	FLOAT	[B67109378] C67203849
XLSNXMXLUI2AIDKRB02OFAWJHK	VS_RB_DLCONVPS_38_8	FLOAT	[B67109378] C67204790
XLSNXN0LUI2AIDKRB02OFAWJHK	VS_RB_DLCONVPS_39_2	FLOAT	[B67109378] C67204791
XLSNXN2LUI2AIDKRB02OFAWJHK	VS_RB_DLCONVPS_40	FLOAT	[B67109378] C67204792
XLSNXN4LUI2AIDKRB02OFAWJHK	VS_RB_DLCONVPS_42_8	FLOAT	[B67109378] C67204793
XLSNXN6LUI2AIDKRB02OFAWJHK	VS_RB_ULCONVPS_38_8	FLOAT	[B67109378] C67204794
XLSNXNBLUI2AIDKRB02OFAWJHK	VS_RB_ULCONVPS_39_2	FLOAT	[B67109378] C67204795
XLSNXNDLUI2AIDKRB02OFAWJHK	VS_RB_ULCONVPS_40	FLOAT	[B67109378] C67204796
XLSNXNFLUI2AIDKRB02OFAWJHK	VS_RB_ULCONVPS_42_8	FLOAT	[B67109378] C67204797
YBIEAWEXJSB51UG1M1SV	VS_RB_CONVPS_8	FLOAT	[B67109378] C67199566

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7.7.75 HUA_CELL_RADBEUSGPSINT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XQ014Q6WKWCILS3DURTR2WTQE5	VS_RB_DLINTERPS_128	FLOAT	[B67109378] C67199578
TM3V6Q1IE3CLXCX63BAQ042V02	VS_RB_DLINTERPS_144	FLOAT	[B67109378] C67199579
WNDOX626QHCK0UCC1R2WQ25LYP	VS_RB_DLINTERPS_16	FLOAT	[B67109378] C67199575
SPHJ6WUOL0BPKEUJ15YUF6RFAB	VS_RB_DLINTERPS_256	FLOAT	[B67109378] C67199580
VNYKNX22OIBVABQU4E212VMITB	VS_RB_DLINTERPS_32	FLOAT	[B67109378] C67199576
XTKKF4XD6PBLESVB5FYKJUMIJT	VS_RB_DLINTERPS_384	FLOAT	[B67109378] C67199581
RS6SKKX6SPCKES00O4CKHSBRW6	VS_RB_DLINTERPS_64	FLOAT	[B67109378] C67199577
XOMDA5VO25BVQT5U45JCJQOJ3M	VS_RB_DLINTERPS_8	FLOAT	[B67109378] C67199574
UGLNNDEGUSC20C5Y4L1HMO4URC	VS_RB_ULINTERPS_128	FLOAT	[B67109378] C67199586
YC6LC42QMCBRVE34A3MWPENKDQ	VS_RB_ULINTERPS_144	FLOAT	[B67109378] C67199587
YFRJD3NAMTBR0B3W45RSCJGFWB	VS_RB_ULINTERPS_16	FLOAT	[B67109378] C67199583

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TRNMUSVT03BHOCNW1J0UKY6CS2	VS_RB_ULINTERPS_256	FLOAT	[B67109378] C67199588
SONSA1R3UBBROSAN4Q1FQ6HMWF	VS_RB_ULINTERPS_32	FLOAT	[B67109378] C67199584
UOP1A5VLTEBHKURTIKIPSKPT46	VS_RB_ULINTERPS_384	FLOAT	[B67109378] C67199589
UHFHBBMHMEBGCSHOIUFWYEB4SA	VS_RB_ULINTERPS_64	FLOAT	[B67109378] C67199585
V1MPLKREGYBPYUMMVX2KVAOYYK	VS_RB_ULINTERPS_8	FLOAT	[B67109378] C67199582

7.7.76 HUA_CELL_RADBEUSGPSSTR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109378] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23KNILK2AHDH6B035XKCUC6	VS_RB_DLSTRPS_8	FLOAT	[B67109378] C67203439
UUO23KPILK2AHDH6B035XKCUC6	VS_RB_DLSTRPS_16	FLOAT	[B67109378] C67203440
UUO23KRILK2AHDH6B035XKCUC6	VS_RB_DLSTRPS_256	FLOAT	[B67109378] C67203441
UUO23KTILK2AHDH6B035XKCUC6	VS_RB_ULSTRCS_57_6	FLOAT	[B67109378] C67203442
UUO23KVILK2AHDH6B035XKCUC6	VS_RB_ULSTRCS_28_8	FLOAT	[B67109378] C67203443
UUO23KXILK2AHDH6B035XKCUC6	VS_RB_ULSTRCS_14_4	FLOAT	[B67109378] C67203444
UUO23L0ILK2AHDH6B035XKCUC6	VS_RB_ULSTRPS_8	FLOAT	[B67109378] C67203445
UUO23L2ILK2AHDH6B035XKCUC6	VS_RB_ULSTRPS_128	FLOAT	[B67109378] C67203446
UUO23L4ILK2AHDH6B035X	VS_RB_ULSTRPS_14	FLOAT	[B67109378] C67203447

KCUC6	4		
UUO23L6ILK2AHDH6B035XKCUC6	VS_RB_ULSTRPS_256	FLOAT	[B67109378] C67203448
T6KRTTHUWWBYDU2XAIAW5YY1TM	VS_RB_DLSTRPS_128	FLOAT	[B67109378] C67199569
S4DGCAB4MRCXKEGJ35VSAHFWVO	VS_RB_DLSTRPS_144	FLOAT	[B67109378] C67199570
TJ35XM03TRBLWT25POBJ6WD0XI	VS_RB_DLSTRPS_32	FLOAT	[B67109378] C67199567
SGBRYIG2IVBRYUYB4MH2VDW1J2	VS_RB_DLSTRPS_64	FLOAT	[B67109378] C67199568
XSLN20OE5XBUDRRYFJ104U4TMJ	VS_RB_ULSTRPS_16	FLOAT	[B67109378] C67199571
YOTI3BNF41BPYUVU3VIPQ3AI1A	VS_RB_ULSTRPS_32	FLOAT	[B67109378] C67199572
SDXHUSU2JXB26CJ4CEBKHIE6EQ	VS_RB_ULSTRPS_64	FLOAT	[B67109378] C67199573

7.7.77 HUA_CELL_RLC_HSDPA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109393] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXR0LUI2AIDKRB02OFAWJHK	VS_AM_RLC_RTX_HSDPATRF_PDU	NUMBER	[B67109393] C67204808

7.7.78 HUA_CELL_RLC_R99_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109393] RNC_Id & "/" &

		R2(50)	Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXQVLUI2AIDKRB02OFAWJHK	VS_RLC_AM_TX_R99TRF_PDU	NUMBER	[B67109393] C67204806
XLSNXQXLUI2AIDKRB02OFAWJHK	VS_AM_RLC_TX_R99SIG_PDU	NUMBER	[B67109393] C67204807
XLSNXR2LUI2AIDKRB02OFAWJHK	VS_AM_RLC_RTX_R99TRF_PDU	NUMBER	[B67109393] C67204809
XLSNXR4LUI2AIDKRB02OFAWJHK	VS_RLC_AM_DISC_R99TRFPDU	NUMBER	[B67109393] C67204810
XLSNXR6LUI2AIDKRB02OFAWJHK	VS_RLC_AM_DISC_R99SIG_PDU	NUMBER	[B67109393] C67204811
XLSNXRBLUI2AIDKRB02OFAWJHK	VS_AM_RLC_RTX_R99SIG_PDU	NUMBER	[B67109393] C67204812

7.7.79 HUA_CELL_RLC_STATISTICS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109393] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXQPLUI2AIDKRB02OFAWJHK	VS_RLC_AM_RTX_TRF_PDU_1	NUMBER	[B67109393] C67204177
XLSNXQRLUI2AIDKRB02OFAWJHK	VS_RLC_AM_RTX_TRF_PDU_2	NUMBER	[B67109393] C67204178
XLSNXQTLUI2AIDKRB02OFAWJHK	VS_RLC_AM_RTX_TRF_PDU_3	NUMBER	[B67109393] C67204179
RPWVGXR34H2AISPAB035Y0HF3V	AM_RLC_RTX_HSDPASIG_PDU	NUMBER	[B67109393] C67199883
RPWVGXT34H2AISPAB035Y0HF3V	AM_RLC_TX_HSDPASIG_PDU	NUMBER	[B67109393] C67199881
RPWVGXV34H2AISPAB035Y0HF3V	RLC_AM_DISC_HSDPATRFPDU	NUMBER	[B67109393] C67199886

RPWVGXX34H2AISPAB035Y0HF3V	RLC_AM_DISC_HSDPASIG_PDU	NUMBER	[B67109393] C67199885
RPWVGY034H2AISPAB035Y0HF3V	RLC_AM_TX_HSDPATRF_PDU	NUMBER	[B67109393] C67199882
STT2RPUQXXCEYCYSTHSIVNHEHM	VS_AM_RLC_RTX_SIG_PDU	NUMBER	[B67109393] C67204862
U3T3UT0TJIBWQENSL26VTYFIFF	VS_AM_RLC_TX_SIG_PDU	NUMBER	[B67109393] C67204861
YW5SX0T3PXCV2S6WOTOPX6UCUN	VS_RLC_AM_DISC_PDU	NUMBER	[B67109393] C67204863
UH6BCAPKYFC1SDHEHP4UC1VLI1	VS_RLC_AM_DISC_SIG_PDU	NUMBER	[B67109393] C67204864
XVYSUBSFWDBMBR6IV1SK263DAL	VS_RLC_AM_RTX_TRF_PDU	NUMBER	[B67109393] C67199884
UTYVRQKOGMBICTBGQP5SRHFUTL	VS_RLC_AM_TX_TRF_PDU	NUMBER	[B67109393] C67204860
VYXI61FDHTBQ2BOSGL5JMIGNUA	VS_RLC_EFFTHROUGHPUT_TBBSZ	FLOAT	[B67109393] C67202448
TC5NMAQ2LNBIGTGWR3Q0JYEE2D	VS_RLC_EFFTHROUGHPUT_TIMELEN	NUMBER	[B67109393] C67189902
UMRK60Y30VBY0TFCASSFDPKXXM	VS_RLC_EFFTHRUPUT_TOTTBBSZ_HIG	NUMBER	[B67109393] C67189901
SNSY5JRDDDCEJRTIAPBIIXQBHA	VS_RLC_EFFTHRUPUT_TOTTBBSZ_LOW	NUMBER	[B67109393] C67189900

7.7.80 HUA_CELL_RR_CMB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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UUO23IDILK2AHDH6B035XKCUC6	VS_RAB_ULSIGREL_CMB_CELL	NUMBER	[B67109376] C67191696

7.7.81 HUA_CELL_RRC_CON_GL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RRENU3DMRTC21SG6NTTC1VMV6C	VS_CELLDCHUES	FLOAT	[B67109365] C67199662
VIFMGT2N0KC41RSMVCMTDRD24E	VS_CELLFACHUES	FLOAT	[B67109365] C67199661
TKQPFBS426BP2CCD531PEDESAT	VS_CELLPCHUES	FLOAT	[B67109365] C67199660
VWUYMD2UEFBGFTT1CTRHM5QH1W	VS_DRD_RRC_OUT_ATT	NUMBER	[B67109365] C67189400
SYVFJ5O0PWBMAUVW55NIPUEY21	VS_DRD_RRC_OUT_SUCC	NUMBER	[B67109365] C67189401
T4JGTESENHBCFBJVLTQBLGSWYU	VS_RRC_ATTCONEST_CCH	NUMBER	[B67109365] C67179649
UUEP2JFA3LBLLENJN243S0P11E	VS_RRC_ATTCONEST_DCH	NUMBER	[B67109365] C67179633
W3AEMIFK0SCV6SR21G4QJTN3U2	VS_RRC_ATTCONNEST_TCUM_CCCH	NUMBER	[B67109365] C67179306
WBFIG2UYXKC3RCY2MMMJTMCPJC	VS_RRC_ATTCONNEST_TCUM_DCCH	NUMBER	[B67109365] C67179303
VXGS3WHDDCCCXCC05HIN2BKYF2	VS_RRC_ATTCONNEST_TSAMPLE_CCCH	NUMBER	[B67109365] C67179307
SKAOVLIKALB3ESPLRT14JC0JHB	VS_RRC_ATTCONNEST_TSAMPLE_DCCH	NUMBER	[B67109365] C67179304
SV6EPG0K5ABTLS0EAOX2XEJJRA	VS_RRC_ATTCONNESTAB_CELL	NUMBER	[B67109365] C67190586
S1OKVC312CCQYDFSYPX4Y	VS_RRC_SETUPCON	NUMBER	[B67109365] C67179298

WIPHN	NESTAB_CELL		
TBS12LW1QKCLTB3BM3BD3DQ5P1	VS_RRC_SUCCCONEST_CCH	NUMBER	[B67109365] C67179650
S2VAO3IUKNBPEBFRH6ANS1BG35	VS_RRC_SUCCCONEST_DCH	NUMBER	[B67109365] C67179634
XNK50QDEVECASE0EAOW1UE51AL	VS_RRC_SUCCCONNESTAB_CELL	NUMBER	[B67109365] C67179299
WT5531B1BPCXRBW5XYI2LAQINM	VS_RRC_SUCCCONNESTAB_FIRST	NUMBER	[B67109365] C67190587
R2U4LTULJRCHODTXQ6SPT01IPW	VS_RRC_SUCCCONNESTAB_SECOND	NUMBER	[B67109365] C67190588
UFM013IR2VCWRTCU2GPW4TRF3R	VS_RRC_SUCCCONNESTAB_THIRD	NUMBER	[B67109365] C67190589
XLSNXKPLUI2AIDKRB02OFAWJHK	VS_RRC_ATTCONNESTAB_EDCH	NUMBER	[B67109365] C67196198
XLSNXKRLUI2AIDKRB02OFAWJHK	VS_RRC_ATTCONNESTAB_HSDSCH	NUMBER	[B67109365] C67196199
XLSNXKTLUI2AIDKRB02OFAWJHK	VS_RRC_SUCCCONNESTAB_EDCH	NUMBER	[B67109365] C67196200
XLSNXKVLUI2AIDKRB02OFAWJHK	VS_RRC_SUCCCONNESTAB_HSDSCH	NUMBER	[B67109365] C67196201
XLSNXKXLUI2AIDKRB02OFAWJHK	VS_CELLEFACHUES	FLOAT	[B67109365] C67204156
XLSNXL4LUI2AIDKRB02OFAWJHK	HSPA_UE_MEAN_CS_CONV_CELL_V200	FLOAT	[B67109365] C67204853
XLSNXL6LUI2AIDKRB02OFAWJHK	HSPA_UE_MEAN_CS_CONV_CELL_V100	FLOAT	[B67109365] C67204245

7.7.82 HUA_CELL_RRC_CON_REJ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109367] RNC_Id & "/"

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		R2(50)	& Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XBBOL6DAHK26SDGMB00HW05BPA	VS_CELLCMB_REJUECG	NUMBER	[B67109367] C67190835
YEARPMBUPW2AHRHR0035XVPKR0	B67109367_C67192608	NUMBER	[B67109367] C67192608
YEARPMDUPW2AHRHR0035XVPKR0	B67109367_C67192609	NUMBER	[B67109367] C67192609
XLSNXLHLUI2AIDKRB02OFAWJHK	VS_RRC_REJECT_REDIR_SERVICE	NUMBER	[B67109367] C67196031
WBLDJIO1YJCY2DAXD61HATLCTP	RRC_FAILCONNESTAB_CONG	NUMBER	[B67109367] C67179521
T1QC0E4H6ECJDSNDOHR1XSWAPT	RRC_FAILCONNESTAB_NOREPLY	NUMBER	[B67109367] C67190401
RVNMROFT5CCUUT4C2I402CYCOJ	VS_RRC_FAILCONNESTAB	NUMBER	[B67109367] C67179300
RLMAE2EKMEBM1DHA16WI22P1MN	VS_RRC_REJ_AAL2_FAIL	NUMBER	[B67109367] C67179527
U65QJ6NFXUC13D0WJFBAHA1UEC	VS_RRC_REJ_CODE_CONG	NUMBER	[B67109367] C67179524
S1RQTMMGV5BDNT36FGV21HRBBX	VS_RRC_REJ_DL_CE_CONG	NUMBER	[B67109367] C67190405
THK6YTM20VCSCRC0JCX0Y40D5O	VS_RRC_REJ_POWER_CONG	NUMBER	[B67109367] C67179522
W3JP20LYNSCDUCL2VGQR6W4TQF	VS_RRC_REJ_REDIR_INTER_ATT	NUMBER	[B67109367] C67189473
XJHQU02KAWBJ5R4BSJAJ005F1H	VS_RRC_REJ_RL_FAIL	NUMBER	[B67109367] C67179525
SONVTVGL26BS1RD6POSTAOVGXX	VS_RRC_REJ_UL_CE_CONG	NUMBER	[B67109367] C67190404
RIOGGLQNYABJLE53HT5NAAK5NQ	VS_RRC_REJECT_REDIR_INTRAT	NUMBER	[B67109367] C67189474

7.7.83 HUA_CELL_RRC_CON_REL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109366] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S1QBMJ1QO1BC1S1NMWQQTCWGPR	RRC_ATTCONNRELCCCH_CONGESTION	NUMBER	[B67109366] C67189465
TIS5ODRISHC1ERI3GYRECYMTD0	RRC_ATTCONNRELCCCH_NORMREL	NUMBER	[B67109366] C67189470
XJP2VIL1UPBJXTPIUPSO13NLXI	RRC_ATTCONNRELCCCH_PREEMPT	NUMBER	[B67109366] C67189466
RMF13K5XKBCUCTDEKJNKWL66AY	RRC_ATTCONNRELCCCH_REESTREJ	NUMBER	[B67109366] C67189467
VNBAXH0LAMB2OCN6M4N6ROD3MS	RRC_ATTCONNRELCCCH_SIGCONREEST	NUMBER	[B67109366] C67189468
Y6OC0MKI3WC62S0F11GHLG4B1A	RRC_ATTCONNRELCCCH_UNSPEC	NUMBER	[B67109366] C67189472
WLJISV1S4IBHIU3OD5VQ0PY5NL	RRC_ATTCONNRELCCCH_USRINACT	NUMBER	[B67109366] C67189471
YRK6ST6GAVBXYBR2VTE5RXE4AP	RRC_ATTCONNRELDCCH_CONGESTION	NUMBER	[B67109366] C67189459
ULMVM2U3EDBC2RAD4PXRJPSN5V	RRC_ATTCONNRELDCCH_NORMREL	NUMBER	[B67109366] C67189469
SXQ3T1VXYSBQHCPFMGK0XD2MMB	RRC_ATTCONNRELDCCH_PREEMPT	NUMBER	[B67109366] C67189460
RDYG0SQ1SQC3LR1IPO1R6D3VVA	RRC_ATTCONNRELDCCH_REESTREJ	NUMBER	[B67109366] C67189461
VEJY4AGIEMCDUBP5C6FLUTRJS5	RRC_ATTCONNRELDCCH_SIGCONREEST	NUMBER	[B67109366] C67189462
X15V03QHHFBHGUM1FWC	RRC_ATTCONNRELD	NUMBER	[B67109366] C67189464

O2XYIOM	CCH_UNSPEC		
VICRY1FJ1NCUITUY00D4EWMNSQ	RRC_ATTCONNRELDCCH_USRINACT	NUMBER	[B67109366] C67189463
UDKHRD2D6NB2NEDEJSDTC5WCVO	RRC_FAILCONNREESTAB_CONG	NUMBER	[B67109366] C67179571
XS3516QAPVB6HDPGWDAKCCQR26	VS_RRC_CONNREL_CELLUPD	NUMBER	[B67109366] C67180387

7.7.84 HUA_CELL_RRC_CONREQPERC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RMTCN5C2L3CFFRKJ6EFCKSWJOF	RRC_ATTCONNESTAB_CALLREEST	NUMBER	[B67109365] C67179345
TG6BEP3J6HBUWB6R0XOR3F5QWO	RRC_ATTCONNESTAB_DETACH	NUMBER	[B67109365] C67179342
RDRCKKR3JMCKFCGXPGVQD0VQ1M	RRC_ATTCONNESTAB_EMGCALL	NUMBER	[B67109365] C67179338
XAD0XCRRJMCWDD03Q03JLAESRC	RRC_ATTCONNESTAB_IRATCCO	NUMBER	[B67109365] C67179340
VMBGF5CXONBTNDTMSPI42XUMX1	RRC_ATTCONNESTAB_IRATCELRES	NUMBER	[B67109365] C67179339
SHXLOY6HJACKGUXEQKJYXCF4W3	RRC_ATTCONNESTAB_OGHHPRSIG	NUMBER	[B67109365] C67179343
UTHQOILTONCQ0DQEN1WNRYT3YX	RRC_ATTCONNESTAB_OGLWPRSIG	NUMBER	[B67109365] C67179344
TQF3UGI4MHCBSSIN4WJ4TWUOAN	RRC_ATTCONNESTAB_OGSUBCALL	NUMBER	[B67109365] C67179333
YU2B6H5Y54CSUTKXQPIQ5TU226	RRC_ATTCONNESTAB_ORGBKGCALL	NUMBER	[B67109365] C67179332
SCMJKF6G56BSAEXAJX0LVMFDXU	RRC_ATTCONNESTAB_ORGCONVCALL	NUMBER	[B67109365] C67179329

SVFIJ10KNQB3ICWSTL46AX22RG	RRC_ATTCONNESTAB_ORGINTERCALL	NUMBER	[B67109365] C67179331
XCWSMWGXYWC3EEXQ4QHEGMEW6J	RRC_ATTCONNESTAB_ORGSTRCALL	NUMBER	[B67109365] C67179330
RVKXM2S0NNCECSAH5SNYM0UYJ1	RRC_ATTCONNESTAB_REG	NUMBER	[B67109365] C67179341
XI4CKFYQEGBNLE1RFHRXPUWATG	RRC_ATTCONNESTAB_TMBKGCALL	NUMBER	[B67109365] C67179337
RJNOWVDVRCBHTUAABK5PU0QPSD	RRC_ATTCONNESTAB_TMCONVCALL	NUMBER	[B67109365] C67179334
URHE4VQ430CW0RB05CKX56ERTN	RRC_ATTCONNESTAB_TMHHPRSIG	NUMBER	[B67109365] C67179346
TXDERHSV5ICIWCBXPM5FUG1UEQ	RRC_ATTCONNESTAB_TMINTERCALL	NUMBER	[B67109365] C67179336
W06LDOXSVDBYES3YPI5BOKKBWF	RRC_ATTCONNESTAB_TMLWPRSIG	NUMBER	[B67109365] C67179347
X0TI55YK4AC6CRRJC4XJVMXYF1	RRC_ATTCONNESTAB_TMSTRCALL	NUMBER	[B67109365] C67179335
XUB136QUFTC4ABNU0MQHQ304S3	RRC_ATTCONNESTAB_UNKNOWN	NUMBER	[B67109365] C67179348
XLSNXKHLUI2AIDKRB02OFAWJHK	RRC_ATTCONNESTAB_MBMSREP	NUMBER	[B67109365] C67195964
XLSNXKJLUI2AIDKRB02OFAWJHK	RRC_ATTCONNESTAB_MBMSPTP	NUMBER	[B67109365] C67195965

7.7.85 HUA_CELL_RRC_CONSETPERC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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REYR6P4OKQBQYBCV33N2XTV4GT	RRC_SUCCCONNESTAB_OGCONVCALL	NUMBER	[B67109365] C67179457
S00Y6A2R2CB01RHTGFTYOMA1VF	RRC_SUCCCONNESTAB_OGHHPRSIG	NUMBER	[B67109365] C67179471
YBQNICJN4YC1TRUVBWYAFX6JQW	RRC_SUCCCONNESTAB_OGLWPRSIG	NUMBER	[B67109365] C67179472
U54EJ3TTBCCOIC4NCPRHA6VIES	RRC_SUCCCONNESTAB_ORGBKGCALL	NUMBER	[B67109365] C67179460
WCXX2R3YYNBVERSPDFBS1PBUM3	RRC_SUCCCONNESTAB_ORGITRCALL	NUMBER	[B67109365] C67179459
YLCWW4T2NQCRYTGVWTSCSNGLJ3	RRC_SUCCCONNESTAB_ORGSTRCALL	NUMBER	[B67109365] C67179458
WPLOVAPNXACJLDXGN01F0MKN1I	RRC_SUCCCONNESTAB_ORGSUBCALL	NUMBER	[B67109365] C67179461
RJQQQOHJG1BBXROK1A40U0BLX1	RRC_SUCCCONNESTAB_REG	NUMBER	[B67109365] C67179469
USETRAPSHHBI4D3DNFATGRGVWH	RRC_SUCCCONNESTAB_TMBKGCALL	NUMBER	[B67109365] C67179465
TUOA4NGRC3CYCEFTBXQHJP5KYF	RRC_SUCCCONNESTAB_TMCONVCALL	NUMBER	[B67109365] C67179462
UFKO3LLRWBC36DGPOQ0VEIEYGJ	RRC_SUCCCONNESTAB_TMHHPRSIG	NUMBER	[B67109365] C67179474
RX0TK3NCKRB5KS4UX4FY6PKU0R	RRC_SUCCCONNESTAB_TMITRCALL	NUMBER	[B67109365] C67179464
WL0DV04NXQBL2CGPSOQJMIJDBR	RRC_SUCCCONNESTAB_TMLWPRSIG	NUMBER	[B67109365] C67179475
SY5V5N42X3BH3DTX4LUN2HKE2T	RRC_SUCCCONNESTAB_TMSTRCALL	NUMBER	[B67109365] C67179463
VH2OYAK6ERBDDSHFEW2SPP0GCN	RRC_SUCCCONNESTAB_UNKOWN	NUMBER	[B67109365] C67179476
YT5QFHJXXLCP4TBP5GQDHW0BHT	RRC_SUCCCONNESTAB_CALLREEST	NUMBER	[B67109365] C67179473
U5X6PVWHWAB05EXOODMV6FM5KW	RRC_SUCCCONNESTAB_DETACH	NUMBER	[B67109365] C67179470
VPOIIUS2DPC66UFY3CS4YPF	RRC_SUCCCONNEST	NUMBER	[B67109365] C67179466

MPA	AB_EMGCALL		
VGGQOA1X0OCFBE6OCX5CDYV5C0	RRC_SUCCCONNESTAB_IRATCCO	NUMBER	[B67109365] C67179468
SC00ETWP3KBFPTEIYWL5QBEAND	RRC_SUCCCONNESTAB_IRATCELRES	NUMBER	[B67109365] C67179467
XLSNXKLLUI2AIDKRB02OFAWJHK	RRC_SUCCCONNESTAB_MBMSREP	NUMBER	[B67109365] C67195966
XLSNXKNLUI2AIDKRB02OFAWJHK	RRC_SUCCCONNESTAB_MBMSPTP	NUMBER	[B67109365] C67195967
XLSNXLFLUI2AIDKRB02OFAWJHK	RRC_CONNESTAB_SUCC_RATE	FLOAT	[B67109365] C67204821

7.7.86 HUA_CELL_RRC_CONTIME_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109365] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPM6UPW2AHRHR0035XVPKR0	B67109365_C67192607	NUMBER	[B67109365] C67192607
TJTGPDJPORBLTB06FXNPN0HM1P	VS_RRC_CONNESTABTIMEMAX_CCH	NUMBER	[B67109365] C67179305
UKMB2VEK6SCWQTFT4DRVYOVAUX	VS_RRC_CONNESTABTIMEMAX_DCH	NUMBER	[B67109365] C67179302
SLYPYWINXJC40SE5EEQRQI2UOA	VS_RRC_CONNESTABTIMEMEAN_CCH	FLOAT	[B67109365] C67199511
UOS3NTPM4KC2FDYN36E1244COV	VS_RRC_CONNESTABTIMEMEAN_DCH	FLOAT	[B67109365] C67199510
XAG4GITG04BABSI34BAQ6CS0OJ	RRC_ATTCONNESTTIMEMAX_CALLREES	NUMBER	[B67109365] C67190728

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V3THDHPKFABROBB100VCRFOATD	RRC_ATTCONESTABTIMEMAX_EMGCALL	NUMBER	[B67109365] C67190613
SVXYCIEEQQBOKCODUEIFEQB0KE	RRC_ATTCONESTTIMEMAX_IRATCELLR	NUMBER	[B67109365] C67190726
WT1JDAVUIRBHHC2J2ANRPRDCYJ	RRC_ATTCONESTTIMEMAX_ORGCVCALL	NUMBER	[B67109365] C67190612
XVEFTLMINNCO2DKLPH6SRWACYA	RRC_ATTCONNESTABTIMEMAX_REG	NUMBER	[B67109365] C67190727

7.7.87 HUA_CELL_RXTXPOWER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109385] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXODLUI2AIDKRB02OFAWJHK	VS_TCP_SAMPLE	NUMBER	[B67109385] C67180648
XLSNXOFLUI2AIDKRB02OFAWJHK	VS_TCP_NONHS_SAMPLE	NUMBER	[B67109385] C67190621
XLSNXOHLUI2AIDKRB02OFAWJHK	VS_HSDPA_REQUIREDPWR_SAMPLE	NUMBER	[B67109385] C67191149
XLSNXOJLUI2AIDKRB02OFAWJHK	VS_TCP_CUM_NOLOG	FLOAT	[B67109385] C67204826
XLSNXOLLUI2AIDKRB02OFAWJHK	VS_TCP_NONHS_CUM_NOLOG	FLOAT	[B67109385] C67204827
XLSNXONLUI2AIDKRB02OFAWJHK	VS_HSDPA_REQUIREDPWR_CUM_NOLOG	FLOAT	[B67109385] C67204828
XIJSH1F6C6BCBT2QIIEYW4BQL6	VS_MAXRTWP	FLOAT	[B67109385] C67199680
U5FRPIPOXEBYTSFU2MWTYAVL2V	VS_MAXTCP	FLOAT	[B67109385] C67199682
WOPIFJBQLLBDNT4KJ5WDWH65PV	VS_MAXTCP_NONHS	FLOAT	[B67109385] C67202900

RUTT4MVAKFCM1CXW50GXLFV66R	VS_MEANRTWP	FLOAT	[B67109385] C67199617
VW6OLWU36NB4OTXGX60QAMBBS4	VS_MEANTCP	FLOAT	[B67109385] C67199618
WIGWW0YHDABLHS0NP3UDEMSGKT	VS_MEANTCP_NONHS	FLOAT	[B67109385] C67202902
SFTQ0PJJ6GCC0SQQBXOUSPA0R2	VS_MINRTWP	FLOAT	[B67109385] C67199681
U3UKAS3KRUBTMBGXELDATTUEOE	VS_MINTCP	FLOAT	[B67109385] C67199683
XUWRKH6BSYBFXUVPJIJYLTUUCV	VS_MINTCP_NONHS	FLOAT	[B67109385] C67202901
U06KTQGMKCBOIE45AFA4QEUQGT	VS_RTWP_CUM	NUMBER	[B67109385] C67180641
SV6TNDQ5VICDEBAK1TFLII0G5W	VS_RTWP_SAMPLE	NUMBER	[B67109385] C67180642
T1WYYY2V4UCWPURNTPCUWQWH2G	VS_TCP_CUM	FLOAT	[B67109385] C67199779
XSJ4XB1KONBQKSGQM6MXJMYRXV	VS_TCP_NONHS_CUM	FLOAT	[B67109385] C67202903
YG0RHUVK3UBVJDCU0E2EQWCR33	VS_TCP_NONHS_SAMPLE_LOG	FLOAT	[B67109385] C67202904
XLLSB0YTXXCVUEMRLMVSUDPGJS	VS_TCP_SAMPLE_LOG	FLOAT	[B67109385] C67202560
S53VHPDLP1CCUTL3XAMFF4MFKR	VS_HSDPA_REQPWR_SAMPLE_LOG	FLOAT	[B67109385] C67202986
YFBHNYN06HCDQEG4R3VVEATHWC	VS_HSDPA_MAXREQUIREDPWR	FLOAT	[B67109385] C67202982
TLSBJCP00YCBUT2SC2XER2ODT2	VS_HSDPA_REQUIREDPWR_CUM	FLOAT	[B67109385] C67202985
W0NIMDUN2DCICEBX4V6YHBSGUD	VS_HSDPA_MEANREQUIREDPWR	FLOAT	[B67109385] C67202984

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S42KOD5QAXCIWSEW13OHD3EHWL	VS_HSDPA_MINREQUIREDPWR	FLOAT	[B67109385] C67202983

7.7.88 HUA_CELL_SIR_TARGET_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109505] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TRJT6IJ3XNCPXUND1BLKKFQYFK	ULSIRTARGET_OUT_AMR_OUT	NUMBER	[B67109505] C67184436
U6DF334ER4BW3TOS5FD3V5GBVL	ULSIRTARGET_OUT_AMR_TOTAL	NUMBER	[B67109505] C67184489
VLPVALCFRMBFJSHNBDVHB2ISII	ULSIRTARGET_OUT_CSRT_14_4_OUT	NUMBER	[B67109505] C67184437
VROGAL2DWLCXKTMX1U2IOO2P2I	ULSIRTARGET_OUT_CSRT_14_4_TOT	NUMBER	[B67109505] C67184490
XE1LJMUSWBC1OCE2MHBNT5FO3G	ULSIRTARGET_OUT_CSRT_28_8_OUT	NUMBER	[B67109505] C67184438
RFKK1GMNNOCMST155KXMBHPSXN	ULSIRTARGET_OUT_CSRT_28_8_TOT	NUMBER	[B67109505] C67184491
TVYBPYX4FBCNPEJ6OPXA3IHAY2	ULSIRTARGET_OUT_CSRT_57_6_OUT	NUMBER	[B67109505] C67184439
TTSR2JOVDLC2CUBMR3XBUKLLYX	ULSIRTARGET_OUT_CSRT_57_6_TOT	NUMBER	[B67109505] C67184492
WSYUTMAIICCX6UVOS2INOCF0HU	ULSIRTARGET_OUT_CSRT_64_OUT	NUMBER	[B67109505] C67184440
UCIN034J43BDPCKTR4E2FCU1SI	ULSIRTARGET_OUT_CSRT_64_TOTAL	NUMBER	[B67109505] C67184493
VUSKAMXDDLCTNU5HS4TBTRL6X3	VS_ULSIRTARGET_OUT_AMR	FLOAT	[B67109505] C67199814
REHRLF1LP1CKYRS6M6GDYID0S5	VS_ULSIRTARGET_OUT_CSRT_64	FLOAT	[B67109505] C67199818
T2P2VAGKOQBL1S40GCKNI	VS_ULSIRTARGET_	FLOAT	[B67109505] C67199815

DOTO0	OUT_CSRT14_4		
W1WO2QMHQVBQYRL43BLJHUPSTY	VS_ULSIRTARGET_OUT_CSRT28_8	FLOAT	[B67109505] C67199816
TRI2DESHA2CWURQIHP3XD4BMKN	VS_ULSIRTARGET_OUT_CSRT57_6	FLOAT	[B67109505] C67199817

7.7.89 HUA_CELL_SIR_TARGPSNRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109505] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
V5HM0QCG5GB0IRNC4JEDYN2EG1	ULSIRTARGET_OUT_PSNRT_128_OUT	NUMBER	[B67109505] C67184449
VORYAGMIBGCI2RCRGB0GMNA3UP	ULSIRTARGET_OUT_PSNRT_128_TOT	NUMBER	[B67109505] C67184502
UI3FT3TQ4TBQSSLRV66ARRIICX	ULSIRTARGET_OUT_PSNRT_144_OUT	NUMBER	[B67109505] C67184450
VBCRH4VFTYBLMR5E1LLQM3ATUQ	ULSIRTARGET_OUT_PSNRT_144_TOT	NUMBER	[B67109505] C67184503
U62QOGQH31BOBUNVN6BFJS3JT4	ULSIRTARGET_OUT_PSNRT_16_OUT	NUMBER	[B67109505] C67184446
W4LEMJQYV0CEHT64NSIMEYLHSU	ULSIRTARGET_OUT_PSNRT_16_TOTAL	NUMBER	[B67109505] C67184499
Y3GIBJEEJTBUGDHYF3YVVNPU35	ULSIRTARGET_OUT_PSNRT_256_OUT	NUMBER	[B67109505] C67184451
VX2JCPPQ4RBT6SSXPKWMPNDVTK	ULSIRTARGET_OUT_PSNRT_256_TOT	NUMBER	[B67109505] C67184504
VDCNFPNXQGBKPUJRK2KF0KDJTP	ULSIRTARGET_OUT_PSNRT_32_OUT	NUMBER	[B67109505] C67184447

WAPTRFBDUVCKGR5PHGFCJHLLNK	ULSIRTARGET_OUT_PSNRT_32_TOTAL	NUMBER	[B67109505] C67184500
RCA2SNBX52CCRSS0OHGSMO0KAQ	ULSIRTARGET_OUT_PSNRT_384_OUT	NUMBER	[B67109505] C67184452
WOFRDUT2JXBYVRITFP0PK1LH2J	ULSIRTARGET_OUT_PSNRT_384_TOT	NUMBER	[B67109505] C67184505
UH60GGRYVTCG2CWSJ06XH3LMHY	ULSIRTARGET_OUT_PSNRT_64_OUT	NUMBER	[B67109505] C67184448
UYC4LFUO3QCDCDIY4RY4QYFXCE	ULSIRTARGET_OUT_PSNRT_64_TOTAL	NUMBER	[B67109505] C67184501
R6E32CHRYYBQNDFAQV0HESEYSD	ULSIRTARGET_OUT_PSNRT_8_OUT	NUMBER	[B67109505] C67184445
SU40ILHKMDCCQD5T44J46UXELE	ULSIRTARGET_OUT_PSNRT_8_TOTAL	NUMBER	[B67109505] C67184498
U5U1SHYOBNB1UDX1TYBKMQX5XR	VS_ULSIRTARGET_OUT_PSNRT128	FLOAT	[B67109505] C67199827
TDFJ3F13YJCCREJ1WF61KHI2OC	VS_ULSIRTARGET_OUT_PSNRT144	FLOAT	[B67109505] C67199828
XUUEHGUWNPCK3SXRBYBWATUXU5	VS_ULSIRTARGET_OUT_PSNRT16	FLOAT	[B67109505] C67199824
RUXK4FI4H4B4MBP64LEHEKRW16	VS_ULSIRTARGET_OUT_PSNRT256	FLOAT	[B67109505] C67199829
V4JBWMHIRHCL1TJLWGGYMHVXPV	VS_ULSIRTARGET_OUT_PSNRT32	FLOAT	[B67109505] C67199825
RGYDJB2RKUC2DU1NUVBMCBVQI4	VS_ULSIRTARGET_OUT_PSNRT384	FLOAT	[B67109505] C67199830
UGOYJAHSJCCSURW2U2EAQNECOY	VS_ULSIRTARGET_OUT_PSNRT64	FLOAT	[B67109505] C67199826

7.7.90 HUA_CELL_SIR_TARGPSRT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109505] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
U25NWGKE6MC0RDJNJTAQFL012N	ULSIRTARGET_OUT_PSRT_16_OUT	NUMBER	[B67109505] C67184442
SCF40XLAOWBGDSGGVAR0D4LRX3	ULSIRTARGET_OUT_PSRT_16_TOTAL	NUMBER	[B67109505] C67184495
WMP4VP0UXRCI4TI5MHQLO264ME	ULSIRTARGET_OUT_PSRT_32_OUT	NUMBER	[B67109505] C67184443
STIGEK6WKDB0QEHWPWP0YR6XFI	ULSIRTARGET_OUT_PSRT_32_TOTAL	NUMBER	[B67109505] C67184496
TJFCD43NHPCUEDPFN2BTNIGYWJ	ULSIRTARGET_OUT_PSRT_64_OUT	NUMBER	[B67109505] C67184444
TT0AK3USAYCFDDGCNNACX61BQY	ULSIRTARGET_OUT_PSRT_64_TOTAL	NUMBER	[B67109505] C67184497
Y0X2H0YBPAB16BA5VCUXKAWW6Y	ULSIRTARGET_OUT_PSRT_8_OUT	NUMBER	[B67109505] C67184441
RYWUPXEGLOB4JDDLYYJEUG3XHB	ULSIRTARGET_OUT_PSRT_8_TOTAL	NUMBER	[B67109505] C67184494
VRGL4KDCXFCL4CMMLG3INJSTQY	VS_ULSIRTARGET_OUT_PSNRT8	FLOAT	[B67109505] C67199823
SIBS5DCI16C6ICT6D4CBAHFUW2	VS_ULSIRTARGET_OUT_PSRT_16	FLOAT	[B67109505] C67199820
RDS3N4I2OXBQ5CBU0IAHJLWWKB	VS_ULSIRTARGET_OUT_PSRT_32	FLOAT	[B67109505] C67199821
TBD2QIH1G3COKTEYC2EM22DIMP	VS_ULSIRTARGET_OUT_PSRT_64	FLOAT	[B67109505] C67199822
XOOF5OWVBGCTYDH3HDRBY0LTLL	VS_ULSIRTARGET_OUT_PSRT_8	FLOAT	[B67109505] C67199819

7.7.91 HUA_CELL_SOFT_HANDOVER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109379] RNC_Id & "/"

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		R2(50)	& Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SOLP6XW1R2BYBSYGEX3JEQ5DDX	SHO_ATTRLADDUESIDE	NUMBER	[B67109379] C67180498
VNJ0AE4IVVCU0BP5H4AQ4GU1W0	SHO_ATTRLDELUESIDE	NUMBER	[B67109379] C67180508
SINS3VTHHGB14ENA0NF00L6S1Y	SHO_FAILRLADDUESIDE_CFGUNSUP	NUMBER	[B67109379] C67180500
XTJUCY4AHGB50TMEYXDYI5W3JJ	SHO_FAILRLADDUESIDE_INVCFG	NUMBER	[B67109379] C67180503
SPUHO1QB0SCQDTOJCB63JAJ2DE	SHO_FAILRLADDUESIDE_ISR	NUMBER	[B67109379] C67180501
XHPRJODA2OBUSUQV6OJJNKOFMI	SHO_FAILRLADDUESIDE_NOREPLY	NUMBER	[B67109379] C67180504
UH6YVIBY0CB3PRUG0KS34DUMGY	SHO_SUCCRLADDUESIDE	NUMBER	[B67109379] C67180499
S6IYW6NBS6BY6TKQJUJFRXEPFQ	SHO_SUCCRLDELUESIDE	NUMBER	[B67109379] C67180509
ROU04E3I4ECXNCMIVOJWPETSQS	VS_FIRSTRLSETUP_ATT	NUMBER	[B67109379] C67180834
S6C5FASDQKBLUB6V0IN5RERNTD	VS_FIRSTRLSETUP_SUCC	NUMBER	[B67109379] C67180835
RLVFH1BFGWC6DCBRWAE5VXLO5N	VS_SHO_ADDTIMEMEAN	FLOAT	[B67109379] C67199676
SXGF5NNSRQBQFUYDCED6CHW1GP	VS_SHO_AMR_ATTOUT	NUMBER	[B67109379] C67180519
UI1504D34OBOJUBKQ2VE2BSS5M	VS_SHO_AMR_SUCCOUT	NUMBER	[B67109379] C67180520
WH5TPSRNEIBBARSBW16RMMVCEL	VS_SHO_ATTRLADDSRNS	NUMBER	[B67109379] C67180836
RDH3DAJS3LBGRRSJHS43ERB6SP	VS_SHO_CS64_ATTOUT	NUMBER	[B67109379] C67180521
RCHMPHFF62CSVB2COACAVPVTOX	VS_SHO_CS64_SUCCOUT	NUMBER	[B67109379] C67180522

TFS3LHJM63CFHUFQELWGVIUOPN	VS_SHO_FAILRLADD_MINQUALTHD	NUMBER	[B67109379] C67191673
X4I01GKCQ0CVYRDYXY4M5LN6BO	VS_SHO_FAILRLADD_PRECAC	NUMBER	[B67109379] C67191672
YNWEH36FVOBB3U6KD5H4MQE1FX	VS_SHO_PREP_RLSETUPFAIL	NUMBER	[B67109379] C67180516
RWTF5LB4IYBOKU6H6KCAGBIFJR	VS_SHO_PS128_ATTOUT	NUMBER	[B67109379] C67180525
SDJ4N3IICGBOCTWCY0NC30BXM5	VS_SHO_PS128_SUCCOUT	NUMBER	[B67109379] C67180526
XJ2R4KORB6BSSDY3HLFL03PFLW	VS_SHO_PS384_ATTOUT	NUMBER	[B67109379] C67180527
R10T3XQY1LC33DYLAYMJ52C1IF	VS_SHO_PS384_SUCCOUT	NUMBER	[B67109379] C67180528
R1PU3CU10XCMHD5G04P2FRTVHF	VS_SHO_PS64_ATTOUT	NUMBER	[B67109379] C67180523
SUQXR3LWM1CCGRAKYPXGTX4NF0	VS_SHO_PS64_SUCCOUT	NUMBER	[B67109379] C67180524
VNQLHMHAS5BX4UU63P1MLCCDKI	VS_SHO_SUCCRLADDSRNS	NUMBER	[B67109379] C67180837
S0ELUJFPVTB0MB2T04TAVLPNOO	VS_SHO_PS144_ATTOUT	NUMBER	[B67109379] C67190758
V243MCW1GTC2RT2HF0JSPX1MUL	VS_SHO_PS144_SUCCOUT	NUMBER	[B67109379] C67190759
UH2KKS2IYY2AHDHA0035XKCUC6	VS_SHO_AS_1RL	FLOAT	[B67109379] C67203936
UH2KKS4IYY2AHDHA0035XKCUC6	VS_SHO_AS_2RL	FLOAT	[B67109379] C67203937
UH2KKS6IYY2AHDHA0035XKCUC6	VS_SHO_AS_3RL	FLOAT	[B67109379] C67203938
UH2KKSDIYY2AHDHA0035XKCUC6	VS_SHO_AS_4RL	FLOAT	[B67109379] C67203939

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UH2KKSHIYY2AHDHA0035XKCUC6	VS_SHO_AS_5RL	FLOAT	[B67109379] C67203940
UH2KKSLIYY2AHDHA0035XKCUC6	VS_SHO_AS_6RL	FLOAT	[B67109379] C67203941
YEARPNLUPW2AHRHR0035XVPKR0	B67109379_C67192562	NUMBER	[B67109379] C67192562
YEARPNNUPW2AHRHR0035XVPKR0	B67109379_C67193563	NUMBER	[B67109379] C67193563
YEARPNPUPW2AHRHR0035XVPKR0	B67109379_C67193564	NUMBER	[B67109379] C67193564

7.7.92 HUA_CELL_SOFTER_HOVER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109379] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SRU1RJTLWUCR0SQXYK4HNXAV2R	VS_SOHO_ASU_ATTRLADD	NUMBER	[B67109379] C67180483
TPPSDX2CWKBXNE6FN00F5WQPTI	VS_SOHO_ASU_ATTRLDEL	NUMBER	[B67109379] C67180490
WRU1XQIH05BH5B6MWM651LKDKU	VS_SOHO_ASU_FAILRLADD_CFGUNS	NUMBER	[B67109379] C67180485
RMCJF6IVOIBR0SLAS6RQ5BIPFR	VS_SOHO_ASU_FAILRLADD_INVCFG	NUMBER	[B67109379] C67180488
TXM5JURE5MCEWC1JTD2SD3GTHE	VS_SOHO_ASU_FAILRLADD_ISR	NUMBER	[B67109379] C67180486
VA1VFJAXACBEBTYHLO2T0O0TCX	VS_SOHO_ASU_FAILRLADD_NOREPL	NUMBER	[B67109379] C67180489
SMK111LLDNBMVSM5KFF1K3VQJX	VS_SOHO_ASU_FAILRLDEL_CFGUNS	NUMBER	[B67109379] C67180492
WUWAPUJYDTBVMBUHD165IC3OQ1	VS_SOHO_ASU_FAILRLDEL_INVCFG	NUMBER	[B67109379] C67180495
UHOCE6WB3YC61TP4WVO	VS_SOHO_ASU_FAIL	NUMBER	[B67109379] C67180493

DTYEKLC	RLDEL_ISR		
RGWG0NR3YBBKJT3X4OURE4EPW5	VS_SOHO_ASU_FAILRLDEL_NOREPL	NUMBER	[B67109379] C67180496
UJ03HY40ODBCNRWX6S1Y2MFAM5	VS_SOHO_ASU_SUCCRLADD	NUMBER	[B67109379] C67180484
R3MNDSLA21COFDKT1PRVGPQNSO	VS_SOHO_ASU_SUCCRLDEL	NUMBER	[B67109379] C67180491

7.7.93 HUA_CELL_THRUPUT_AMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ04UPW2AHRHR0035XVPKR0	B67109508_C67192689	FLOAT	[B67109508] C67192689
UB2WGQHIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_DL	FLOAT	[B67109508] C67203450
UB2WGQJIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_DL_HI	NUMBER	[B67109508] C67191765
UB2WGQLIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_DL_LO	NUMBER	[B67109508] C67191764
UB2WGQNIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_UL	FLOAT	[B67109508] C67203449
UB2WGQPIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_UL_HI	NUMBER	[B67109508] C67191763
UB2WGQRIYY2AHDHA0035XKCUC6	VS_AMRLOAD_KBITS_UL_LO	NUMBER	[B67109508] C67191762

7.7.94 HUA_CELL_THRUPUT_CSCV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
W36NX0GRBTCN4DPGET2NXXXT4I	CS_CONV_KBPS_DL_28_8_THRUPUT	NUMBER	[B67109508] C67183983
XX1B50Q3XABCREQPS3KSB6663U	CS_CONV_KBPS_DL_28_8_TIMES	NUMBER	[B67109508] C67184033
TXPXXKXQOPBCHC14AHH35OBIDE	CS_CONV_KBPS_DL_32_THRUPUT	NUMBER	[B67109508] C67183985
SDYWBUNYP5B62DUXQAPEPXXAAI	CS_CONV_KBPS_DL_32_TIMES	NUMBER	[B67109508] C67184035
RHJ0YQLGJICGTBCOTNMKS0GOQK	CS_CONV_KBPS_DL_57_6_THRUPUT	NUMBER	[B67109508] C67183984
WH4RLSDGANBHVD0ULY2KOL6BMK	CS_CONV_KBPS_DL_57_6_TIMES	NUMBER	[B67109508] C67184034
VOU00O6HX0BE5DDJ602MRROCYK	CS_CONV_KBPS_DL_64_THRUPUT	NUMBER	[B67109508] C67183986
V1BFWCB1KHCB6DD5JPPJ4XCPCT	CS_CONV_KBPS_DL_64_TIMES	NUMBER	[B67109508] C67184036
XEBU203DKUCP3BGVC6EPTNBOQ0	VS_CS_CONV_KBPS_DL28_8	FLOAT	[B67109508] C67202809
XHRSYKXMFJC6OCVYG6CY62K5CF	VS_CS_CONV_KBPS_DL32	FLOAT	[B67109508] C67202811
SI0H6SOUEWCBFU6OWUEKQUFSQ5	VS_CS_CONV_KBPS_DL57_6	FLOAT	[B67109508] C67202810
UF5PAHWIBCBS5RJCN5V1JFDGMV	VS_CS_CONV_KBPS_DL64	FLOAT	[B67109508] C67202812

7.7.95 HUA_CELL_THRUPUT_CSSTR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109508] RNC_Id & "/"

		R2(50)	& Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WTYY22WJLBBDVDTORI2NHA3BQ4	CS_STR_KBPS_DL_14_4_THRUPUT	NUMBER	[B67109508] C67183988
VEW46MJJV0BKVSLNRRYBY4FACB	CS_STR_KBPS_DL_14_4_TIMES	NUMBER	[B67109508] C67184038
UO3POCL1PTBGAD2SBAEOCLOIBS	CS_STR_KBPS_DL_28_8_THRUPUT	NUMBER	[B67109508] C67183989
RY1E2XKBYSB14E1LSEAM0CMAT3	CS_STR_KBPS_DL_28_8_TIMES	NUMBER	[B67109508] C67184039
RBIUXEEENAC3HSRCROQHT5MBON	CS_STR_KBPS_DL_32_THRUPUT	NUMBER	[B67109508] C67183991
WXQEKJQYQSCB0BWJQ1JN5GNNPP	CS_STR_KBPS_DL_32_TIMES	NUMBER	[B67109508] C67184041
WVAYXF2SL2BH6CKDXEUAFQQIGH	CS_STR_KBPS_DL_57_6_THRUPUT	NUMBER	[B67109508] C67183990
TVKM203AGACSUUTRKBU0O3JM45	CS_STR_KBPS_DL_57_6_TIMES	NUMBER	[B67109508] C67184040
TRO4LSHX0IB3YC54S5O450EJNJ	CS_STR_KBPS_DL_64_THRUPUT	NUMBER	[B67109508] C67183992
XRFY01UYVWCVBE3YM5O6BTMRVB	CS_STR_KBPS_DL_64_TIMES	NUMBER	[B67109508] C67184042
SSE1S5JW6VBJJBX2TY2MP2KUR6	CS_STR_KBPS_UL_64_THRUPUT	NUMBER	[B67109508] C67184013
TEFQ2PC2U0CFABAEPBGW1SYQIN	CS_STR_KBPS_UL_64_TIMES	NUMBER	[B67109508] C67184063
U230MYTYWIC6CRHBD2HTADBI2M	VS_CS_STR_KBPS_UL64	FLOAT	[B67109508] C67202839
UIMMRDT12JBU0UPWFL0CJGARBV	VS_CS_STR_KBPS_DL14_4	FLOAT	[B67109508] C67202814

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RSGGMOTLPGBCSBAU2Y2WHB5252	VS_CS_STR_KBPS_DL28_8	FLOAT	[B67109508] C67202815
Y2NTCING2EBA2RX12P1N351TUM	VS_CS_STR_KBPS_DL32	FLOAT	[B67109508] C67202817
W5JXF2KIOJCLMREMU16KJ1LGI1	VS_CS_STR_KBPS_DL57_6	FLOAT	[B67109508] C67202816
XT34GJN3BDCCHR6H2YV6XNK5IS	VS_CS_STR_KBPS_DL64	FLOAT	[B67109508] C67202818

7.7.96 HUA_CELL_THRUPUT_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKNPIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_0_32	FLOAT	[B67109508] C67203454
UH2KKNRIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_0_32_HI	NUMBER	[B67109508] C67191773
UH2KKNTIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_0_32_LO	NUMBER	[B67109508] C67191772
UH2KKNVIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_144_384	FLOAT	[B67109508] C67203460
UH2KKNXIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_144_384_HI	NUMBER	[B67109508] C67191785
UH2KKO0IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_144_384_LO	NUMBER	[B67109508] C67191784
UH2KKO2IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_32_64	FLOAT	[B67109508] C67203456
UH2KKO4IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_32_64_HI	NUMBER	[B67109508] C67191777
UH2KKO6IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_32_64_LO	NUMBER	[B67109508] C67191776
UH2KKOBIYY2AHDHA0035	VS_PSLOAD_KBITS_	FLOAT	[B67109508] C67203458

XKCUC6	DL_64_144		
UH2KKODIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_64_144_HI	NUMBER	[B67109508] C67191781
UH2KKOFIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_DL_64_144_LO	NUMBER	[B67109508] C67191780
UH2KKOHIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_0_32	FLOAT	[B67109508] C67203453
UH2KKOJIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_0_32_HI	NUMBER	[B67109508] C67191771
UH2KKOLIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_0_32_LO	NUMBER	[B67109508] C67191770
UH2KKONIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_144_384	FLOAT	[B67109508] C67203459
UH2KKOPIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_144_384_HI	NUMBER	[B67109508] C67191783
UH2KKORIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_144_384_LO	NUMBER	[B67109508] C67191782
UH2KKOTIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_32_64	FLOAT	[B67109508] C67203455
UH2KKOVIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_32_64_HI	NUMBER	[B67109508] C67191775
UH2KKOXIYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_32_64_LO	NUMBER	[B67109508] C67191774
UH2KKP0IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_64_144	FLOAT	[B67109508] C67203457
UH2KKP2IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_64_144_HI	NUMBER	[B67109508] C67191779
UH2KKP4IYY2AHDHA0035XKCUC6	VS_PSLOAD_KBITS_UL_64_144_LO	NUMBER	[B67109508] C67191778

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7.7.97 HUA_CELL_THRUPUT_PSBGDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RR0FSELS0UCI6TTH2SIUQN05DO	PS_BKG_KBPS_DL_128_THRUPUT	FLOAT	[B67109508] C67183997
Y351WBFCFECV5DYI2COCNKDO01	PS_BKG_KBPS_DL_128_TIMES	NUMBER	[B67109508] C67184047
RYS4OP215YC4YT2YB52OJN2C6X	PS_BKG_KBPS_DL_144_THRUPUT	FLOAT	[B67109508] C67183998
XX132012VYB1DDBJN5210VQ2BI	PS_BKG_KBPS_DL_144_TIMES	NUMBER	[B67109508] C67184048
YBGRNM366IBI6B2XY1LANMEX5G	PS_BKG_KBPS_DL_16_THRUPUT	FLOAT	[B67109508] C67183994
U2XXOLXBDNB1CC14SA4QOY45NU	PS_BKG_KBPS_DL_16_TIMES	NUMBER	[B67109508] C67184044
RCJPGBUTV6BA6EMOQQ4NCYFVPI	PS_BKG_KBPS_DL_256_THRUPUT	FLOAT	[B67109508] C67183999
YM6YUPDGIKCSCRDYYBQKUN26RR	PS_BKG_KBPS_DL_256_TIMES	NUMBER	[B67109508] C67184049
VKYVDWK4T0BHKSA2XWTK651AFC	PS_BKG_KBPS_DL_32_THRUPUT	FLOAT	[B67109508] C67183995
TNDEPP64FFBY0SD21TEHVTJ24T	PS_BKG_KBPS_DL_32_TIMES	NUMBER	[B67109508] C67184045
RVUL2YYDN0BCKT43YYQHWNRSKN	PS_BKG_KBPS_DL_384_THRUPUT	FLOAT	[B67109508] C67184000
XGPHD0QC4CCLDBGBME3F45XIBW	PS_BKG_KBPS_DL_384_TIMES	NUMBER	[B67109508] C67184050
UMQMKLIX0JBP2B04R4505WTX1V	PS_BKG_KBPS_DL_64_THRUPUT	FLOAT	[B67109508] C67183996
W2JNKD1LNKCCRBCOJ4D5ATYSX6	PS_BKG_KBPS_DL_64_TIMES	NUMBER	[B67109508] C67184046

YYE4IJP6RVB0SE6GMTS1ILLVQN	PS_BKG_KBPS_DL_8_THRUPUT	FLOAT	[B67109508] C67183993
UWFAXN56BECWGEEQ6KWXDLCPLM	PS_BKG_KBPS_DL_8_TIMES	NUMBER	[B67109508] C67184043
S3WAHBAXMABFFC032CDSDF1CC5	VS_PS_BKG_KBPS_DL128	FLOAT	[B67109508] C67202823
TBPJOASC5UCQNTNW2GYR5BTEBL	VS_PS_BKG_KBPS_DL144	FLOAT	[B67109508] C67202824
XKQ341VUI3B6NDPKFMHQBWL2HL	VS_PS_BKG_KBPS_DL256	FLOAT	[B67109508] C67202825
TNJEMYYDUPCQ2DOVG65CWN0OIV	VS_PS_BKG_KBPS_DL384	FLOAT	[B67109508] C67202826
XM3DAYDXKOCDWEFD3DVUI44K1R	VS_PS_BKG_KBPS_DL64	FLOAT	[B67109508] C67202822
WI4M0G5YOYBWCU1JR2K5W45YAR	VS_PS_BKG_KBPS_DL16	FLOAT	[B67109508] C67202820
RNJD0ONLD6CFEE03QUMOYTKFLR	VS_PS_BKG_KBPS_DL32	FLOAT	[B67109508] C67202821
S1IOHKLU3YCRPDHLV3HDF12K2S	VS_PS_BKG_KBPS_DL8	FLOAT	[B67109508] C67202819

7.7.98 HUA_CELL_THRUPUT_PSBGUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YSRKFTRKJPBUUR543BGIHL1UAC	PS_BKG_KBPS_UL_128_THRUPUT	NUMBER	[B67109508] C67184018
SL2B3LO3U4C6FU12KOQ1FBFNDE	PS_BKG_KBPS_UL_128_TIMES	NUMBER	[B67109508] C67184068

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Y3ME2DIMLDBHVEVSYI0Y355POQ	PS_BKG_KBPS_UL_144_THRUPUT	NUMBER	[B67109508] C67184019
RTIONEDPJECQECUWKQB2PI4FMA	PS_BKG_KBPS_UL_144_TIMES	NUMBER	[B67109508] C67184069
UUC12VDGUUCCQRMLFXR5CKAARV	PS_BKG_KBPS_UL_16_THRUPUT	NUMBER	[B67109508] C67184015
SFVFSIIA3XBLQSY5HBHR1LNGNY	PS_BKG_KBPS_UL_16_TIMES	NUMBER	[B67109508] C67184065
RBMJYFXQ2SBV2EJJJGN4WM6ASE	PS_BKG_KBPS_UL_256_THRUPUT	NUMBER	[B67109508] C67184020
Y013PDNB5LCLWTONSDLT2NUMLW	PS_BKG_KBPS_UL_256_TIMES	NUMBER	[B67109508] C67184070
VBWWVRYQOPBLEEY240A3GKTFMA	PS_BKG_KBPS_UL_32_THRUPUT	NUMBER	[B67109508] C67184016
UQW6KUIXAKCJRTIYIDYB2KELJC	PS_BKG_KBPS_UL_32_TIMES	NUMBER	[B67109508] C67184066
YKUQ3KKEUWBGKR2LL4J0YLJD3K	PS_BKG_KBPS_UL_384_THRUPUT	NUMBER	[B67109508] C67184021
YDCWAWNMXPBM5D6XAE2TOGGHLS	PS_BKG_KBPS_UL_384_TIMES	NUMBER	[B67109508] C67184071
WWW0RG4N3OBCJE4IYEDPFW5MYR	PS_BKG_KBPS_UL_64_THRUPUT	NUMBER	[B67109508] C67184017
WITBP0D5FRCPQC0BJO4461UAYY	PS_BKG_KBPS_UL_64_TIMES	NUMBER	[B67109508] C67184067
TCKTQ1I0KVB0SC2FDHWCP4MYVF	PS_BKG_KBPS_UL_8_THRUPUT	NUMBER	[B67109508] C67184014
UQNFDOQAXXBWWBFT52JLY4NG5H	PS_BKG_KBPS_UL_8_TIMES	NUMBER	[B67109508] C67184064
UCK1COXB52CFDE4JP46OEI164X	VS_PS_BKG_KBPS_UL128	FLOAT	[B67109508] C67202844
W22GGSSK4EB2GDVMKLFSN4IUYI	VS_PS_BKG_KBPS_UL144	FLOAT	[B67109508] C67202845
SK51MPYBRABNEULBGEQRX6E4TI	VS_PS_BKG_KBPS_UL16	FLOAT	[B67109508] C67202841
TUOHDHIS20C1GB3WAANBF	VS_PS_BKG_KBPS_	FLOAT	[B67109508] C67202846

MULT2	UL256		
XH4YDJ54B5CGSRGKP4BRYNGGV2	VS_PS_BKG_KBPS_UL32	FLOAT	[B67109508] C67202842
YORERYQVPGCOWB4UTVMJBOOUXQ	VS_PS_BKG_KBPS_UL384	FLOAT	[B67109508] C67202847
XYU4FICJNKB0EDFOXS4ARI6NYE	VS_PS_BKG_KBPS_UL64	FLOAT	[B67109508] C67202843
Y2Q2RJ0DCUC5VTWBBQUOKCGQC1	VS_PS_BKG_KBPS_UL8	FLOAT	[B67109508] C67202840

7.7.99 HUA_CELL_THRUPUT_PSCV_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WJA454N6XEBNOTE4JIMJ2AOXJ6	PS_CONV_KBPS_DL_8_THRUPUT	NUMBER	[B67109508] C67183987
Y3KQ1QNJDJBL6UFS3VXECBW0BA	PS_CONV_KBPS_DL_8_TIMES	NUMBER	[B67109508] C67184037
UOL3UJKMOJBIIUEF6L02M6OS44	VS_PS_CONV_KBPS_DL8	FLOAT	[B67109508] C67202813

7.7.100HUA_CELL_THRUPUT_PSITDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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RK2AKAF34TCF5EIFHLXAI3E1CR	PS_INTER_KBPS_DL_128_THRUPUT	NUMBER	[B67109508] C67184005
XSNM2JSC64CMASCP1Q2JYD6OFN	PS_INTER_KBPS_DL_128_TIMES	NUMBER	[B67109508] C67184055
YAXSRCTGGFBRDS5VMVKYQXRFDN	PS_INTER_KBPS_DL_144_THRUPUT	NUMBER	[B67109508] C67184006
SRFXY4CGFKBFNBCXG42IWVKH4M	PS_INTER_KBPS_DL_144_TIMES	NUMBER	[B67109508] C67184056
WYMM5QHCLHBT0BHYPPG2S2FIMF	PS_INTER_KBPS_DL_16_THRUPUT	NUMBER	[B67109508] C67184002
SAB352BCY5BQSUX4RHXE5PHTJM	PS_INTER_KBPS_DL_16_TIMES	NUMBER	[B67109508] C67184052
WWNDA34HGVCBMSG0A4EPW4GO2K	PS_INTER_KBPS_DL_256_THRUPUT	NUMBER	[B67109508] C67184007
TJG2ODSGEUCXQU32N41B3UASCY	PS_INTER_KBPS_DL_256_TIMES	NUMBER	[B67109508] C67184057
TQLADQCOEICUQC43C2YQAFFJRY	PS_INTER_KBPS_DL_32_THRUPUT	NUMBER	[B67109508] C67184003
XT3LUNC2NYBUKSY25CVDNASUQI	PS_INTER_KBPS_DL_32_TIMES	NUMBER	[B67109508] C67184053
W2P2VDR1L3BSFR2BOKIVOQUOTL	PS_INTER_KBPS_DL_384_THRUPUT	NUMBER	[B67109508] C67184008
WOFTSG54K0BCITWPADNABGNJXQ	PS_INTER_KBPS_DL_384_TIMES	NUMBER	[B67109508] C67184058
VRSSPSPG2NBR1TFCTI6YW0MGW4	PS_INTER_KBPS_DL_64_THRUPUT	NUMBER	[B67109508] C67184004
WSXIRRR2LTBAVUCNBOXUV0FWBN	PS_INTER_KBPS_DL_64_TIMES	NUMBER	[B67109508] C67184054
UP0L1VWR5EC14SW0K5MSGY4CR0	PS_INTER_KBPS_DL_8_THRUPUT	NUMBER	[B67109508] C67184001
WVNJX6ORJ6BVPTL3O5TTXLRCRJ	PS_INTER_KBPS_DL_8_TIMES	NUMBER	[B67109508] C67184051
UOO1J6LXABBO2UESRNN2E5FFIC	VS_PS_INT_KBPS_DL128	FLOAT	[B67109508] C67202831
XSEWJKU1K5BNHCXBP2V22	VS_PS_INT_KBPS_D	FLOAT	[B67109508] C67202832

RLVRC	L144		
U4SJXGTAIQBAGRL3EQD4UII0CW	VS_PS_INT_KBPS_DL16	FLOAT	[B67109508] C67202828
SBKSXSGYQFCKVBYLEQXDR0AKB0	VS_PS_INT_KBPS_DL256	FLOAT	[B67109508] C67202833
WBA6CKOBV6C0XBM4XDFS3TMLKU	VS_PS_INT_KBPS_DL32	FLOAT	[B67109508] C67202829
TMBK6AN0BYBNDE02RRLUE6P5X5	VS_PS_INT_KBPS_DL384	FLOAT	[B67109508] C67202834
S2P0W6PNV4CAYEJCD0VQLV5VE2	VS_PS_INT_KBPS_DL64	FLOAT	[B67109508] C67202830
UJH26523U4BY1UJS0CDKA3OFGK	VS_PS_INT_KBPS_DL8	FLOAT	[B67109508] C67202827
WOFE3T6H1GB1RTBP1IOKV2CJE3	CELL_ASE_BUSY_HOUR	FLOAT	[B67109508] (C67202830 * 2) + (C67202831 * 4) + (C67202834 * 8) + C67199620 + (C67199556 * 2)

7.7.101HUA_CELL_THRUPUT_PSITUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3EKU6WTHTB42U3JOANIU226MU	PS_INTER_KBPS_UL_128_THRUPUT	NUMBER	[B67109508] C67184026
U3G0VR1HXLC5REITD5VKFAK1KI	PS_INTER_KBPS_UL_128_TIMES	NUMBER	[B67109508] C67184076
USNG0PUOGHBNHSRNGVNJ56YS53	PS_INTER_KBPS_UL_144_THRUPUT	NUMBER	[B67109508] C67184027

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SMMYWMBNABBRWUTVIKUKWCUNLM	PS_INTER_KBPS_UL_144_TIMES	NUMBER	[B67109508] C67184077
XN5VMS54Q4CBKSG2MB6EQ1JFIU	PS_INTER_KBPS_UL_16_THRUPUT	NUMBER	[B67109508] C67184023
XMHXKNMXFACWQCJBAY5PKILTBY	PS_INTER_KBPS_UL_16_TIMES	NUMBER	[B67109508] C67184073
XFIDE0HTEFB4LUXU1I4AOJ2YNR	PS_INTER_KBPS_UL_256_THRUPUT	NUMBER	[B67109508] C67184028
S6HRJAJTXOBONCNSRAS00WNJL0	PS_INTER_KBPS_UL_256_TIMES	NUMBER	[B67109508] C67184078
X1AQM26OJWCDCEQLWTQA5A05DW	PS_INTER_KBPS_UL_32_THRUPUT	NUMBER	[B67109508] C67184024
XSMLC4XPILB5EERTH2FKCMKSR5	PS_INTER_KBPS_UL_32_TIMES	NUMBER	[B67109508] C67184074
ROKC2Y6O0YBP2RUADHI15OM1SV	PS_INTER_KBPS_UL_384_THRUPUT	NUMBER	[B67109508] C67184029
RAYELTTSAKBK1UW11C3B0VXR6I	PS_INTER_KBPS_UL_384_TIMES	NUMBER	[B67109508] C67184079
YWARUUL2RQBH0DOBAPAA0CX3PP	PS_INTER_KBPS_UL_64_THRUPUT	NUMBER	[B67109508] C67184025
X3G1GY6P3ECEXDDHF4CRTPJOPF	PS_INTER_KBPS_UL_64_TIMES	NUMBER	[B67109508] C67184075
S3V53DYH15CONTNI1UPIWMC5A6	PS_INTER_KBPS_UL_8_THRUPUT	NUMBER	[B67109508] C67184022
SIRD0PP2FSBETTMSPUAE2Q226O	PS_INTER_KBPS_UL_8_TIMES	NUMBER	[B67109508] C67184072
U3I5CUMEJ0BRCEAX1M13WX2DHX	VS_PS_INT_KBPS_UL128	FLOAT	[B67109508] C67202852
SHGC5UWHUMCUTDPBPLKKSQTE5Q	VS_PS_INT_KBPS_UL144	FLOAT	[B67109508] C67202853
USMJ1W0OFACBXT1VNUIEEOVCHJ	VS_PS_INT_KBPS_UL16	FLOAT	[B67109508] C67202849
VUHS5TFOQ2CNAUYA5I5MCUXO15	VS_PS_INT_KBPS_UL256	FLOAT	[B67109508] C67202854
YUFVAW4F65BQWCEJULYC1A	VS_PS_INT_KBPS_	FLOAT	[B67109508] C67202850

ADVV	UL32		
UUQ3VLP0J5BSAUAW2TGVASPH4V	VS_PS_INT_KBPS_UL384	FLOAT	[B67109508] C67202855
UTNMLE2H6VB4IEVTKQM2CU0TIA	VS_PS_INT_KBPS_UL64	FLOAT	[B67109508] C67202851
WFCEV2AJ0HBYYSNUJFRH0VR0LW	VS_PS_INT_KBPS_UL8	FLOAT	[B67109508] C67202848

7.7.102HUA_CELL_THRUPUT_PSSTR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YBMU3EBHN3C6SD0HJRR3TBL2F2	PS_STR_KBPS_DL_128_THRUPUT	NUMBER	[B67109508] C67184011
U5XXKUM0ISB3STK2JCOHDU61CS	PS_STR_KBPS_DL_128_TIMES	NUMBER	[B67109508] C67184061
RN3TAOIHA0CRWTQS3WCFRNGOSF	PS_STR_KBPS_DL_144_THRUPUT	NUMBER	[B67109508] C67184012
T2GBQOHLLGBPDEK5NDYYIDA4RS	PS_STR_KBPS_DL_144_TIMES	NUMBER	[B67109508] C67184062
T1LXF4LCPXCQHD0B6PWX6IQU1Q	PS_STR_KBPS_DL_32_THRUPUT	NUMBER	[B67109508] C67184009
VPF54VLGIHBCXDMYUB2AEOPCV6	PS_STR_KBPS_DL_32_TIMES	NUMBER	[B67109508] C67184059
XAQ46GMXCVB40BCGQK1IC6YYHP	PS_STR_KBPS_DL_64_THRUPUT	NUMBER	[B67109508] C67184010
WHXMBVJICKBU5SBWIDT6DNG3PH	PS_STR_KBPS_DL_64_TIMES	NUMBER	[B67109508] C67184060

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U566C20FULCBQBRY4WQETA1L0E	PS_STR_KBPS_UL_16_THRUPUT	NUMBER	[B67109508] C67184030
SXFSF0FHOABSSE4GCBLQ1F43XK	PS_STR_KBPS_UL_16_TIMES	NUMBER	[B67109508] C67184080
R2SCPI6343CPMDQQYOE3FF001F	PS_STR_KBPS_UL_32_THRUPUT	NUMBER	[B67109508] C67184031
Y2COIPG630C2YSNASCIXG4CQVN	PS_STR_KBPS_UL_32_TIMES	NUMBER	[B67109508] C67184081
V5X014430HB6RDJK2WBFLQUCES	PS_STR_KBPS_UL_64_THRUPUT	NUMBER	[B67109508] C67184032
UAV00IYMPECNGR5PAFJSQVL3QG	PS_STR_KBPS_UL_64_TIMES	NUMBER	[B67109508] C67184082
WYS3Y1QN15BHBEKHYEG63X5P0I	VS_PS_STR_KBPS_DL128	FLOAT	[B67109508] C67202837
VW6O2JKUNBC3QRI543WOBXAKO1	VS_PS_STR_KBPS_DL144	FLOAT	[B67109508] C67202838
WG0JCSPKE2BWDTRQSD1GPMFNQJ	VS_PS_STR_KBPS_DL32	FLOAT	[B67109508] C67202835
Y6VLBMGYGLC4QE5OL5O4Q5GHDG	VS_PS_STR_KBPS_DL64	FLOAT	[B67109508] C67202836
V1TG5RU0L1B4MBEV03KAPMDHYB	VS_PS_STR_KBPS_UL16	FLOAT	[B67109508] C67202856
UEGHFXL4TFCS1BHWTA4GHASVWR	VS_PS_STR_KBPS_UL32	FLOAT	[B67109508] C67202857
SR6GAJCITJBUIUFBUR326DERDH	VS_PS_STR_KBPS_UL64	FLOAT	[B67109508] C67202858

7.7.103HUA_CELL_THRUPUT_SRB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SR3CW6VAHJBCGE3RLC1L45	VS_DCCHSRBKBPS_	FLOAT	[B67109508] C67202860

S1UH	DL		
W6OC1VBIWKB1EETVM2JF2BFAOF	VS_DCCHSRBKBPS_DL_THRUPUT	NUMBER	[B67109508] C67189905
UBNFD62KRJBCJDVTTHCG2SSEQN	VS_DCCHSRBKBPS_DL_TIMES	NUMBER	[B67109508] C67189906
U2HN2LONXVCWXDUBBT2CNI3EX6	VS_DCCHSRBKBPS_UL	FLOAT	[B67109508] C67202859
WAHVUJMW3YBRYRSMVK6VQWDM34	VS_DCCHSRBKBPS_UL_THRUPUT	NUMBER	[B67109508] C67189903
TVVNKVYPOOCAVUPWTWNR4J3DJB	VS_DCCHSRBKBPS_UL_TIMES	NUMBER	[B67109508] C67189904

7.7.104HUA_CELL_THRUPUT_VP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ06UPW2AHRHR0035XVPKR0	B67109508_C67192690	FLOAT	[B67109508] C67192690
UH2KKT2IYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_DL	FLOAT	[B67109508] C67203452
UH2KKT4IYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_DL_HIGH	NUMBER	[B67109508] C67191769
UH2KKT6IYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_DL_LOW	NUMBER	[B67109508] C67191768
UH2KKTBIYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_UL	FLOAT	[B67109508] C67203451
UH2KKTDIYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_UL_HIGH	NUMBER	[B67109508] C67191767

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UH2KKTFIYY2AHDHA0035XKCUC6	VS_VPLOAD_KBITS_UL_LOW	NUMBER	[B67109508] C67191766

7.7.105HUA_CELL_TRAFFIC_CS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109387] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WNY1XRRE20CDIEKIDIINRFLJQH	VS_MAC_SRNCIUBBYTESCSCONV_RX	NUMBER	[B67109387] C67199642
VW5C4NT4J3BN2EM1UAWKRJGLQY	VS_MAC_SRNCIUBBYTESCSCONV_TX	NUMBER	[B67109387] C67199646
ROY0YRPFV5CDURG6RFQGYQJRTF	VS_MAC_SRNCIUBBYTESCSSTR_RX	NUMBER	[B67109387] C67199643
X1NIYJEABXBGQRBSIGROUQIFWD	VS_MAC_SRNCIUBBYTESCSSTR_TX	NUMBER	[B67109387] C67199647

7.7.106HUA_CELL_TRAFFIC_GLOBAL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109387] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXOPLUI2AIDKRB02OFAWJHK	VS_MBMS_IUB_BANDWIDTH	FLOAT	[B67109387] C67204155
ROB4JLDHYFBAISURIGUBMQ6JPU	BCCH_SRB_KBPS_DL_TIMES	NUMBER	[B67109387] C67190392
SVQ6TVQJC2B1CSOFFN1LVXPSJ2	BCCH_SRB_KBPS_DL_VOLUME	NUMBER	[B67109387] C67190391
XLTSNFGYKFBPTSFJL0IRWR1DMR	VS_BCCHSRBKBPS_DL	FLOAT	[B67109387] C67189782

RG6LAGI3WUBEVDW5MRKNWMM5JD	VS_CCCHSRBKBPS_DL	FLOAT	[B67109387] C67202807
S332SV5YKCCRDUCIVFVFWPDJMF	VS_CCCHSRBKBPS_DL_TIMES	NUMBER	[B67109387] C67189784
RDULLANRHLCRQTMC0KPO1PCM6D	VS_CCCHSRBKBPS_DL_VOLUME	NUMBER	[B67109387] C67189783
XKVNWLWMYTBJURE6JPCY15THL2	VS_CCCHSRBKBPS_UL	FLOAT	[B67109387] C67202808
R5A6NCLIAQB3UBC041LQHAWNQO	VS_CCCHSRBKBPS_UL_TIMES	NUMBER	[B67109387] C67189786
VKKMC6VNTECBYD5YPO6HBHYW6N	VS_CCCHSRBKBPS_UL_VOLUME	NUMBER	[B67109387] C67189785
Y5AEJOY5MCB3ER3PUSIDKN1OST	VS_CRNC_IUB_FACH_BANDWIDTH	FLOAT	[B67109387] C67199740
X1GTAAUKFVC16TEWUCG4VHIBDO	VS_CRNC_IUB_PCH_BANDWIDTH	FLOAT	[B67109387] C67199741
V00DT2RAQEB3XCFSR064W1HVXW	VS_CRNC_IUB_RACH_BANDWIDTH	FLOAT	[B67109387] C67199739
SR3PKEXKESBCBRVWE3SDS6JEMK	VS_IUB_FP_UNSYNC	NUMBER	[B67109387] C67190403
SG1AGH4V14B2SDGLBJDWD5FNWF	VS_MAC_CRNCIUBBYTESFACH_TX	NUMBER	[B67109387] C67199638
Y3K6HJMYKDB25UK4CFC5VWS064	VS_MAC_CRNCIUBBYTESPCH_TX	NUMBER	[B67109387] C67199637
R5Y1BRYP1JBM0SGAS6MSXQDFUI	VS_MAC_CRNCIUBBYTESRACH_RX	NUMBER	[B67109387] C67199639
RDSTOJ2VRFBG0EB3RMIA0UR16J	VS_MAC_DRNCIUBBYTESDCH_RX	NUMBER	[B67109387] C67202422
UVT6T1PKTIBEQEGJ2RCM1HIECG	VS_MAC_DRNCIUBBYTESDCH_TX	NUMBER	[B67109387] C67202423
U6UOFBOI6ECV3SCMFDYYBQWIO6	VS_MAC_SRNCIUBBYTESDCH_RX	NUMBER	[B67109387] C67199640

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V6IHFDQR1YC65U6QXCIRCULHJR	VS_MAC_SRNCIUBBYTESDCH_TX	NUMBER	[B67109387] C67199641

7.7.107HUA_CELL_TRAFFIC_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109387] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYW2LUPW2AHRHR0035XVPKR0	B67109387_C67204753	NUMBER	[B67109387] C67204753
YKAYW2NUPW2AHRHR0035XVPKR0	B67109387_C67204754	NUMBER	[B67109387] C67204754
VM1OGMBBNFB5FRXJDP6K1UBEYH	VS_MAC_SRNCIUBBYTESPSBKG_RX	NUMBER	[B67109387] C67199653
YL4P62W1QEBVKEROD0JMO4TKC1	VS_MAC_SRNCIUBBYTESPSBKG_TX	NUMBER	[B67109387] C67199657
UK3EIUMSLPCE0UTFSLLJA6CVQK	VS_MAC_SRNCIUBBYTESPSCONV_RX	NUMBER	[B67109387] C67199650
TSTNJ2PY1VBKATIJL2IY1JL5YV	VS_MAC_SRNCIUBBYTESPSCONV_TX	NUMBER	[B67109387] C67199654
TOITGRG41GBM3U5P4LR4TSROIV	VS_MAC_SRNCIUBBYTESPSINT_RX	NUMBER	[B67109387] C67199652
RWKNL4QAXVCDNRHAAXERGO2YYI	VS_MAC_SRNCIUBBYTESPSINT_TX	NUMBER	[B67109387] C67199656
WJEUSYEUA3BTGRC1E12HUHR5JC	VS_MAC_SRNCIUBBYTESPSSTR_RX	NUMBER	[B67109387] C67199651
YUDEPYPITBCEWC235SSQHE6MGH	VS_MAC_SRNCIUBBYTESPSSTR_TX	NUMBER	[B67109387] C67199655
U36BEPX45TC45BLB6V1QBG041V	CELL_TRAFFIC_BUSY_HOUR	NUMBER	[B67109387] C67189840 + C67199656 + C67199652 + C67199657 + C67199653 + C67199642 + C67199646

7.7.108HUA_CELL_UPD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109382] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XGDABAN6CIC0VRAE52ELB5DTDG	RRC_ATTCONNREESTAB_RFLOSS	NUMBER	[B67109382] C67180378
XMDO6R3H6ICIWSFMSGH4AIULSK	RRC_FAILCONNREESTAB_NOREPLY	NUMBER	[B67109382] C67189768
S6V1QUPLBICVUCBF0JSJFCTJ2O	RRC_SUCCCONNREESTAB	NUMBER	[B67109382] C67189767
YW0E02JX0VCOTTWNCYLERAXXSK	VS_CELLUPDT_ATTCONF	NUMBER	[B67109382] C67180370
XDD6SYV560BCODAJVF4JRL3456	VS_CELLUPDT_ATTERRRLC	NUMBER	[B67109382] C67180377
Y4B3YORO55CB4RY3Q3PN2TI6L0	VS_CELLUPDT_ATTPAGE	NUMBER	[B67109382] C67180375
V4XNLDYHKMC2TEMHKUKYLSL3OC	VS_CELLUPDT_ATTPRD	NUMBER	[B67109382] C67180372
RGST1JN6RVC1PDILLNGEL3RQ0U	VS_CELLUPDT_ATTRESEL	NUMBER	[B67109382] C67180373
UTT4XHBPATCGVROINXTD02BDIX	VS_CELLUPDT_ATTRSA	NUMBER	[B67109382] C67180374
SK0MB34X3PBGYTKW12IYDEWJDK	VS_CELLUPDT_ATTULDATTRSF	NUMBER	[B67109382] C67180376
VOTL2MFHULCJXUHFBLTJQLRJ0Y	VS_CELLUPDT_RLFAIL_MAX_TIME	NUMBER	[B67109382] C67189764
WNGEVMASEBB4RE2E60OJ5YFNPD	VS_CELLUPDT_RLFAIL_MEAN_TIME	FLOAT	[B67109382] C67202419

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WLRQ5JH0TFCXLELXLU5QKSRW5B	VS_CELLUPDT_RLFAIL_TCUM	NUMBER	[B67109382] C67189765
VEU0ATSXHQCMRTHI13OH6SESCU	VS_CELLUPDT_RLFAIL_TSAMPLE	NUMBER	[B67109382] C67189766
VY05K60OGBCVJT6JLSJ5PMECVH	VS_CELLUPDT_SUCCERRRLC	NUMBER	[B67109382] C67180384
UWRSYT3I1KC1RSHMLSJ4I1TLP1	VS_CELLUPDT_SUCCPAGE	NUMBER	[B67109382] C67180382
WDGBYD2N5BBV3E0PEE5F0RVDVV	VS_CELLUPDT_SUCCPRD	NUMBER	[B67109382] C67180379
WFTFPQNCXSC5TDNNSV2QJUJQNU	VS_CELLUPDT_SUCCRESEL	NUMBER	[B67109382] C67180380
YFSIG5GL14BNPDUJNLLM4OVOFR	VS_CELLUPDT_SUCCRRCREL	NUMBER	[B67109382] C67180386
YDWQJXTUAUCARBONL2WFHWTSC6	VS_CELLUPDT_SUCCRSA	NUMBER	[B67109382] C67180381
UNI2YW3AJABJEUFDDTYHWCJKIL	VS_CELLUPDT_SUCCULDATTRSF	NUMBER	[B67109382] C67180383
WSL2S4SA56CJLT56VJH2WHL0BK	VS_CELLUPDT_SUCCUPD	NUMBER	[B67109382] C67180371
UUO23HXILK2AHDH6B035XKCUC6	VS_CELLUPDT_ATTRESEL_CMB	NUMBER	[B67109382] C67190836
UUO23I0ILK2AHDH6B035XKCUC6	VS_CELLUPDT_SUCCRESEL_CMB	NUMBER	[B67109382] C67190837
YEARPQTUPW2AHRHR0035XVPKR0	B67109382_C67192569	NUMBER	[B67109382] C67192569
YEARPQVUPW2AHRHR0035XVPKR0	B67109382_C67192570	NUMBER	[B67109382] C67192570
YEARPQXUPW2AHRHR0035XVPKR0	B67109382_C67192571	NUMBER	[B67109382] C67192571
YEARPR0UPW2AHRHR0035XVPKR0	B67109382_C67192572	NUMBER	[B67109382] C67192572
YEARPR2UPW2AHRHR0035XVPKR0	B67109382_C67192573	NUMBER	[B67109382] C67192573
YEARPR4UPW2AHRHR0035X	B67109382_C67192574	NUMBER	[B67109382] C67192574

VPKR0			
YEARPR6UPW2AHRHR0035X VPKR0	B67109382_C67192575	NUMBER	[B67109382] C67192575
YEARPRBUPW2AHRHR0035 XVPKR0	B67109382_C67192576	NUMBER	[B67109382] C67192576

7.7.109HUA_CELL_URA_UPDATING_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109383] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S34N33AUUGCDFRYMIBV2HJRH6R	VS_URAUPD_CHG	NUMBER	[B67109383] C67180451
X6OFUK4FAOCEXENN61MTUYQPFQ	VS_URAUPD_PRD	NUMBER	[B67109383] C67180452
YE6JPDIVPHB3GSX6YQYESIGNDH	VS_URAUPD_SUCC_CHG	NUMBER	[B67109383] C67180453
SBWPPDR5LYBVNTI4MVGDBQI6H4	VS_URAUPD_SUCC_PRD	NUMBER	[B67109383] C67180454

7.7.110HUA_CERESOURCEADJUST_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXPVLUI2AIDKRB02OFAWJHK	VS_DCCC_UL_COVDOWNSIZING_ATT	NUMBER	[B67109391] C67196032

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XLSNXPXLUI2AIDKRB02OFAWJHK	VS_DCCC_UL_COVDOWNSIZING_SUCC	NUMBER	[B67109391] C67196033
XLSNXQ0LUI2AIDKRB02OFAWJHK	VS_DCCC_UL_CONGDOWNSIZING_ATT	NUMBER	[B67109391] C67196034
XLSNXQ2LUI2AIDKRB02OFAWJHK	VS_DCCC_UL_CONGDOWNSIZING_SUCC	NUMBER	[B67109391] C67196035
XLSNXQFLUI2AIDKRB02OFAWJHK	VS_DCCC_E2E_REQRATEUP_UE	NUMBER	[B67109391] C67196025
XLSNXQHLUI2AIDKRB02OFAWJHK	VS_DCCC_E2E_REQRATEDOWN_UE	NUMBER	[B67109391] C67196026
XLSNXQJLUI2AIDKRB02OFAWJHK	VS_DCCC_E2E_SUCCRATEUP_UE	NUMBER	[B67109391] C67196027
XLSNXQLLUI2AIDKRB02OFAWJHK	VS_DCCC_E2E_SUCCRATEDOWN_UE	NUMBER	[B67109391] C67196028
YEARPUDUPW2AHRHR0035XVPKR0	B67109391_C67192585	NUMBER	[B67109391] C67192585
YEARPUFUPW2AHRHR0035XVPKR0	B67109391_C67192586	NUMBER	[B67109391] C67192586
YEARPUHUPW2AHRHR0035XVPKR0	B67109391_C67192587	NUMBER	[B67109391] C67192587
YEARPUJUPW2AHRHR0035XVPKR0	B67109391_C67192588	NUMBER	[B67109391] C67192588
YEARPULUPW2AHRHR0035XVPKR0	B67109391_C67192589	NUMBER	[B67109391] C67192589
YEARPUNUPW2AHRHR0035XVPKR0	B67109391_C67192590	NUMBER	[B67109391] C67192590
YEARPUPUPW2AHRHR0035XVPKR0	B67109391_C67192591	NUMBER	[B67109391] C67192591
YEARPURUPW2AHRHR0035XVPKR0	B67109391_C67192592	NUMBER	[B67109391] C67192592
YEARPUTUPW2AHRHR0035XVPKR0	B67109391_C67192593	NUMBER	[B67109391] C67192593
YEARPUVUPW2AHRHR0035XVPKR0	B67109391_C67192594	NUMBER	[B67109391] C67192594
YEARPUXUPW2AHRHR003	B67109391_C67192595	NUMBER	[B67109391] C67192595

5XVPKR0			
YEARPV0UPW2AHRHR0035XVPKR0	B67109391_C67192596	NUMBER	[B67109391] C67192596

7.7.111HUA_COMPRESSEDMODEACT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109523] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPYHUPW2AHRHR0035XVPKR0	B67109523_C67194881	NUMBER	[B67109523] C67194881
YEARPYJUPW2AHRHR0035XVPKR0	B67109523_C67194882	NUMBER	[B67109523] C67194882
YEARPYLUPW2AHRHR0035XVPKR0	B67109523_C67194883	NUMBER	[B67109523] C67194883
YEARPYNUPW2AHRHR0035XVPKR0	B67109523_C67194884	NUMBER	[B67109523] C67194884
YEARPYPUPW2AHRHR0035XVPKR0	B67109523_C67194885	NUMBER	[B67109523] C67194885
YEARPYRUPW2AHRHR0035XVPKR0	B67109523_C67194886	NUMBER	[B67109523] C67194886
YEARPYTUPW2AHRHR0035XVPKR0	B67109523_C67194887	NUMBER	[B67109523] C67194887
YEARPYVUPW2AHRHR0035XVPKR0	B67109523_C67194888	NUMBER	[B67109523] C67194888

7.7.112HUA_CONGESTCONTROLLDR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109391] RNC_Id & "/" &

		R2(50)	Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPV4UPW2AHRHR0035XVPKR0	B67109391_C67203991	FLOAT	[B67109391] C67203991
YEARPV6UPW2AHRHR0035XVPKR0	B67109391_C67203992	FLOAT	[B67109391] C67203992
YEARPVBUPW2AHRHR0035XVPKR0	B67109391_C67203993	FLOAT	[B67109391] C67203993
YEARPVDUPW2AHRHR0035XVPKR0	B67109391_C67203994	FLOAT	[B67109391] C67203994
YEARPVFUPW2AHRHR0035XVPKR0	B67109391_C67203995	FLOAT	[B67109391] C67203995
YEARPVHUPW2AHRHR0035XVPKR0	B67109391_C67203996	FLOAT	[B67109391] C67203996
YEARPVJUPW2AHRHR0035XVPKR0	B67109391_C67203997	FLOAT	[B67109391] C67203997
YEARPVLUPW2AHRHR0035XVPKR0	B67109391_C67192637	NUMBER	[B67109391] C67192637
YEARPVNUPW2AHRHR0035XVPKR0	B67109391_C67192638	NUMBER	[B67109391] C67192638
YEARPVPUPW2AHRHR0035XVPKR0	B67109391_C67192639	NUMBER	[B67109391] C67192639
YEARPVRUPW2AHRHR0035XVPKR0	B67109391_C67192640	NUMBER	[B67109391] C67192640
YEARPVTUPW2AHRHR0035XVPKR0	B67109391_C67192641	NUMBER	[B67109391] C67192641
YEARPVVUPW2AHRHR0035XVPKR0	B67109391_C67192642	NUMBER	[B67109391] C67192642
YEARPVXUPW2AHRHR0035XVPKR0	B67109391_C67192643	NUMBER	[B67109391] C67192643
YEARPW0UPW2AHRHR0035XVPKR0	B67109391_C67192644	NUMBER	[B67109391] C67192644
YEARPW2UPW2AHRHR0035XVPKR0	B67109391_C67192645	NUMBER	[B67109391] C67192645

7.7.113HUA_CONGESTCONTROLOLC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPV2UPW2AHRHR0035XVPKR0	B67109391_C67192549	NUMBER	[B67109391] C67192549
YEARPW4UPW2AHRHR0035XVPKR0	B67109391_C67192646	NUMBER	[B67109391] C67192646
YEARPW6UPW2AHRHR0035XVPKR0	B67109391_C67192647	NUMBER	[B67109391] C67192647
YEARPWBUPW2AHRHR0035XVPKR0	B67109391_C67192648	NUMBER	[B67109391] C67192648
YEARPWDUPW2AHRHR0035XVPKR0	B67109391_C67192649	NUMBER	[B67109391] C67192649
YEARPWFUPW2AHRHR0035XVPKR0	B67109391_C67192650	NUMBER	[B67109391] C67192650

7.7.114HUA_HARD_HO_MULTIBAND_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109380] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPOLUPW2AHRHR0035XVPKR0	B67109380_C67193565	NUMBER	[B67109380] C67193565
YEARPONUPW2AHRHR0035XVPKR0	B67109380_C67193566	NUMBER	[B67109380] C67193566

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YEARPOPUPW2AHRHR0035XVPKR0	B67109380_C67192567	NUMBER	[B67109380] C67192567
YEARPORUPW2AHRHR0035XVPKR0	B67109380_C67192568	NUMBER	[B67109380] C67192568

7.7.115HUA_INTERRATHOINCPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109381] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPQDUPW2AHRHR0035XVPKR0	B67109381_C67192675	NUMBER	[B67109381] C67192675
YEARPQFUPW2AHRHR0035XVPKR0	B67109381_C67192676	NUMBER	[B67109381] C67192676
YEARPQHUPW2AHRHR0035XVPKR0	B67109381_C67192677	NUMBER	[B67109381] C67192677
YEARPQJUPW2AHRHR0035XVPKR0	B67109381_C67192678	NUMBER	[B67109381] C67192678
YEARPQLUPW2AHRHR0035XVPKR0	B67109381_C67192679	NUMBER	[B67109381] C67192679
YEARPQNUPW2AHRHR0035XVPKR0	B67109381_C67192680	NUMBER	[B67109381] C67192680
YEARPQPUPW2AHRHR0035XVPKR0	B67109381_C67192681	NUMBER	[B67109381] C67192681
YEARPQRUPW2AHRHR0035XVPKR0	B67109381_C67192682	NUMBER	[B67109381] C67192682

7.7.116HUA_INTERRATHOOUTPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109381] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
YEARPPHUPW2AHRHR0035XVPKR0	B67109381_C67192661	NUMBER	[B67109381] C67192661
YEARPPJUPW2AHRHR0035XVPKR0	B67109381_C67192662	NUMBER	[B67109381] C67192662
YEARPPLUPW2AHRHR0035XVPKR0	B67109381_C67192663	NUMBER	[B67109381] C67192663
YEARPPNUPW2AHRHR0035XVPKR0	B67109381_C67192664	NUMBER	[B67109381] C67192664
YEARPPPUPW2AHRHR0035XVPKR0	B67109381_C67192665	NUMBER	[B67109381] C67192665
YEARPPRUPW2AHRHR0035XVPKR0	B67109381_C67192666	NUMBER	[B67109381] C67192666
YEARPPTUPW2AHRHR0035XVPKR0	B67109381_C67192667	NUMBER	[B67109381] C67192667
YEARPPVUPW2AHRHR0035XVPKR0	B67109381_C67192668	NUMBER	[B67109381] C67192668
YEARPPXUPW2AHRHR0035XVPKR0	B67109381_C67192669	NUMBER	[B67109381] C67192669
YEARPQ0UPW2AHRHR0035XVPKR0	B67109381_C67192670	NUMBER	[B67109381] C67192670
YEARPQ2UPW2AHRHR0035XVPKR0	B67109381_C67192671	NUMBER	[B67109381] C67192671
YEARPQ4UPW2AHRHR0035XVPKR0	B67109381_C67192672	NUMBER	[B67109381] C67192672
YEARPQ6UPW2AHRHR0035XVPKR0	B67109381_C67192673	NUMBER	[B67109381] C67192673
YEARPQBUPW2AHRHR0035XVPKR0	B67109381_C67192674	NUMBER	[B67109381] C67192674

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7.7.117HUA_RABABNORMHSDPA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXMBLUI2AIDKRB02OFAWJHK	VS_HSPA_RAB_LOSS_ABN_CS_CONV	NUMBER	[B67109376] C67196204
XLSNXMDLUI2AIDKRB02OFAWJHK	VS_HSPA_RAB_LOSS_NORM_CS_CONV	NUMBER	[B67109376] C67196205
YEARQABUPW2AHRHR0035XVPKR0	B67109376_C67192975DIFF	NUMBER	[B67109376] C67192975
YEARQADUPW2AHRHR0035XVPKR0	B67109376_C67192976DIFF	NUMBER	[B67109376] C67192976
YEARQAFUPW2AHRHR0035XVPKR0	B67109376_C67192977DIFF	NUMBER	[B67109376] C67192977

7.7.118HUA_RABABNORMHSUPA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109376] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQAHUPW2AHRHR0035XVPKR0	B67109376_C67192978DIFF	NUMBER	[B67109376] C67192978
YEARQAJUPW2AHRHR0035XVPKR0	B67109376_C67192979DIFF	NUMBER	[B67109376] C67192979
YEARQALUPW2AHRHR0035XVPKR0	B67109376_C67192980DIFF	NUMBER	[B67109376] C67192980

7.7.119HUA_RABDCHEDCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA	[B67109378] RNC_Id & "/" &

		R2(50)	Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQANUPW2AHRHR0035XVPKR0	B67109378_C67195503	NUMBER	[B67109378] C67195503
YEARQAPUPW2AHRHR0035XVPKR0	B67109378_C67195504	NUMBER	[B67109378] C67195504
YEARQARUPW2AHRHR0035XVPKR0	B67109378_C67195505	NUMBER	[B67109378] C67195505
YEARQATUPW2AHRHR0035XVPKR0	B67109378_C67195506	NUMBER	[B67109378] C67195506

7.7.120HUA_RACFAILCONGESTION_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPWHUPW2AHRHR0035XVPKR0	B67109391_C67192651	NUMBER	[B67109391] C67192651
YEARPWPUPW2AHRHR0035XVPKR0	B67109391_C67192939	NUMBER	[B67109391] C67192939
YEARPWRUPW2AHRHR0035XVPKR0	B67109391_C67192940	NUMBER	[B67109391] C67192940
YEARPWTUPW2AHRHR0035XVPKR0	B67109391_C67192918	NUMBER	[B67109391] C67192918
YEARPWVUPW2AHRHR0035XVPKR0	B67109391_C67192919	NUMBER	[B67109391] C67192919
YEARPWXUPW2AHRHR0035XVPKR0	B67109391_C67192920	NUMBER	[B67109391] C67192920

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YEARPX0UPW2AHRHR0035XVPKR0	B67109391_C67192921	NUMBER	[B67109391] C67192921
YEARPX2UPW2AHRHR0035XVPKR0	B67109391_C67192943	NUMBER	[B67109391] C67192943
YEARPX4UPW2AHRHR0035XVPKR0	B67109391_C67192944	NUMBER	[B67109391] C67192944
YEARPX6UPW2AHRHR0035XVPKR0	B67109391_C67192922	NUMBER	[B67109391] C67192922
YEARPXBUPW2AHRHR0035XVPKR0	B67109391_C67192923	NUMBER	[B67109391] C67192923
YEARPXDUPW2AHRHR0035XVPKR0	B67109391_C67192924	NUMBER	[B67109391] C67192924
YEARPXFUPW2AHRHR0035XVPKR0	B67109391_C67192945	NUMBER	[B67109391] C67192945
YEARPXHUPW2AHRHR0035XVPKR0	B67109391_C67192946	NUMBER	[B67109391] C67192946
YEARPXJUPW2AHRHR0035XVPKR0	B67109391_C67192925	NUMBER	[B67109391] C67192925
YEARPXLUPW2AHRHR0035XVPKR0	B67109391_C67192926	NUMBER	[B67109391] C67192926
YEARPXNUPW2AHRHR0035XVPKR0	B67109391_C67192927	NUMBER	[B67109391] C67192927
YEARPXPUPW2AHRHR0035XVPKR0	B67109391_C67192928DIFF	NUMBER	[B67109391] C67192928
YEARPXRUPW2AHRHR0035XVPKR0	B67109391_C67192929DIFF	NUMBER	[B67109391] C67192929
YEARPXTUPW2AHRHR0035XVPKR0	B67109391_C67192941	NUMBER	[B67109391] C67192941
YEARPXVUPW2AHRHR0035XVPKR0	B67109391_C67192942	NUMBER	[B67109391] C67192942
YEARPXXUPW2AHRHR0035XVPKR0	B67109391_C67192930	NUMBER	[B67109391] C67192930
YEARPY0UPW2AHRHR0035XVPKR0	B67109391_C67192931	NUMBER	[B67109391] C67192931
YEARPY2UPW2AHRHR0035	B67109391_C67192932	NUMBER	[B67109391] C67192932

XVPKR0			
YEARPY4UPW2AHRHR0035 XVPKR0	B67109391_C67192933	NUMBER	[B67109391] C67192933
YEARPY6UPW2AHRHR0035 XVPKR0	B67109391_C67192938	NUMBER	[B67109391] C67192938
YEARPYBUPW2AHRHR0035 XVPKR0	B67109391_C67192934	NUMBER	[B67109391] C67192934
YEARPYDUPW2AHRHR003 5XVPKR0	B67109391_C67192935	NUMBER	[B67109391] C67192935
YEARPYFUPW2AHRHR0035 XVPKR0	B67109391_C67192936	NUMBER	[B67109391] C67192936

7.7.121HUA_RACNEWCALLFAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[B67109391] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPWJUPW2AHRHR0035 XVPKR0	B67109391_C67192916 DIFF	NUMBER	[B67109391] C67192916
YEARPWLUPW2AHRHR003 5XVPKR0	B67109391_C67192917 DIFF	NUMBER	[B67109391] C67192917
YEARPWNUPW2AHRHR003 5XVPKR0	B67109391_C67192937 DIFF	NUMBER	[B67109391] C67192937

7.7.122HUA_THROUGHPUT_MBMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHA R2(50)	[B67109508] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
YEARQ0BUPW2AHRHR0035XVPKR0	B67109508_C67204482	FLOAT	[B67109508] C67204482
YEARQ0DUPW2AHRHR0035XVPKR0	B67109508_C67204483	FLOAT	[B67109508] C67204483

7.7.123HUA_UL_SPEECH_QUALITY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
CELL_ID		VARCHAR2(50)	[B67109392] RNC_Id & "/" & Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPYXUPW2AHRHR0035XVPKR0	B67109392_C67204479	FLOAT	[B67109392] C67204479
YEARQ00UPW2AHRHR0035XVPKR0	B67109392_C67204480	FLOAT	[B67109392] C67204480
YEARQ02UPW2AHRHR0035XVPKR0	B67109392_C67204481	FLOAT	[B67109392] C67204481

7.8 Raw E1T1_Link Tables

7.8.1 HUA_E1T1_LINK_QUALITY_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
E1T1_LINK_ID		VARCHAR2(50)	[B67109525] RNC_Id & "/" & Object_Id [B67109564] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYBVLUI2AIDKRB02OFAWJHK	VS_ATMLGCPRT_ALLOCED_MAX_FWD	FLOAT	[B67109525] C67196319 [B67109564] C67196319
XLSNYBXLUI2AIDKRB02OFAWJHK	VS_ATMLGCPRT_ALLOCED_MAX_BWD	FLOAT	[B67109525] C67196320 [B67109564] C67196320
XLSNYC0LUI2AIDKRB02O	VS_ATMLGCPRT_FW	NUMBER	[B67109525] C67196321

FAWJHK	D_CONG		[B67109564] C67196321
XLSNYC2LUI2AIDKRB02O FAWJHK	VS_ATMLGCPRT_FWD_CONG_DUR	NUMBER	[B67109525] C67196322 [B67109564] C67196322
XLSNYC4LUI2AIDKRB02O FAWJHK	VS_ATMLGCPRT_BWD_CONG	NUMBER	[B67109525] C67196323 [B67109564] C67196323
XLSNYC6LUI2AIDKRB02O FAWJHK	VS_ATMLGCPRT_BWD_CONG_DUR	NUMBER	[B67109525] C67196324 [B67109564] C67196324
XLSNYCBLUI2AIDKRB02O FAWJHK	VS_ATMLGCPRT_ALLOCED_AVE_BWD	FLOAT	[B67109525] C67204858 [B67109564] C67204858
XLSNYCDLUI2AIDKRB02O FAWJHK	VS_ATMLGCPRT_ALLOCED_AVE_FWD	FLOAT	[B67109525] C67204859 [B67109564] C67204859
YEARQ5PUPW2AHRHR0035XVPKR0	B67109525_C67204010	FLOAT	[B67109525] C67204010
YEARQ5RUPW2AHRHR0035XVPKR0	B67109525_C67204011	FLOAT	[B67109525] C67204011
YEARQ5TUPW2AHRHR0035XVPKR0	B67109525_C67204012	FLOAT	[B67109525] C67204012
YEARQ5VUPW2AHRHR0035XVPKR0	B67109525_C67204013	FLOAT	[B67109525] C67204013

7.8.2 HUA_ELECT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
E1T1_LINK_ID		VARCHAR2(50)	[B67109487] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNDJURP2AHRHR0035XVPKR0	B67109487_C67194334	NUMBER	[B67109487] C67194334
SUIHNDLURP2AHRHR0035XVPKR0	B67109487_C67204488	FLOAT	[B67109487] C67204488

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SUIHNDNURP2AHRHR0035XVPKR0	B67109487_C67194335	NUMBER	[B67109487] C67194335
SUIHNDPURP2AHRHR0035XVPKR0	B67109487_C67204489	FLOAT	[B67109487] C67204489
SUIHNDRURP2AHRHR0035XVPKR0	B67109487_C67194336	NUMBER	[B67109487] C67194336
SUIHNDTURP2AHRHR0035XVPKR0	B67109487_C67204490	FLOAT	[B67109487] C67204490
SUIHNDVURP2AHRHR0035XVPKR0	B67109487_C67194337	NUMBER	[B67109487] C67194337
SUIHNDXURP2AHRHR0035XVPKR0	B67109487_C67204491	FLOAT	[B67109487] C67204491
SUIHNE0URP2AHRHR0035XVPKR0	B67109487_C67194338	NUMBER	[B67109487] C67194338
SUIHNE2URP2AHRHR0035XVPKR0	B67109487_C67194339	NUMBER	[B67109487] C67194339
SUIHNE4URP2AHRHR0035XVPKR0	B67109487_C67194340	NUMBER	[B67109487] C67194340
SUIHNE6URP2AHRHR0035XVPKR0	B67109487_C67194341	NUMBER	[B67109487] C67194341
SUIHNEBURP2AHRHR0035XVPKR0	B67109487_C67194342	NUMBER	[B67109487] C67194342
SUIHNEDURP2AHRHR0035XVPKR0	B67109487_C67194343	NUMBER	[B67109487] C67194343
SUIHNEFURP2AHRHR0035XVPKR0	B67109487_C67194344	NUMBER	[B67109487] C67194344
SUIHNEHURP2AHRHR0035XVPKR0	B67109487_C67194347	NUMBER	[B67109487] C67194347

7.9 Raw ETH Tables

7.9.1 HUA_ETH_ETH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ETH_ID		VARCHA	[B67109514] RNC_Id &

		R2(100)	"/" & ETH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGXDIYY2AHDHA0035XKCUC6	VS_IP_MEANTHROUGHPUTKBPSRX_ETH	FLOAT	[B67109514] C67203910
UB2WGXFIYY2AHDHA0035XKCUC6	VS_IP_MEANTHROUGHPUTKBPSTX_ETH	FLOAT	[B67109514] C67203911
UB2WGXJIYY2AHDHA0035XKCUC6	VS_IP_PKTERRORRX_ETH_PORT	NUMBER	[B67109514] C67192409
UB2WGXRIYY2AHDHA0035XKCUC6	VS_IP_PKTUNEXPECTEDRX_ETH	NUMBER	[B67109514] C67192410
UB2WGXTIYY2AHDHA0035XKCUC6	VS_IP_RX_BYTES_ETH	NUMBER	[B67109514] C67192407
UB2WGXVIYY2AHDHA0035XKCUC6	VS_IP_TX_BYTES_ETH	NUMBER	[B67109514] C67192408
UB2WH56IYY2AHDHA0035XKCUC6	VS_MAC_PKTERRORRX_ETH	NUMBER	[B67109514] C67192432
UB2WH5BIYY2AHDHA0035XKCUC6	VS_MAC_PKTERRORTX_ETH	NUMBER	[B67109514] C67192433

7.9.2 HUA_FEGE_QUEUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ETH_ID		VARCHAR2(100)	[B67109544] RNC_Id & "/" & ETH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNF6URP2AHRHR0035XVPKR0	B67109544_C67195072	NUMBER	[B67109544] C67195072
SUIHNFBURP2AHRHR0035XVPKR0	B67109544_C67195073	NUMBER	[B67109544] C67195073

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SUIHNFDURP2AHRHR003 5XVPKR0	B67109544_C67195074	NUMBER	[B67109544] C67195074
SUIHNFFURP2AHRHR0035 XVPKR0	B67109544_C67195075	NUMBER	[B67109544] C67195075
SUIHNFHURP2AHRHR003 5XVPKR0	B67109544_C67204534	FLOAT	[B67109544] C67204534
SUIHNFJURP2AHRHR0035 XVPKR0	B67109544_C67204536	FLOAT	[B67109544] C67204536

7.9.3 HUA_FEGE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
ETH_ID		VARCHA R2(100)	[B67109488] RNC_Id & "/" & ETH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YR2MERNSEH2AHRHQJ03 5XVPKR0	VS_FEGE_RXMEANS PEED	FLOAT	[B67109488] C67194371
YR2MERPSEH2AHRHQJ035 XVPKR0	VS_FEGE_TXMEANS PEED	FLOAT	[B67109488] C67194374
YR2MERRSEH2AHRHQJ03 5XVPKR0	VS_FEGE_RXBYTES	NUMBER	[B67109488] C67204393
YR2MERTSEH2AHRHQJ03 5XVPKR0	VS_FEGE_TXBYTES	NUMBER	[B67109488] C67204394
YR2MERVSEH2AHRHQJ03 5XVPKR0	VS_FEGE_RXERRORP KTS	NUMBER	[B67109488] C67194364
SUIHNEJURP2AHRHR0035 XVPKR0	B67109488_C67204395	NUMBER	[B67109488] C67204395
SUIHNELURP2AHRHR0035 XVPKR0	B67109488_C67204396	NUMBER	[B67109488] C67204396
SUIHNENURP2AHRHR0035 XVPKR0	B67109488_C67194363	NUMBER	[B67109488] C67194363
SUIHNEPURP2AHRHR0035 XVPKR0	B67109488_C67194365	NUMBER	[B67109488] C67194365
SUIHNERURP2AHRHR0035	B67109488_C67194366	NUMBER	[B67109488] C67194366

XVPKR0			
SUIHNETURP2AHRHR0035 XVPKR0	B67109488_C67194367	NUMBER	[B67109488] C67194367
SUIHNEVURP2AHRHR0035 XVPKR0	B67109488_C67194368	NUMBER	[B67109488] C67194368
SUIHNEXURP2AHRHR0035 XVPKR0	B67109488_C67194369	FLOAT	[B67109488] C67194369
SUIHNF0URP2AHRHR0035 XVPKR0	B67109488_C67194370	FLOAT	[B67109488] C67194370
SUIHNF2URP2AHRHR0035 XVPKR0	B67109488_C67194372	FLOAT	[B67109488] C67194372
SUIHNF4URP2AHRHR0035 XVPKR0	B67109488_C67194373	FLOAT	[B67109488] C67194373

7.10 Raw FIBER_Link Tables

7.10.1 HUA_FIBERTE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FIBER_LINK_ID		VARCHAR2(50)	[B67109489] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNFLURP2AHRHR0035 XVPKR0	B67109489_C67204397	FLOAT	[B67109489] C67204397
SUIHNFNURP2AHRHR0035 XVPKR0	B67109489_C67204398	FLOAT	[B67109489] C67204398
SUIHNFPURP2AHRHR0035 XVPKR0	B67109489_C67194380	NUMBER	[B67109489] C67194380
SUIHNFRURP2AHRHR0035 XVPKR0	B67109489_C67194381	NUMBER	[B67109489] C67194381
SUIHNFTURP2AHRHR0035	B67109489_C6719438	NUMBER	[B67109489] C67194382

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XVPKR0	2		
SUIHNFVURP2AHRHR0035XVPKR0	B67109489_C67194383	NUMBER	[B67109489] C67194383
SUIHNFXURP2AHRHR0035XVPKR0	B67109489_C67194384	NUMBER	[B67109489] C67194384
SUIHNG0URP2AHRHR0035XVPKR0	B67109489_C67194385	NUMBER	[B67109489] C67194385
SUIHNG2URP2AHRHR0035XVPKR0	B67109489_C67194386	NUMBER	[B67109489] C67194386
SUIHNG4URP2AHRHR0035XVPKR0	B67109489_C67204399	NUMBER	[B67109489] C67204399
SUIHNG6URP2AHRHR0035XVPKR0	B67109489_C67204400	NUMBER	[B67109489] C67204400
SUIHNGBURP2AHRHR0035XVPKR0	B67109489_C67194391	NUMBER	[B67109489] C67194391
SUIHNGDURP2AHRHR0035XVPKR0	B67109489_C67194392	NUMBER	[B67109489] C67194392
SUIHNGFURP2AHRHR0035XVPKR0	B67109489_C67194393	NUMBER	[B67109489] C67194393
SUIHNGHURP2AHRHR0035XVPKR0	B67109489_C67194394	FLOAT	[B67109489] C67194394
SUIHNGJURP2AHRHR0035XVPKR0	B67109489_C67194395	FLOAT	[B67109489] C67194395
SUIHNGLURP2AHRHR0035XVPKR0	B67109489_C67194396	FLOAT	[B67109489] C67194396
SUIHNGNURP2AHRHR0035XVPKR0	B67109489_C67194397	FLOAT	[B67109489] C67194397
SUIHNGPURP2AHRHR0035XVPKR0	B67109489_C67194398	FLOAT	[B67109489] C67194398
SUIHNGRURP2AHRHR0035XVPKR0	B67109489_C67194399	FLOAT	[B67109489] C67194399

7.10.2 HUA_SDH_SWITCH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

FIBER_LINK_ID		VARCHAR2(50)	[B67109496] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNJDURP2AHRHR0035XVPKR0	B67109496_C67194469	NUMBER	[B67109496] C67194469
SUIHNJFURP2AHRHR0035XVPKR0	B67109496_C67194470	NUMBER	[B67109496] C67194470
SUIHNJHURP2AHRHR0035XVPKR0	B67109496_C67194471	NUMBER	[B67109496] C67194471
SUIHNJJURP2AHRHR0035XVPKR0	B67109496_C67194472	NUMBER	[B67109496] C67194472
SUIHNJLURP2AHRHR0035XVPKR0	B67109496_C67194473	NUMBER	[B67109496] C67194473

7.10.3 HUA_UOI_V900_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FIBER_LINK_ID		VARCHAR2(50)	[B67109549_V900] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XIS6ANX5DA2AISPCR035Y0HF3V	VS_UOI_RXMAXSPEED	FLOAT	[B67109549_V900] C67204851
XIS6AO05DA2AISPCR035Y0HF3V	VS_UOI_TXMAXSPEED	FLOAT	[B67109549_V900] C67204852

7.11 Raw FlowControl Tables

7.11.1 HUA_FLOW_CONTROL_QUEUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

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FLOWCONTROL_ID		VARCHAR2(50)	[B67109522] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ4BUPW2AHRHR0035XVPKR0	B67109522_C67192550	NUMBER	[B67109522] C67192550

7.12 Raw FRAATM Tables

7.12.1 HUA_FRAATM_FRAATM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FRAATM_ID		VARCHAR2(50)	[B67109398] FRAATM_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGSVIYY2AHDHA0035XKCUC6	VS_FRAATM_PEAK_RXCELLS	FLOAT	[B67109398] C67190737
UB2WGSXIYY2AHDHA0035XKCUC6	VS_FRAATM_PEAK_TXCELLS	FLOAT	[B67109398] C67190738
TGNKUQXSEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_RXCELLS	NUMBER	[B67109398] C67193991
TGNKUR0SEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_TXCELLS	NUMBER	[B67109398] C67193989
TGNKUR2SEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_PEAK_TXRATE	FLOAT	[B67109398] C67204453
TGNKUR4SEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_PEAK_RXRATE	FLOAT	[B67109398] C67204454
TGNKUR6SEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_RXMEANSPEED	FLOAT	[B67109398] C67194000
TGNKURBSEN2AHRHQJ035XVPKR0	VS_FRACATMLNK_TXMEANSPEED	FLOAT	[B67109398] C67193997
SUIHN5PURP2AHRHR0035XVPKR0	B67109398_C67193993	NUMBER	[B67109398] C67193993
SUIHN5RURP2AHRHR0035X	B67109398_C67193994	NUMBER	[B67109398] C67193994

VPKR0			
SUIHN5TURP2AHRHR0035X VPKR0	B67109398_C67193995	FLOAT	[B67109398] C67193995
SUIHN5VURP2AHRHR0035X VPKR0	B67109398_C67193996	FLOAT	[B67109398] C67193996
SUIHN5XURP2AHRHR0035X VPKR0	B67109398_C67193998	FLOAT	[B67109398] C67193998
SUIHN60URP2AHRHR0035X VPKR0	B67109398_C67193999	FLOAT	[B67109398] C67193999
SON0HGI2I32AHSR1B02OFF B2F6	B67109398_C67193990	NUMBER	[B67109398] C67193990
SON0HGK2I32AHSR1B02OF FB2F6	B67109398_C67193992	NUMBER	[B67109398] C67193992
XLSNXRHLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_A LLOCED_MAX_FWD	NUMBER	[B67109398] C67195938
XLSNXRJLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_A LLOCED_MAX_BWD	NUMBER	[B67109398] C67195939
XLSNXRLLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_F WD_CONG	NUMBER	[B67109398] C67195940
XLSNXRNLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_F WD_CONG_DUR	NUMBER	[B67109398] C67195941
XLSNXRPLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_B WD_CONG	NUMBER	[B67109398] C67195942
XLSNXRRLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_B WD_CONG_DUR	NUMBER	[B67109398] C67195943
XLSNXRTLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_A LLOCED_AVE_FWD	NUMBER	[B67109398] C67204779
XLSNXRVLUI2AIDKRB02OF AWJHK	VS_FRACATMLNK_A LLOCED_AVE_BWD	NUMBER	[B67109398] C67204780
YTHR0IMO2ECC6URIJM1KD FYCJ2	VS_FRAATM_RXCEL LS	NUMBER	[B67109398] C67190488
XC6PMJKF2OBNVSCX12V4	VS_FRAATM_TXCEL	NUMBER	[B67109398] C67190489

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V4NSRQ	LS		
UHW54NTBHSBGVSJ5D5YBJKVGPE	VS_FRAATM_PEAK_TXRATE	FLOAT	[B67109398] C67202975
YHWYYQR5PYBM1TOPC34SNDBEUK	VS_FRAATM_PEAK_RXRATE	FLOAT	[B67109398] C67202974
YWA2PCI033BSODLV4NX5QAVYH1	VS_FRAATMUNI_LNK_MEANKBPS_RX	FLOAT	[B67109398] C67202913
XS34MXA26ABT0DYOLAGTT6LU4V	VS_FRAATMUNI_LNK_MEANKBPS_TX	FLOAT	[B67109398] C67202914

7.13 Raw FRAIMALNK Tables

7.13.1 HUA_FRAIMALNK_FRAIMALNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FRAIMALNK_ID		VARCHAR2(50)	[B67109399] FRAIMALNK_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGT0IYY2AHDHA0035XKCUC6	VS_FRAIMALNK_PEAK_RXCELLS	FLOAT	[B67109399] C67190735
UB2WGT2IYY2AHDHA0035XKCUC6	VS_FRAIMALNK_PEAK_TXCELLS	FLOAT	[B67109399] C67190736
TGNKURDSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_RXUSERCELLS	NUMBER	[B67109399] C67194005
TGNKURFSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_RXMEANSPEED	FLOAT	[B67109399] C67194015
TGNKURHSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_TXMEANSPEED	FLOAT	[B67109399] C67194012
TGNKURJSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_PEAK_TXRATE	FLOAT	[B67109399] C67204455
TGNKURLSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_TXUSERCELLS	NUMBER	[B67109399] C67194002
TGNKURNSEN2AHRHQJ035XVPKR0	VS_FRACIMALNK_PEAK_RXRATE	FLOAT	[B67109399] C67204456

SUIHN62URP2AHRHR0035XVPKR0	B67109399_C67194003	NUMBER	[B67109399] C67194003
SUIHN64URP2AHRHR0035XVPKR0	B67109399_C67194006	NUMBER	[B67109399] C67194006
SUIHN66URP2AHRHR0035XVPKR0	B67109399_C67194008	FLOAT	[B67109399] C67194008
SUIHN6BURP2AHRHR0035XVPKR0	B67109399_C67194009	NUMBER	[B67109399] C67194009
SUIHN6DURP2AHRHR0035XVPKR0	B67109399_C67194010	FLOAT	[B67109399] C67194010
SUIHN6FURP2AHRHR0035XVPKR0	B67109399_C67194011	FLOAT	[B67109399] C67194011
SUIHN6HURP2AHRHR0035XVPKR0	B67109399_C67194013	FLOAT	[B67109399] C67194013
SUIHN6JURP2AHRHR0035XVPKR0	B67109399_C67194014	FLOAT	[B67109399] C67194014
SON0HGM2I32AHSR1B02OFFB2F6	B67109399_C67194004	NUMBER	[B67109399] C67194004
SON0HGO2I32AHSR1B02OFFB2F6	B67109399_C67194007	NUMBER	[B67109399] C67194007
WBP54JCIUJB53SLSSJPB4E5VGJ	VS_FRAIMALNK_RXCELLS	NUMBER	[B67109399] C67190486
WA1NEHWCOJCDKBLGMR51TJYYDE	VS_FRAATMIMA_LNK_MEANKBPS_RX	FLOAT	[B67109399] C67202911
R5EM4EIQETBW2TVYWE00QF5FG6	VS_FRAATMIMA_LNK_MEANKBPS_TX	FLOAT	[B67109399] C67202912
V66XVW342RCDGEKD66JR5W6LXM	VS_FRAIMALNK_PEAK_TXRATE	NUMBER	[B67109399] C67202973
WMQ41RHUGDBIOE2IKWX2UQ0RNP	VS_FRAIMALNK_TXCELLS	NUMBER	[B67109399] C67190487
WDJAB1KR6YB0ISBSNVS5AQ0GOP	VS_FRAIMALNK_PEAK_RXRATE	NUMBER	[B67109399] C67203410

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7.14 Raw FRAME Tables

7.14.1 HUA_FRAME_FLUX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
FRAME_ID		VARCHAR2(50)	[B67109520] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNNTURP2AHRHR0035XVPKR0	B67109520_C67204492	NUMBER	[B67109520] C67204492
SUIHNNVURP2AHRHR0035XVPKR0	B67109520_C67204493	NUMBER	[B67109520] C67204493
SUIHNNXURP2AHRHR0035XVPKR0	B67109520_C67204494	FLOAT	[B67109520] C67204494
SUIHNO0URP2AHRHR0035XVPKR0	B67109520_C67204495	FLOAT	[B67109520] C67204495
SUIHNO2URP2AHRHR0035XVPKR0	B67109520_C67204496	FLOAT	[B67109520] C67204496
SUIHNO4URP2AHRHR0035XVPKR0	B67109520_C67204497	FLOAT	[B67109520] C67204497

7.15 Raw GPRS_Tunnel Tables

7.15.1 HUA_GPRS_TUNNEL_GTP_U_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
GTP_ID		VARCHAR2(50)	[B67109400] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
W0K4GCD35EBU2CQFJOY2BHLCUO	VS_GTPU_BYTESPAYLDBKG_RX	NUMBER	[B67109400] C67199482
V5LPENA4XLBOQD20J6DM	VS_GTPU_BYTESPAY	NUMBER	[B67109400] C67199486

CYD2LW	LDBKG_TX		
SUULAMYPCACDTDKGPYF2J1T46E	VS_GTPU_BYTESPAYLDCONV_RX	NUMBER	[B67109400] C67199483
SYORA5LO5IBTIDB2OGAY60SL3E	VS_GTPU_BYTESPAYLDCONV_TX	NUMBER	[B67109400] C67199479
TWFPISBWIJBXODTY0DQ2WP1EHT	VS_GTPU_BYTESPAYLDINT_RX	NUMBER	[B67109400] C67199485
YK63XKPVPNBHVBDC4LQIIKGAG3	VS_GTPU_BYTESPAYLDINT_TX	NUMBER	[B67109400] C67199481
Y630SKRV5VCLQETKY55BEYPRS3	VS_GTPU_BYTESPAYLDSTR_RX	NUMBER	[B67109400] C67199484
SRKY6260RPBKCS6RMYWIYA3R1W	VS_GTPU_BYTESPAYLDSTRTX	NUMBER	[B67109400] C67199480
VN4INXSPCDBDIBM3Y11SBHDBX5	VS_GTPU_BYTESPKT_RX	NUMBER	[B67109400] C67199478
TQBD0XGG0CBM0CGJA6652PLXCP	VS_GTPU_BYTESPKT_TX	NUMBER	[B67109400] C67199477
U5FUU5YRLQBRIR4XDSCOGBDGPE	VS_GTPU_DUPIE	NUMBER	[B67109400] C67178506
UPE2GI6KGLCTSBISPRF4UG1EJ0	VS_GTPU_ERROPTIE	NUMBER	[B67109400] C67178507
US4QAIWVVECD0D62HMOVLEI515	VS_GTPU_INVIESEQ	NUMBER	[B67109400] C67178504
W5XH6X5D20CGTRC26FPBXOVRVX	VS_GTPU_INVLEN	NUMBER	[B67109400] C67178500
U3O4XNT2EJCMJRJ42S5EVXK0UN	VS_GTPU_INVMANIE	NUMBER	[B67109400] C67178501
TPKRDRF5K6BAFCPEGLAVFHTTG1	VS_GTPU_INVOPTIE	NUMBER	[B67109400] C67178502
RMQ0A3IDP0B0FU5X5U3DWIG6YK	VS_GTPU_MISSMANIE	NUMBER	[B67109400] C67178499
VJJNRLMOFCCXST0GHVGL	VS_GTPU_MSGUNKN	NUMBER	[B67109400] C67178498

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6OWQPY	OWN		
R51G2RBQIDCXIEXNOYWJN0LRDT	VS_GTPU_PKT_RX	NUMBER	[B67109400] C67178512
RBSQFTED42BPCESVDC55DSNF25	VS_GTPU_PKT_TX	NUMBER	[B67109400] C67178509
SMHK3G1NSRC4IBUFQQUIX02OBP	VS_GTPU_PKTLOSSBUFFOVERLD_RX	NUMBER	[B67109400] C67178516
UMUP4CMGAQCT0B33C1PCTI34KH	VS_GTPU_PKTLOSSBUFFOVERLD_TX	NUMBER	[B67109400] C67178515
RWE5HYWIBNCKERAEVIE22XW2MW	VS_GTPU_RXERRIND	NUMBER	[B67109400] C67178508
WRYIAY4OD4C2TCABG2B464KYTX	VS_GTPU_UNEXPTIE	NUMBER	[B67109400] C67178505
VS0P56203VCY1CE5RIQIWEH5IT	VS_GTPU_UNKNOWNIE	NUMBER	[B67109400] C67178503
YAEFJ2U211BFFS6GMFEJI3DQ1Q	VS_GTPU_VERUNSUPP	NUMBER	[B67109400] C67178497
UB2WGT4IYY2AHDHA0035XKCUC6	VS_GTPU_BYTESMBMS_RX	NUMBER	[B67109400] C67192326

7.15.2 HUA_GPRS_TUNNEL_GTPU_PK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
GTP_ID		VARCHAR2(50)	[B67109400] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXRXLUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMCONV_TX	NUMBER	[B67109400] C67204158
XLSNXS0LUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMCONV_RX	NUMBER	[B67109400] C67204159
XLSNXS2LUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMSTR_TX	NUMBER	[B67109400] C67204160
XLSNXS4LUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMSTR_RX	NUMBER	[B67109400] C67204161

XLSNXS6LUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMINT_TX	NUMBER	[B67109400] C67204162
XLSNXSBLUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMINT_RX	NUMBER	[B67109400] C67204163
XLSNXSDLUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMBKG_TX	NUMBER	[B67109400] C67204164
XLSNXSFLUI2AIDKRB02OFAWJHK	VS_GTPU_PKTNUMBKG_RX	NUMBER	[B67109400] C67204165

7.16 Raw IMA_Group Tables

7.16.1 HUA_IMAGROUP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_GROUP_ID		VARCHAR2(50)	[B67109402] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXSHLUI2AIDKRB02OFAWJHK	VS_IMAGRP_ALLOCED_MAX_FWD	NUMBER	[B67109402] C67193215
XLSNXSJLUI2AIDKRB02OFAWJHK	VS_IMAGRP_ALLOCED_MAX_BWD	NUMBER	[B67109402] C67193216
XLSNXSLLUI2AIDKRB02OFAWJHK	VS_IMAGRP_FWD_CONG	NUMBER	[B67109402] C67193217
XLSNXSNLUI2AIDKRB02OFAWJHK	VS_IMAGRP_FWD_CONG_DUR	NUMBER	[B67109402] C67193218
XLSNXSPLUI2AIDKRB02OFAWJHK	VS_IMAGRP_BWD_CONG	NUMBER	[B67109402] C67193219
XLSNXSRLUI2AIDKRB02OFAWJHK	VS_IMAGRP_BWD_CONG_DUR	NUMBER	[B67109402] C67193220
XLSNXSTLUI2AIDKRB02OFAWJHK	VS_IMAGRP_ALLOCED_AVE_FWD	NUMBER	[B67109402] C67204192

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XLSNXSVLUI2AIDKRB02OFAWJHK	VS_IMAGRP_ALLOCED_AVE_BWD	NUMBER	[B67109402] C67204193
YKAYW3XUPW2AHRHR0035XVPKR0	B67109402_C67202907	NUMBER	[B67109402] C67202907
YKAYW40UPW2AHRHR0035XVPKR0	B67109402_C67202908	NUMBER	[B67109402] C67202908
YKAYW42UPW2AHRHR0035XVPKR0	B67109402_C67190731	NUMBER	[B67109402] C67190731
YKAYW44UPW2AHRHR0035XVPKR0	B67109402_C67190732	NUMBER	[B67109402] C67190732
YKAYW46UPW2AHRHR0035XVPKR0	B67109402_C67190482	NUMBER	[B67109402] C67190482
YKAYW4BUPW2AHRHR0035XVPKR0	B67109402_C67190483	NUMBER	[B67109402] C67190483
YKAYW4FUPW2AHRHR0035XVPKR0	B67109402_C67203411	NUMBER	[B67109402] C67203411
YKAYW4HUPW2AHRHR0035XVPKR0	B67109402_C67203412	NUMBER	[B67109402] C67203412

7.16.2 HUA_IMAGROUPTRAFFOTHER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_GROUP_ID		VARCHAR2(50)	[B67109402] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN6LURP2AHRHR0035XVPKR0	B67109402_C67194017	NUMBER	[B67109402] C67194017
SUIHN6NURP2AHRHR0035XVPKR0	B67109402_C67194018	NUMBER	[B67109402] C67194018
SUIHN6PURP2AHRHR0035XVPKR0	B67109402_C67204457	FLOAT	[B67109402] C67204457
SUIHN6RURP2AHRHR0035XVPKR0	B67109402_C67194020	FLOAT	[B67109402] C67194020
SUIHN6TURP2AHRHR0035	B67109402_C67194021	NUMBER	[B67109402] C67194021

XVPKR0			
SUIHN6VURP2AHRHR0035XVPKR0	B67109402_C67194022	NUMBER	[B67109402] C67194022
SUIHN6XURP2AHRHR0035XVPKR0	B67109402_C67204458	FLOAT	[B67109402] C67204458
SUIHNA0URP2AHRHR0035XVPKR0	B67109402_C67194024	FLOAT	[B67109402] C67194024
SUIHNA2URP2AHRHR0035XVPKR0	B67109402_C67194025	FLOAT	[B67109402] C67194025
SUIHNA4URP2AHRHR0035XVPKR0	B67109402_C67194026	NUMBER	[B67109402] C67194026
SUIHNA6URP2AHRHR0035XVPKR0	B67109402_C67194027	NUMBER	[B67109402] C67194027
SUIHNABURP2AHRHR0035XVPKR0	B67109402_C67194028	NUMBER	[B67109402] C67194028
SON0HGQ2I32AHSR1B02OFFB2F6	B67109402_C67194019	NUMBER	[B67109402] C67194019
SON0HGS2I32AHSR1B02OFFB2F6	B67109402_C67194023	NUMBER	[B67109402] C67194023

7.17 Raw IMA_Link Tables

7.17.1 HUA_IMALINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_LINK_ID		VARCHAR2(50)	[B67109403] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYW26UPW2AHRHR0035XVPKR0	B67109403_C67190484	NUMBER	[B67109403] C67190484
YKAYW2BUPW2AHRHR003	B67109403_C6719048	NUMBER	[B67109403] C67190485

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5XVPKR0	5		
YKAYW2DUPW2AHRHR0035XVPKR0	B67109403_C67203408	FLOAT	[B67109403] C67203408
YKAYW2FUPW2AHRHR0035XVPKR0	B67109403_C67203409	FLOAT	[B67109403] C67203409
YKAYW2HUPW2AHRHR0035XVPKR0	B67109403_C67202909	FLOAT	[B67109403] C67202909
YKAYW2JUPW2AHRHR0035XVPKR0	B67109403_C67202910	FLOAT	[B67109403] C67202910
YKAYW3RUPW2AHRHR0035XVPKR0	B67109403_C67190733	NUMBER	[B67109403] C67190733
YKAYW3TUPW2AHRHR0035XVPKR0	B67109403_C67190734	NUMBER	[B67109403] C67190734

7.17.2 HUA_IMALINKTRAFFOTHER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IMA_LINK_ID		VARCHAR2(50)	[B67109403] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNAFURP2AHRHR0035XVPKR0	B67109403_C67194029	NUMBER	[B67109403] C67194029
SUIHNAHURP2AHRHR0035XVPKR0	B67109403_C67194030	NUMBER	[B67109403] C67194030
SUIHNAJURP2AHRHR0035XVPKR0	B67109403_C67194032	NUMBER	[B67109403] C67194032
SUIHNALURP2AHRHR0035XVPKR0	B67109403_C67194033	NUMBER	[B67109403] C67194033
SUIHNANURP2AHRHR0035XVPKR0	B67109403_C67194034	FLOAT	[B67109403] C67194034
SUIHNAPURP2AHRHR0035XVPKR0	B67109403_C67194036	FLOAT	[B67109403] C67194036
SUIHNARURP2AHRHR0035XVPKR0	B67109403_C67194037	NUMBER	[B67109403] C67194037

SUIHNATURP2AHRHR0035XVPKR0	B67109403_C67194038	NUMBER	[B67109403] C67194038
SUIHNAVURP2AHRHR0035XVPKR0	B67109403_C67194039	NUMBER	[B67109403] C67194039
SUIHNAXURP2AHRHR0035XVPKR0	B67109403_C67194040	NUMBER	[B67109403] C67194040
SUIHNB0URP2AHRHR0035XVPKR0	B67109403_C67194041	FLOAT	[B67109403] C67194041
SUIHNB2URP2AHRHR0035XVPKR0	B67109403_C67194042	NUMBER	[B67109403] C67194042
SUIHNB4URP2AHRHR0035XVPKR0	B67109403_C67194043	NUMBER	[B67109403] C67194043
SUIHNB6URP2AHRHR0035XVPKR0	B67109403_C67194044	NUMBER	[B67109403] C67194044

7.18 Raw IPNODECONN Tables

7.18.1 HUA_IPCONN_NETTRANS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPNODECONN_ID		VARCHAR2(50)	[B67109481] RNC_Id & "/" & IPNODECONN_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN1VURP2AHRHR0035XVPKR0	B67109481_C67194793	NUMBER	[B67109481] C67194793
SUIHN1XURP2AHRHR0035XVPKR0	B67109481_C67194794	NUMBER	[B67109481] C67194794
SUIHN20URP2AHRHR0035XVPKR0	B67109481_C67194795	NUMBER	[B67109481] C67194795
SUIHN22URP2AHRHR0035XVPKR0	B67109481_C67194796	NUMBER	[B67109481] C67194796

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SUIHN24URP2AHRHR0035XVPKR0	B67109481_C67194797	NUMBER	[B67109481] C67194797
SUIHN26URP2AHRHR0035XVPKR0	B67109481_C67204477	NUMBER	[B67109481] C67204477

7.18.2 HUA_IPNODECONN_IPNODCON_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPNODECONN_ID		VARCHAR2(50)	[B67109475] RNC_Id & "/" & IPNODECONN_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SHJAUCVTVOBMAU2D4A2R63FBU4	VS_IP_NODE_CONN_MODIFY_SUCC	NUMBER	[B67109475] C67191677
STUDDSU0OKB26EKRQESWC3DQQ5	VS_IP_NODE_CONN_REL	NUMBER	[B67109475] C67191678
RSYDAGD42HBY2UN35NQYH2TPTC	VS_IP_NODE_CONN_MODIFY_ATT	NUMBER	[B67109475] C67191676
W4G23UX5RBBDYR5RGXNRCNUMTI	VS_IP_NODE_CONN_ESTAB_ATT	NUMBER	[B67109475] C67191674
VAXPXMYPDTCKQSW3ASWSXB10BC	VS_IP_NODE_CONN_ESTAB_SUCC	NUMBER	[B67109475] C67191675
YELLFXSMKJCKLE06PT1D3YT3T6	VS_IP_NODE_ACT_CON	NUMBER	[B67109475] C67203423

7.19 Raw IPNODETRM Tables

7.19.1 HUA_IPNODE_ALLOCATIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPNODETRM_ID		VARCHAR2(50)	[B67109500] RNC_Id & "/" & IPNODETRM_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYB2LUI2AIDKRB02O	ANI_IP_FAILRESALLOC	NUMBER	[B67109500] C67196162

FAWJHK	FORBWLIMIT		
SUIHN1NURP2AHRHR0035XVPKR0	B67109500_C67194787	NUMBER	[B67109500] C67194787
SUIHN1PURP2AHRHR0035XVPKR0	B67109500_C67194788	NUMBER	[B67109500] C67194788
SUIHN1RURP2AHRHR0035XVPKR0	B67109500_C67204475	FLOAT	[B67109500] C67204475
SUIHN1TURP2AHRHR0035XVPKR0	B67109500_C67204476	FLOAT	[B67109500] C67204476

7.19.2 HUA_IPNODETRM_IPNODETRM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPNODETRM_ID		VARCHAR2(50)	[B67109476] RNC_Id & "/" & IPNODETRM_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY6TLUI2AIDKRB02OFAWJHK	VS_IP_FAILRESALLOC FORBWLIMIT	NUMBER	[B67109476] C67193435
RVMTEDFOEMBHMSIDFLX6KJNSC4	VS_IP_ATTRESALLOC	NUMBER	[B67109476] C67191681
XYMH24G6V2CRTCELSBKKY6YO56	VS_IP_SUCCRESALLOC	NUMBER	[B67109476] C67191682

7.20 Raw IPOA Tables

7.20.1 HUA_IPOA_IPOA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPOA_ID		VARCHAR2(100)	[B67109457] RNC_Id & "/" & IPOA_Id

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TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGMPIYY2AHDHA0035XKCUC6	VS_AAL_5_IPOA_PEAK_BYTESRX	FLOAT	[B67109457] C67190741
UB2WGMRIYY2AHDHA0035XKCUC6	VS_AAL_5_IPOA_PEAK_BYTESTX	FLOAT	[B67109457] C67190742
TGNKURPSEN2AHRHQJ035XVPKR0	VS_IPOALNK_PEAK_RXRATE	FLOAT	[B67109457] C67204471
TGNKURRSEN2AHRHQJ035XVPKR0	VS_IPOALNK_PEAK_TXRATE	FLOAT	[B67109457] C67204472
TGNKURTSEN2AHRHQJ035XVPKR0	VS_IPOALNK_TXBYTES	NUMBER	[B67109457] C67194077
TGNKURVSEN2AHRHQJ035XVPKR0	VS_IPOALNK_RXBYTES	NUMBER	[B67109457] C67194074
SUIHNBNURP2AHRHR0035XVPKR0	B67109457_C67194073	NUMBER	[B67109457] C67194073
SUIHNBPURP2AHRHR0035XVPKR0	B67109457_C67194076	NUMBER	[B67109457] C67194076
SUIHNBRURP2AHRHR0035XVPKR0	B67109457_C67194079	NUMBER	[B67109457] C67194079
SUIHNBTURP2AHRHR0035XVPKR0	B67109457_C67194080	NUMBER	[B67109457] C67194080
SUIHNBVURP2AHRHR0035XVPKR0	B67109457_C67194081	NUMBER	[B67109457] C67194081
SON0HGU2I32AHSR1B02OFFB2F6	B67109457_C67194075	NUMBER	[B67109457] C67194075
SON0HGW2I32AHSR1B02OFFB2F6	B67109457_C67194078	NUMBER	[B67109457] C67194078
YW4MVJGHB2B6FTQCGW4PVCGUIU	VS_AAL_5_IPOA_PEAK_RXRATE	NUMBER	[B67109457] C67202978
WRYURUB55DBGWBL1DVPD43GJ63	VS_AAL_5_IPOA_PEAK_TXRATE	NUMBER	[B67109457] C67202979
X45OP6HDFNBTKBYRMQ3YNYPP5Y	VS_AAL_5_IPOA_BYTESTX	NUMBER	[B67109457] C67190493
XMMUME2LRQC6GR1SXNJ	VS_AAL_5_IPOA_B	NUMBER	[B67109457] C67190492

FUWTFVU	YTESRX		

7.21 Raw IPOAPVC Tables

7.21.1 HUA_IPOAPVC_IPOAPVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPOAPVC_ID		VARCHAR2(100)	[B67109465] RNC_Id & "/" & IPOAPVC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WEUXSAT0FJCVUEIG35G032RFOW	VS_IPOAPVC_MEAS KBPS_TX	NUMBER	[B67109465] C67202946
W0MNU0LRGXBYPCEA5BVTUKU0B0	VS_IPOAPVC_MEAS KBPS_RX	NUMBER	[B67109465] C67202945

7.22 Raw IPPATH Tables

7.22.1 HUA_IP_PATH_PING_V200_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109467] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UFJTSXC02X2AHSR1B035YIJPVO	VS_IPPATH_PING_MEANDELAY	NUMBER	[B67109467] C67204390
UFJTSXE02X2AHSR1B035YIJPVO	VS_IPPATH_PING_MAXDELAY	NUMBER	[B67109467] C67194636
UFJTSXG02X2AHSR1B035YIJPVO	VS_IPPATH_PING_MEANJITTER	NUMBER	[B67109467] C67204391
UFJTSXI02X2AHSR1B035	VS_IPPATH_PING_M	NUMBER	[B67109467] C67194639

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YIJPVO	AXJITTER		
UFJTSXK02X2AHSR1B035YIJPVO	VS_IPPATH_PING_MEANLOST	NUMBER	[B67109467] C67204392
UFJTSXM02X2AHSR1B035YIJPVO	VS_IPPATH_PING_MAXLOST	NUMBER	[B67109467] C67194642

7.22.2 HUA_IPPATH_CONNECTIONS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109467] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN4VURP2AHRHR0035XVPKR0	B67109467_C67204207	FLOAT	[B67109467] C67204207

7.22.3 HUA_IPPATH_IPPATH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109467] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGXLIYY2AHDHA0035XKCUC6	VS_IP_PKTRX_PATH	NUMBER	[B67109467] C67192412
UB2WGXNIYY2AHDHA0035XKCUC6	VS_IP_PKTTX_PATH	NUMBER	[B67109467] C67192413
XLSNY4TLUI2AIDKRB02OFAWJHK	VS_IPPATH_FWD_CONG	NUMBER	[B67109467] C67195599
XLSNY4VLUI2AIDKRB02OFAWJHK	VS_IPPATH_FWD_CONG_DUR	NUMBER	[B67109467] C67195600
XLSNY4XLUI2AIDKRB02OFAWJHK	VS_IPPATH_BWD_CONG	NUMBER	[B67109467] C67195601
XLSNY50LUI2AIDKRB02OFAWJHK	VS_IPPATH_BWD_CONG_DUR	NUMBER	[B67109467] C67195602

RWQP1UXDCBCQBSRJS4VROLVGYC	VS_IPPATH_TX_MEANKBPS	FLOAT	[B67109467] C67202954
XCTPVU4BQUBWXB2QD2HTBQSIQO	VS_IPPATH_PEAK_RXBYTES	NUMBER	[B67109467] C67192430
U2RON1EH2NBNPRW0NDJGS44YQC	VS_IPPATH_TX_BYTES	NUMBER	[B67109467] C67192429
UYW5AMWTJ5B42BJWR53WANVP3W	VS_IPPATH_RX_MEANKBPS	FLOAT	[B67109467] C67202953
YG6CXBJ6RABBBCFQ31A2W4RM4E	VS_IPPATH_PEAK_TXBYTES	NUMBER	[B67109467] C67192431
SW660W4JIJBJSE2UXQJRP4YXR6	VS_IPPATH_RX_BYTES	NUMBER	[B67109467] C67192428

7.22.4 HUA_IPPERFORMANCE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109539] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ6HUPW2AHRHR0035XVPKR0	B67109539_C67204117	FLOAT	[B67109539] C67204117
YEARQ6JUPW2AHRHR0035XVPKR0	B67109539_C67204118	FLOAT	[B67109539] C67204118
YEARQ6LUPW2AHRHR0035XVPKR0	B67109539_C67204119	FLOAT	[B67109539] C67204119
YEARQ6NUPW2AHRHR0035XVPKR0	B67109539_C67204120	FLOAT	[B67109539] C67204120
YEARQ6PUPW2AHRHR0035XVPKR0	B67109539_C67204121	FLOAT	[B67109539] C67204121
YEARQ6RUPW2AHRHR0035XVPKR0	B67109539_C67204122	FLOAT	[B67109539] C67204122

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YEARQ6TUPW2AHRHR0035XVPKR0	B67109539_C67204123	FLOAT	[B67109539] C67204123
YEARQ6VUPW2AHRHR0035XVPKR0	B67109539_C67204124	FLOAT	[B67109539] C67204124
YEARQ6XUPW2AHRHR0035XVPKR0	B67109539_C67204127	FLOAT	[B67109539] C67204127
YEARQA0UPW2AHRHR0035XVPKR0	B67109539_C67204128	NUMBER	[B67109539] C67204128
YEARQA2UPW2AHRHR0035XVPKR0	B67109539_C67204131DIFF	FLOAT	[B67109539] C67204131
YEARQA4UPW2AHRHR0035XVPKR0	B67109539_C67204132	FLOAT	[B67109539] C67204132
YEARQA6UPW2AHRHR0035XVPKR0	B67109539_C67192968	NUMBER	[B67109539] C67192968

7.22.5 HUA_IPPLAYER_TRAFFIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109495] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNLLURP2AHRHR0035XVPKR0	B67109495_C67195395	NUMBER	[B67109495] C67195395
SUIHNLNURP2AHRHR0035XVPKR0	B67109495_C67195396	NUMBER	[B67109495] C67195396
SUIHNLPURP2AHRHR0035XVPKR0	B67109495_C67195397	NUMBER	[B67109495] C67195397
SUIHNLRURP2AHRHR0035XVPKR0	B67109495_C67195398	NUMBER	[B67109495] C67195398
SUIHNLTURP2AHRHR0035XVPKR0	B67109495_C67195399	NUMBER	[B67109495] C67195399
SUIHNLVURP2AHRHR0035XVPKR0	B67109495_C67195400	NUMBER	[B67109495] C67195400
SUIHNLXURP2AHRHR0035	B67109495_C6719540	NUMBER	[B67109495] C67195401

XVPKR0	1		
SUIHNM0URP2AHRHR0035XVPKR0	B67109495_C67195402	NUMBER	[B67109495] C67195402
SUIHNM2URP2AHRHR0035XVPKR0	B67109495_C67204698	FLOAT	[B67109495] C67204698
SUIHNM4URP2AHRHR0035XVPKR0	B67109495_C67204699	FLOAT	[B67109495] C67204699
SUIHNM6URP2AHRHR0035XVPKR0	B67109495_C67204700	FLOAT	[B67109495] C67204700
SUIHNMBURP2AHRHR0035XVPKR0	B67109495_C67204701	FLOAT	[B67109495] C67204701

7.22.6 HUA_IPPLAYERQOS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109540] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNMDURP2AHRHR0035XVPKR0	B67109540_C67195405	NUMBER	[B67109540] C67195405
SUIHNMFURP2AHRHR0035XVPKR0	B67109540_C67195406	NUMBER	[B67109540] C67195406
SUIHNMHURP2AHRHR0035XVPKR0	B67109540_C67195407	NUMBER	[B67109540] C67195407
SUIHNMJURP2AHRHR0035XVPKR0	B67109540_C67195408	NUMBER	[B67109540] C67195408
SUIHNMLURP2AHRHR0035XVPKR0	B67109540_C67195409	NUMBER	[B67109540] C67195409
SUIHNMNURP2AHRHR0035XVPKR0	B67109540_C67195410	NUMBER	[B67109540] C67195410

SUIHNMPURP2AHRHR0035XVPKR0	B67109540_C67195411	NUMBER	[B67109540] C67195411
SUIHNMRURP2AHRHR0035XVPKR0	B67109540_C67195412	NUMBER	[B67109540] C67195412
SUIHNMTURP2AHRHR0035XVPKR0	B67109540_C67204702	FLOAT	[B67109540] C67204702
SUIHNMVURP2AHRHR0035XVPKR0	B67109540_C67204703	FLOAT	[B67109540] C67204703
SUIHNMXURP2AHRHR0035XVPKR0	B67109540_C67204704	FLOAT	[B67109540] C67204704
SUIHNN0URP2AHRHR0035XVPKR0	B67109540_C67204705	FLOAT	[B67109540] C67204705

7.22.7 HUA_IPPMJITTER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109539] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNKRURP2AHRHR0035XVPKR0	B67109539_C67204731	FLOAT	[B67109539] C67204731

7.22.8 HUA_RTP_FLUX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATH_ID		VARCHAR2(100)	[B67109534] RNC_Id & "/" & IPPATH_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ4DUPW2AHRHR0035XVPKR0	B67109534_C67192702	NUMBER	[B67109534] C67192702
YEARQ4FUPW2AHRHR0035XVPKR0	B67109534_C67204003	FLOAT	[B67109534] C67204003
YEARQ4HUPW2AHRHR003	B67109534_C6720400	FLOAT	[B67109534] C67204004

5XVPKR0	4		
YEARQ4JUPW2AHRHR0035XVPKR0	B67109534_C67204005	FLOAT	[B67109534] C67204005
YEARQ4LUPW2AHRHR0035XVPKR0	B67109534_C67192708	NUMBER	[B67109534] C67192708
YEARQ4NUPW2AHRHR0035XVPKR0	B67109534_C67192709	FLOAT	[B67109534] C67192709
YEARQ4PUPW2AHRHR0035XVPKR0	B67109534_C67192710	FLOAT	[B67109534] C67192710
YEARQ4RUPW2AHRHR0035XVPKR0	B67109534_C67204006	FLOAT	[B67109534] C67204006
YEARQ4TUPW2AHRHR0035XVPKR0	B67109534_C67204007	FLOAT	[B67109534] C67204007
YEARQ4VUPW2AHRHR0035XVPKR0	B67109534_C67204008DIFF	FLOAT	[B67109534] C67204008
YEARQ4XUPW2AHRHR0035XVPKR0	B67109534_C67204009DIFF	FLOAT	[B67109534] C67204009

7.23 Raw IPPATHPING Tables

7.23.1 HUA_IPPATHPING_IPPATHPI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IPPATHPING_ID		VARCHAR2(50)	[B67109470] RNC_Id & "/" & IPPATHPING_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UPTBUDOTG3BYSUA5PQU0IONPAN	VS_IPPATH_PING_MAXDELAY	NUMBER	[B67109470] C67191685
UCIYS66C4IBMRENPE2PREXPKHB	VS_IPPATH_PING_MAXJITTER	NUMBER	[B67109470] C67191688
YC4C54NUJXC0WCEU2IJ62	VS_IPPATH_PING_	NUMBER	[B67109470] C67191691

KFUTG	MAXLOST		
VIAB4YJBD5BUFBFKR4YH64EPS4	VS_IPPATH_PING_MEANDELAY	NUMBER	[B67109470] C67203424
S2WAL6MWGSBK1CX4UTXNAIFG6L	VS_IPPATH_PING_MEANJITTER	NUMBER	[B67109470] C67203425
XTOLBB2PRGBB5RVFBBR02NCYKU	VS_IPPATH_PING_MEANLOST	NUMBER	[B67109470] C67203426

7.24 Raw Iu Tables

7.24.1 HUA_IU_IF_CS_SIG_IU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109405] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
V5TKJWXKDCBUOUHCCWU6IONKTY	VS_IU_ACKRESETCS	NUMBER	[B67109405] C67176450
TAFSI4HOBOCV2EG2K35MCD2B6O	VS_IU_ACKRESETRESCS	NUMBER	[B67109405] C67176452
VVPTHG3IYUB3GTH235WUE5L1PE	VS_IU_ERRIND_CS_RX	NUMBER	[B67109405] C67176531
RQ14KII05HBJNRGGTJXJ5A4IRM	VS_IU_ERRIND_CS_TX	NUMBER	[B67109405] C67176529
U6DXCUVNHYBWXRMLFC55HDKWO2	VS_IU_OVERLD_CS_RX	NUMBER	[B67109405] C67176515
V2TF5N3KI1CLUDOD3U0BAJDLEM	VS_IU_OVERLD_CS_TX	NUMBER	[B67109405] C67176513
UF24GJXX3RC5ARAFTQTRGKUTFP	IU_ATTCONNRELCNCS_SUM	NUMBER	[B67109405] C67176552
R0HILHYMASCMDU1MWRNSKQQJMA	VS_IU_RELCMDCS_NORAB	NUMBER	[B67109405] C67176557
VQ2HBEQ2E0B1TBUNKCK66FPFXX	VS_IU_RELCMDCS_NORMREL	NUMBER	[B67109405] C67176554

SAOSULQQXQCNMUIJEGH5EOFWQO	VS_IU_RELCMDCS_RELOCCAN	NUMBER	[B67109405] C67176556
YAFAW6U3USCUDBHTLEWWCS0BXX	VS_IU_RELCMDCS_RELOCSUCC	NUMBER	[B67109405] C67176553
XX2YU5DIVOBJWTMYGCRPE0BTKM	VS_IU_RELCMDCS_UTRANGEN	NUMBER	[B67109405] C67176555
UVB4QTXIFKBBNEOTR5BWMEXIKS	VS_IU_RELCSPREEMPT	NUMBER	[B67109405] C67190182
TP4SEU3MPNBKISNCE1W6S0IV20	IU_ATTCONNRELREQUTRANCS_SUM	NUMBER	[B67109405] C67176546
W2T2ACQ231C5CD1EDGTRSXJP1Y	VS_IU_RELREQCS_INGCHKFAIL	NUMBER	[B67109405] C67176549
TVGOQIOVJKBU3SH3SQTNUVXGRQ	VS_IU_RELREQCS_OM	NUMBER	[B67109405] C67176547
V2VB54HBK4B4QSILE5WQ6GNGU0	VS_IU_RELREQCS_RADCONNUELOST	NUMBER	[B67109405] C67176551
TMSG4N14I3B1PEILJEROFDDGSQ	VS_IU_RELREQCS_RIPFAIL	NUMBER	[B67109405] C67176573
WVVM0VG4CMCKSUY3K26PMUW2V4	VS_IU_RELREQCS_SIGCONNREL	NUMBER	[B67109405] C67176550
XCDOXCA3INBLJU63E5FRFYYPJA	VS_IU_RELREQCS_SRBRESET	NUMBER	[B67109405] C67176571
R3G2RXEHXBB1JSP0IM16THJ2A2	VS_IU_RESETCS_OM	NUMBER	[B67109405] C67176454
SUIA6SS3OVB0OU4FK3APFORD1D	VS_IU_RESETCS_RX	NUMBER	[B67109405] C67176453
TNY1BP5TFNCBVSLE3UQIQ0PDVD	VS_IU_RESETCS_TX	NUMBER	[B67109405] C67176449
R016PKRQMOBWTBRIGETV0DDIOM	VS_IU_RESETRESCS_OM	NUMBER	[B67109405] C67176457
SV4WXX3DW4BROUQ1O3JKRW33RH	VS_IU_RESETRESCS_RX	NUMBER	[B67109405] C67176455

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Y6NEW5UQMWBWJSS5EBUEQ6V3OE	VS_IU_RESETRESCS_SIGTRFAIL	NUMBER	[B67109405] C67176456
TPDJAXNF6DCI5EAA0U5M2MJOQW	VS_IU_RESETRESCS_TX	NUMBER	[B67109405] C67176451
SV2P2X43MICEDDGQTDVWWO5U2N	VS_IU_SIG_ATTCONNESTABCS	NUMBER	[B67109405] C67189920
XLSNXT4LUI2AIDKRB02OFAWJHK	IU_RELREQCS_NETWORKOPT	NUMBER	[B67109405] C67196234

7.24.2 HUA_IU_IF_CS_SIG_IUFC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109405] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXT2LUI2AIDKRB02OFAWJHK	IU_SCCP_FLOWCTRL_DISC_INITDTCS	NUMBER	[B67109405] C67193095

7.24.3 HUA_IU_IF_IU_CS_BYTES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XHMYMRAGXFBX6CALBPCG6U3K2H	VS_IUCS_BYTESPAYLDCONV_RX	NUMBER	[B67109407] C67199469
XJWMUM0MRACIIBULPEYSDCTI6N	VS_IUCS_BYTESPAYLDCONV_TX	NUMBER	[B67109407] C67199473
YUFAJAWNU3CU2RL33V3TATSW0Y	VS_IUCS_BYTESPAYLDSTR_RX	NUMBER	[B67109407] C67199470
REJQDG25AABYOEYP0MWHROAADO	VS_IUCS_BYTESPAYLDSTR_TX	NUMBER	[B67109407] C67199474

7.24.4 HUA_IU_IF_IU_PS_BYTES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109408] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXTBLUI2AIDKRB02OFAWJHK	VS_IUPS_GOLDENBE_BYTES_TX	NUMBER	[B67109408] C67204829
XLSNXTDLUI2AIDKRB02OFAWJHK	VS_IUPS_SILVERBE_BYTES_TX	NUMBER	[B67109408] C67204830
XLSNXTFLUI2AIDKRB02OFAWJHK	VS_IUPS_COPPERBE_BYTES_TX	NUMBER	[B67109408] C67204831
XLSNXTHLUI2AIDKRB02OFAWJHK	VS_IUPS_GOLDENBE_BYTES_RX	NUMBER	[B67109408] C67204832
XLSNXTJLUI2AIDKRB02OFAWJHK	VS_IUPS_SILVERBE_BYTES_RX	NUMBER	[B67109408] C67204833
XLSNXTLLUI2AIDKRB02OFAWJHK	VS_IUPS_COPPERBE_BYTES_RX	NUMBER	[B67109408] C67204834
UB2WH4DIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDBGRD_RX	NUMBER	[B67109408] C67203900
UB2WH4FIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDBGRD_TX	NUMBER	[B67109408] C67203898
UB2WH4HIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDCONV_RX	NUMBER	[B67109408] C67203895
UB2WH4JIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDCONV_TX	NUMBER	[B67109408] C67203893
UB2WH4LIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDINTACT_RX	NUMBER	[B67109408] C67203899
UB2WH4NIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDINTACT_TX	NUMBER	[B67109408] C67203897
UB2WH4PIYY2AHDHA0035	VS_IUPS_BYTESPAYL	NUMBER	[B67109408] C67203896

XKCUC6	DSTR_RX		
UB2WH4RIYY2AHDHA0035XKCUC6	VS_IUPS_BYTESPAYLDSTR_TX	NUMBER	[B67109408] C67203894

7.24.5 HUA_IU_IF_IUCSKBPSAMRDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SBUEXRFR1RCNGS1566LCGDVIFQ	VS_IU_CS_KBPS_AMR_DL_10_2_LOW	NUMBER	[B67109407] C67189925
RQNIVBD03WBI6BWHFSEXFFVDMN	VS_IU_CS_KBPS_AMR_DL_10_2_ST	NUMBER	[B67109407] C67189927
VJHGTRKCM6BN5SOUAN6MCRQCCB	VS_IU_CS_KBPS_AMR_DL_12_2_HIGH	NUMBER	[B67109407] C67189923
ROHLKXWCNVB0CDNAFX4B2SFBRC	VS_IU_CS_KBPS_AMR_DL_12_2_LOW	NUMBER	[B67109407] C67189922
TGUCRT34LBCRETUX1HRXKESOOH	VS_IU_CS_KBPS_AMR_DL_12_2_ST	NUMBER	[B67109407] C67189924
UDWMSR3EHEBSABVM1GAKBWM5AS	VS_IU_CS_KBPS_AMR_DL_4_75_HIGH	NUMBER	[B67109407] C67189944
WE1TUYVNCFBJFU25DNXGCFGSIM	VS_IU_CS_KBPS_AMR_DL_4_75_LOW	NUMBER	[B67109407] C67189943
RUL3CP4AG3BOGT4TOSQLE6UFO0	VS_IU_CS_KBPS_AMR_DL_4_75_ST	NUMBER	[B67109407] C67189945
YEWWBMUG6YB4ACHRLAXK4QME6B	VS_IU_CS_KBPS_AMR_DL_5_15_HIGH	NUMBER	[B67109407] C67189941
X05GXIHV2ICXWRUYQRY2YFP306	VS_IU_CS_KBPS_AMR_DL_5_15_LOW	NUMBER	[B67109407] C67189940
RTCT66UFEPBGRU3E6R0HNJ55I3	VS_IU_CS_KBPS_AMR_DL_5_15_ST	NUMBER	[B67109407] C67189942
VFROPPSCXMBVGC0YBP1IWSKS31	VS_IU_CS_KBPS_AMR_DL_5_9_HIGH	NUMBER	[B67109407] C67189938

XJYK5QO4MMBDXDUBTR442NANJV	VS_IU_CS_KBPS_AMR_DL_5_9_LOW	NUMBER	[B67109407] C67189937
SHQ2R25YXOBDPBWH5FKEKVB5CB	VS_IU_CS_KBPS_AMR_DL_5_9_ST	NUMBER	[B67109407] C67189939
WNPMUM553ICCCS0GJXHJEL6QA6	VS_IU_CS_KBPS_AMR_DL_6_7_HIGH	NUMBER	[B67109407] C67189935
UASNNK3MDHB35RI63GS6QOH2ER	VS_IU_CS_KBPS_AMR_DL_6_7_LOW	NUMBER	[B67109407] C67189934
WLDQGOGIEPCPNRVHYDCM14HXGB	VS_IU_CS_KBPS_AMR_DL_6_7_ST	NUMBER	[B67109407] C67189936
YGBPMHLKCHCXOEELFKS5UCT5FU	VS_IU_CS_KBPS_AMR_DL_7_4_HIGH	NUMBER	[B67109407] C67189932
Y3NIT2OWC2C3FUFSAGTJR1FUJC	VS_IU_CS_KBPS_AMR_DL_7_4_LOW	NUMBER	[B67109407] C67189931
UWR60VNCK0BWNRMAVJEOMLSJKP	VS_IU_CS_KBPS_AMR_DL_7_4_ST	NUMBER	[B67109407] C67189933
WPS2W1DJTKCU6R3T6A51Y6LWKG	VS_IU_CS_KBPS_AMR_DL_7_95_HIGH	NUMBER	[B67109407] C67189929
W3PNGL6XFMC1RRVAGJJFMIVQLX	VS_IU_CS_KBPS_AMR_DL_7_95_LOW	NUMBER	[B67109407] C67189928
RG1UMNRR31BKBEV342BBJWCDQO	VS_IU_CS_KBPS_AMR_DL_7_95_ST	NUMBER	[B67109407] C67189930
UUO23HVILK2AHDH6B035XKCUC6	VS_IU_CS_KBPS_AMR_DL_10_2_HIGH	NUMBER	[B67109407] C67189926
TEI03WHIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_12_2	FLOAT	[B67109407] C67202861
TEI03WJIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_10_2	FLOAT	[B67109407] C67202862
TEI03WLIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_7_95	FLOAT	[B67109407] C67202863
TEI03WNIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_7_4	FLOAT	[B67109407] C67202864

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TEI03WPIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_6_7	FLOAT	[B67109407] C67202865
TEI03WRIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_5_9	FLOAT	[B67109407] C67202866
TEI03WTIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_5_15	FLOAT	[B67109407] C67202867
TEI03WVIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_DL_4_75	FLOAT	[B67109407] C67202868

7.24.6 HUA_IU_IF_IUCSKBPSAMRUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UBTCSUTM6CBUXSRJXNFT5NFUGA	VS_IU_CS_KBPS_AMR_UL_10_2_HIGH	NUMBER	[B67109407] C67189950
SH5QMHTGSNCXKRA23S1U4KAMYJ	VS_IU_CS_KBPS_AMR_UL_10_2_LOW	NUMBER	[B67109407] C67189949
UWOLAG0E0LCJVRYFTCQN66HNHF	VS_IU_CS_KBPS_AMR_UL_10_2_ST	NUMBER	[B67109407] C67189951
W4X3QG3CKYBGARRRPRPQSM330U	VS_IU_CS_KBPS_AMR_UL_12_2_HIGH	NUMBER	[B67109407] C67189947
RAB23GP5XUBOVUH4F1JJ0NMS2J	VS_IU_CS_KBPS_AMR_UL_12_2_LOW	NUMBER	[B67109407] C67189946
UICK5HHNWHBETTJBQ6LPO4X1OA	VS_IU_CS_KBPS_AMR_UL_12_2_ST	NUMBER	[B67109407] C67189948
YOGWW3YPRXCWDDJMKINNW5S1BK	VS_IU_CS_KBPS_AMR_UL_4_75	FLOAT	[B67109407] C67202876
VX0LNLIMUYCU1D421GXMNSJRC4	VS_IU_CS_KBPS_AMR_UL_4_75_HIGH	NUMBER	[B67109407] C67189968
TKN66PCBPFCCDC3AXVDK3VLDNF	VS_IU_CS_KBPS_AMR_UL_4_75_LOW	NUMBER	[B67109407] C67189967
UWCXC4WJGBBVWBLTMQQ	VS_IU_CS_KBPS_A	NUMBER	[B67109407] C67189969

AXJSL1M	MR_UL_4_75_ST		
WIIR3TCKHFBYFBJYPAPWNRPJJT	VS_IU_CS_KBPS_AMR_UL_5_15	FLOAT	[B67109407] C67202875
R6YOQ0GB4HCPVTYFD5ILUKFSDG	VS_IU_CS_KBPS_AMR_UL_5_15_HIGH	NUMBER	[B67109407] C67189965
R6EHSBMAVNB14R6TI2E50SGEST	VS_IU_CS_KBPS_AMR_UL_5_15_LOW	NUMBER	[B67109407] C67189964
Y2HWHWL5XWB2ICQFMDYUBQXBO0	VS_IU_CS_KBPS_AMR_UL_5_15_ST	NUMBER	[B67109407] C67189966
YAVRN521CGBDGECQXHSEBLX4NH	VS_IU_CS_KBPS_AMR_UL_5_9	FLOAT	[B67109407] C67202874
T4202VL43FC5JSGAT6JFPYJCW0	VS_IU_CS_KBPS_AMR_UL_5_9_HIGH	NUMBER	[B67109407] C67189962
RSRIWNGTRDBVVE2FYBQ54XPUKD	VS_IU_CS_KBPS_AMR_UL_5_9_LOW	NUMBER	[B67109407] C67189961
T23CGMV4PGC4ATPE5TQLM2CU1X	VS_IU_CS_KBPS_AMR_UL_5_9_ST	NUMBER	[B67109407] C67189963
RAPKP0G4N6BPNTQAKP1XN3SJ2F	VS_IU_CS_KBPS_AMR_UL_6_7_HIGH	NUMBER	[B67109407] C67189959
RMD43KDRSPBFGTSMTFM1G2H5EA	VS_IU_CS_KBPS_AMR_UL_6_7_LOW	NUMBER	[B67109407] C67189958
X1IUD0GTORCUXDU42PE2XKTOFR	VS_IU_CS_KBPS_AMR_UL_6_7_ST	NUMBER	[B67109407] C67189960
YH1BQV31BQCX5BHXHTXONY4QJE	VS_IU_CS_KBPS_AMR_UL_7_4_HIGH	NUMBER	[B67109407] C67189956
VTFSRTCFDXCSNEPDIMKXNR0N5Q	VS_IU_CS_KBPS_AMR_UL_7_4_LOW	NUMBER	[B67109407] C67189955
YDGOQS6QIICKNSFO2VX5DKWB4X	VS_IU_CS_KBPS_AMR_UL_7_4_ST	NUMBER	[B67109407] C67189957
W56XAWAXAMC0STNKRJW2OY2SMV	VS_IU_CS_KBPS_AMR_UL_7_95_HIGH	NUMBER	[B67109407] C67189953
SARCWC2NVWCB2TVYLWO	VS_IU_CS_KBPS_A	NUMBER	[B67109407] C67189952

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JXHT6C4	MR_UL_7_95_LOW		
SRCUCVQUIJCADT3LRM3DKT56BL	VS_IU_CS_KBPS_AMR_UL_7_95_ST	NUMBER	[B67109407] C67189954
TEI03WXIRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_UL_12_2	FLOAT	[B67109407] C67202869
TEI03X0IRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_UL_10_2	FLOAT	[B67109407] C67202870
TEI03X2IRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_UL_7_95	FLOAT	[B67109407] C67202871
TEI03X4IRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_UL_7_4	FLOAT	[B67109407] C67202872
TEI03X6IRW2AHDH6R035XKCUC6	VS_IU_CS_KBPS_AMR_UL_6_7	FLOAT	[B67109407] C67202873

7.24.7 HUA_IU_IF_IUCSKBPSCVDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YMOUGEWR20C4FERHNCA35YWPO0	VS_IU_CS_KBPS_CONV_DL_28_8	FLOAT	[B67109407] C67202883
T6V5MLTF3SCYFCMXWL6R3GCF4Q	VS_IU_CS_KBPS_CONV_DL_28_8_HIG	NUMBER	[B67109407] C67189989
YYEY4CW1NWB0EDCX101BGOGQJV	VS_IU_CS_KBPS_CONV_DL_28_8_LOW	NUMBER	[B67109407] C67189988
YN5HYFK5R5CCLBNV2N13HWYSNL	VS_IU_CS_KBPS_CONV_DL_28_8_ST	NUMBER	[B67109407] C67189990
W5N6HXFBMMBQPUC03WVL2PNMEX	VS_IU_CS_KBPS_CONV_DL_32	FLOAT	[B67109407] C67202881
XE0R2BJWK4BKXRUTTJ6S66JNNJ	VS_IU_CS_KBPS_CONV_DL_32_HIGH	NUMBER	[B67109407] C67189983
YUWKUAAX63CSMEEYPFQ	VS_IU_CS_KBPS_C	NUMBER	[B67109407] C67189982

NGR5HQF	ONV_DL_32_LOW		
VF52KHO620CG0C4LUP1W33WMSV	VS_IU_CS_KBPS_CONV_DL_32_ST	NUMBER	[B67109407] C67189984
W1JVJRGMLYC6XS4UFFVINHUK04	VS_IU_CS_KBPS_CONV_DL_56	FLOAT	[B67109407] C67202879
WVU31A2AB2CVFCPLSK1SMYWQJ2	VS_IU_CS_KBPS_CONV_DL_56_HIGH	NUMBER	[B67109407] C67189977
SAYOXDCYCXCKAEYMHOWXOFH443	VS_IU_CS_KBPS_CONV_DL_56_LOW	NUMBER	[B67109407] C67189976
YPHRILHPP0BW6B3X00OJ2WMS0T	VS_IU_CS_KBPS_CONV_DL_56_ST	NUMBER	[B67109407] C67189978
VYG04YQFF3BP6DBVVAMHUXYDJ2	VS_IU_CS_KBPS_CONV_DL_64	FLOAT	[B67109407] C67202877
U0S5DK2410BIAU2MWPAEGQUU0H	VS_IU_CS_KBPS_CONV_DL_64_HIGH	NUMBER	[B67109407] C67189971
URFPY6NYWCC5ODSQH3TFWK60FA	VS_IU_CS_KBPS_CONV_DL_64_LOW	NUMBER	[B67109407] C67189970
UW0THJRC52BFICLMAWM0LNJTPO	VS_IU_CS_KBPS_CONV_DL_64_ST	NUMBER	[B67109407] C67189972

7.24.8 HUA_IU_IF_IUCSKBPSCVUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
V11E46HQHNBWLBJGEGVW4EI0GB	VS_IU_CS_KBPS_CONV_UL_28_8	FLOAT	[B67109407] C67202884
V25GAJBJGWBEIERMRNAPSICEPL	VS_IU_CS_KBPS_CONV_UL_28_8_HIG	NUMBER	[B67109407] C67189992

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XKLUECT2M0BJLCSWRJR41RJWOW	VS_IU_CS_KBPS_CONV_UL_28_8_LOW	NUMBER	[B67109407] C67189991
UHQXJXX2CBB13TMAODMA3N6PNK	VS_IU_CS_KBPS_CONV_UL_28_8_ST	NUMBER	[B67109407] C67189993
SQ2CO3JYY2B5WR61XDIRRGRQWE	VS_IU_CS_KBPS_CONV_UL_32	FLOAT	[B67109407] C67202882
VYBU6WAS1BCQWCTCC1NUM0A1TP	VS_IU_CS_KBPS_CONV_UL_32_HIGH	NUMBER	[B67109407] C67189986
S2WVBP04CUCD0DVEMAKL2XONYY	VS_IU_CS_KBPS_CONV_UL_32_LOW	NUMBER	[B67109407] C67189985
TWERS4A2VXCHTR5QY1FMCIX21R	VS_IU_CS_KBPS_CONV_UL_32_ST	NUMBER	[B67109407] C67189987
U66HW6DIMVCADSFC2123NONRCE	VS_IU_CS_KBPS_CONV_UL_56	FLOAT	[B67109407] C67202880
XJL4FQMFAUBWLB033VFHTREDKE	VS_IU_CS_KBPS_CONV_UL_56_HIGH	NUMBER	[B67109407] C67189980
XLDJXOOCMTBA0U0VR25ODDOEDO	VS_IU_CS_KBPS_CONV_UL_56_LOW	NUMBER	[B67109407] C67189979
UWPXONVXGLCSTS6I4QFRDVR5OO	VS_IU_CS_KBPS_CONV_UL_56_ST	NUMBER	[B67109407] C67189981
WIDPOR6N2EBUFCCDU2OB2HBFQF	VS_IU_CS_KBPS_CONV_UL_64	FLOAT	[B67109407] C67202878
UVOCHUGF5BCRQSJD3AJMH0JWC1	VS_IU_CS_KBPS_CONV_UL_64_HIGH	NUMBER	[B67109407] C67189974
VFNT2O1MFLBRLBPFMW1SSND1PO	VS_IU_CS_KBPS_CONV_UL_64_LOW	NUMBER	[B67109407] C67189973
R4PYCTM21ICWJUAAMMNYQDOVC5	VS_IU_CS_KBPS_CONV_UL_64_ST	NUMBER	[B67109407] C67189975

7.24.9 HUA_IU_IF_IUCSKBPSSTRDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
YS2KACJDVICTYBIKXNWEBTLKWQ	VS_IU_CS_KBPS_STR_DL_14_4	FLOAT	[B67109407] C67202891
XOINMAX46JB10RGVMUXYHBJMYA	VS_IU_CS_KBPS_STR_DL_14_4_HIGH	NUMBER	[B67109407] C67190012
RDRLSK6FLDCMGRWTIUG5BVAGBY	VS_IU_CS_KBPS_STR_DL_14_4_LOW	NUMBER	[B67109407] C67190013
TFRLIUTM3ICOOTE0KD2FRPE3FC	VS_IU_CS_KBPS_STR_DL_14_4_ST	NUMBER	[B67109407] C67190014
YI6TXSK1DCB4JEBWODWW1TR3LR	VS_IU_CS_KBPS_STR_DL_28_8	FLOAT	[B67109407] C67202890
R5PKD0PD1AB15CE5AOVENA3CBI	VS_IU_CS_KBPS_STR_DL_28_8_HIGH	NUMBER	[B67109407] C67190010
UG6VSFOBQQBWCEQGM52F26KJ5Y	VS_IU_CS_KBPS_STR_DL_28_8_LOW	NUMBER	[B67109407] C67190009
Y1FSKX4P0OBWQR1G1EQ4NIUS3X	VS_IU_CS_KBPS_STR_DL_28_8_ST	NUMBER	[B67109407] C67190011
WCDSBLRWMYBQFEIISRVRDOOSWG	VS_IU_CS_KBPS_STR_DL_57_6	FLOAT	[B67109407] C67202887
R6FT6HO0PGBRDT1KJUOUUXUCFR	VS_IU_CS_KBPS_STR_DL_57_6_HIGH	NUMBER	[B67109407] C67190001
X5TU5ETMDUCR1TCBVK3RXJSUAB	VS_IU_CS_KBPS_STR_DL_57_6_LOW	NUMBER	[B67109407] C67190000
SF6EDBIVTFCHYDWT5MM3C46ELE	VS_IU_CS_KBPS_STR_DL_57_6_ST	NUMBER	[B67109407] C67190002
WGXUDLINA2CY6TPAKHA2OBV0LK	VS_IU_CS_KBPS_STR_DL_64	FLOAT	[B67109407] C67202885
SSXTQ12RWWBWPUQ5ASLB33WI6Y	VS_IU_CS_KBPS_STR_DL_64_HIGH	NUMBER	[B67109407] C67189995
TIKMDATMN3CKRDNIN2NKN2QP45	VS_IU_CS_KBPS_STR_DL_64_LOW	NUMBER	[B67109407] C67189994
T25J5BECNICNHB32HD01SR	VS_IU_CS_KBPS_S	NUMBER	[B67109407] C67189996

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BL6M	TR_DL_64_ST		

7.24.10HUA_IU_IF_IUCSKBPSSTRUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XEVFH36BK3BN3RQQUIAFICI0RL	VS_IU_CS_KBPS_STR_UL_14_4	FLOAT	[B67109407] C67202892
XXS6OBEYWYCEQUMYRSGWLHK1MQ	VS_IU_CS_KBPS_STR_UL_14_4_HIGH	NUMBER	[B67109407] C67190016
RFUOLQJRJCCCPSBFV3WHRBHBAS	VS_IU_CS_KBPS_STR_UL_14_4_LOW	NUMBER	[B67109407] C67190015
X2BU6NBA1QC13C1QQEPWS6CBLU	VS_IU_CS_KBPS_STR_UL_14_4_ST	NUMBER	[B67109407] C67190017
SDMS33W0FHBXVCKXJQ4KLS2II4	VS_IU_CS_KBPS_STR_UL_28_8	FLOAT	[B67109407] C67202889
WCNNIGODKSBR4DXGGK0UJNENXL	VS_IU_CS_KBPS_STR_UL_28_8_HIGH	NUMBER	[B67109407] C67190007
TTAJRJG0ORBHGEPHHD2E4WCO4V	VS_IU_CS_KBPS_STR_UL_28_8_LOW	NUMBER	[B67109407] C67190006
YKFWIYWSMLCWOR043A6JI3PRHA	VS_IU_CS_KBPS_STR_UL_28_8_ST	NUMBER	[B67109407] C67190008
YSSW4WBOFXCD1UBOVQ3TAKW23Y	VS_IU_CS_KBPS_STR_UL_57_6	FLOAT	[B67109407] C67202888
S34YNKFVJKCVITWMA4HL5LC3XL	VS_IU_CS_KBPS_STR_UL_57_6_HIGH	NUMBER	[B67109407] C67190004
SUNPXBA5OMBDSCEUNTQCJDMDSN	VS_IU_CS_KBPS_STR_UL_57_6_LOW	NUMBER	[B67109407] C67190003
U5ADGTRBVQBESEKWWVXU5BCRDB	VS_IU_CS_KBPS_STR_UL_57_6_ST	NUMBER	[B67109407] C67190005
XYJUC01L3JC4MBL33BAIKEVN1L	VS_IU_CS_KBPS_STR_UL_64	FLOAT	[B67109407] C67202886

TNVLJ5PLXGCQQURG6A1XBHXOQW	VS_IU_CS_KBPS_STR_UL_64_HIGH	NUMBER	[B67109407] C67189998
UWIHOKBG2XBS3TNWQ2XO1IXYI6	VS_IU_CS_KBPS_STR_UL_64_LOW	NUMBER	[B67109407] C67189997
VLYVUC2V33BVBBQ3WHSISU5MLU	VS_IU_CS_KBPS_STR_UL_64_ST	NUMBER	[B67109407] C67189999

7.24.11HUA_IU_IF_PS_SIG_IU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109406] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VDTET1XKBJCR6SGLGQO6JSB205	VS_IU_ACKRESETPS	NUMBER	[B67109406] C67176482
TDD1HAG052BDICVXUJKGLD2LT3	VS_IU_ACKRESETRESPS	NUMBER	[B67109406] C67176484
W5ANDHDETJCNGEEQT1QLIP056N	VS_IU_ERRIND_PS_RX	NUMBER	[B67109406] C67176532
X4KG20BRPSCW0TC3F3WLJT1YS6	VS_IU_ERRIND_PS_TX	NUMBER	[B67109406] C67176530
T4RKFT1YQPBOATT4M1H1GTNDWS	VS_IU_OVERLD_PS_RX	NUMBER	[B67109406] C67176516
UBGYE3JCEQBAWRVHJSR1BAO3IY	VS_IU_OVERLD_PS_TX	NUMBER	[B67109406] C67176514
S616KOOIFCBLDDTX3OV4WMIHA6	IU_ATTCONNRELCNPS_SUM	NUMBER	[B67109406] C67176565
SR00SQKR2LBG4DCUP1WVLGD3QP	VS_IU_RELCMDPS_NORAB	NUMBER	[B67109406] C67176570
SBPA1TFFL6BR5RSJ16Y2YSU	VS_IU_RELCMDPS_NO	NUMBER	[B67109406]

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0FC	RMREL		C67176567
S3NQHFMFIICUERRV6X1SJFQHY4	VS_IU_RELCMDPS_RELOCCAN	NUMBER	[B67109406] C67176569
USABGTECKQCFYCWL4ICQE6JB0B	VS_IU_RELCMDPS_RELOCSUCC	NUMBER	[B67109406] C67176566
XX16U3UIFSCCMBJDKEBXYRDQNK	VS_IU_RELCMDPS_UTRANGEN	NUMBER	[B67109406] C67176568
X05XYBHQ35B0YCWS2NY3T6BVQ0	VS_IU_RELPSPREEMPT	NUMBER	[B67109406] C67190183
WN2J5CJ53QBCNUKLVV3UU5VB21	IU_ATTCONNRELREQUTRANPS_SUM	NUMBER	[B67109406] C67176559
R5VAUAHNG2CCHURAMOMGDBVGNB	VS_IU_RELREQPS_INGCHKFAIL	NUMBER	[B67109406] C67176562
S1N5FIMGM0C62SPMPH5Q64MGRU	VS_IU_RELREQPS_OM	NUMBER	[B67109406] C67176560
UMLC2D41RKCK2RWH123FEER2OS	VS_IU_RELREQPS_RIPFAIL	NUMBER	[B67109406] C67176574
URWIVFSUG2BQEDBRYHD6RB4T5R	VS_IU_RELREQPS_SIGCONNREL	NUMBER	[B67109406] C67176563
WIN3TK5SX5BLMU2POMGP3GUTTU	VS_IU_RELREQPS_SRBRESET	NUMBER	[B67109406] C67176572
W4OUDV40CRCDSR16XEKV4R11NX	VS_IU_RELREQPS_UELOST	NUMBER	[B67109406] C67176564
SLK4UXI5IFCRASL42U5T6OPPRG	VS_IU_RELREQPS_USRINACT	NUMBER	[B67109406] C67176561
Y4WBPNY56XB5EUUK4AKPUJ2E5V	VS_IU_RESETPS_RX	NUMBER	[B67109406] C67176485
YDDVGQ2W41BLQDGUUAYOWQKBQ2	VS_IU_RESETPS_TX	NUMBER	[B67109406] C67176481
VJBSHWRAN0CCWE15UHTCK413DT	VS_IU_RESETRESPS_OM	NUMBER	[B67109406] C67176489
TCMIVHTWBFB0MS1YLWETQE1LF2	VS_IU_RESETRESPS_RX	NUMBER	[B67109406] C67176487
SDFRWYALAJBYLSSRF4H4QC3ASH	VS_IU_RESETRESPS_SIGTRFAIL	NUMBER	[B67109406] C67176488

X1U62KTLX1B3SBW1Q46NERP5BL	VS_IU_RESETRESPS_TX	NUMBER	[B67109406] C67176483
VF4OYHU2TPCOWS0Q6SSVOOWAWS	VS_IU_RSTPS_OM	NUMBER	[B67109406] C67176486
SRIWABB6P6CR6RJPBWU4HWVOJT	VS_IU_SIG_ATTCONNESTABPS	NUMBER	[B67109406] C67189921

7.24.12HUA_IU_IF_PS_SIG_IUFC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109406] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXT6LUI2AIDKRB02OFAWJHK	IU_SCCP_FLOWCTRL_DISC_INITDTPS	NUMBER	[B67109406] C67193096

7.24.13HUA_IU_IUCSKBPSAMRWBDL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGY4IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_12_65	FLOAT	[B67109407] C67203868
UB2WGY6IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_12_65_HI	NUMBER	[B67109407] C67192218
UB2WGYBIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_12_65_LO	NUMBER	[B67109407] C67192217
UB2WGYDIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_12_65_ST	NUMBER	[B67109407] C67192219

UB2WGYFIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_14_25	FLOAT	[B67109407] C67203869
UB2WGYHIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_14_25_HI	NUMBER	[B67109407] C67192221
UB2WGYJIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_14_25_LO	NUMBER	[B67109407] C67192220
UB2WGYLIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_14_25_ST	NUMBER	[B67109407] C67192222
UB2WGYNIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_15_85	FLOAT	[B67109407] C67203870
UB2WGYPIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_15_85_HI	NUMBER	[B67109407] C67192224
UB2WGYRIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_15_85_LO	NUMBER	[B67109407] C67192223
UB2WGYTIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_15_85_ST	NUMBER	[B67109407] C67192225
UB2WGYVIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_18_25	FLOAT	[B67109407] C67203871
UB2WGYXIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_18_25_HI	NUMBER	[B67109407] C67192227
UB2WH00IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_18_25_LO	NUMBER	[B67109407] C67192226
UB2WH02IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_18_25_ST	NUMBER	[B67109407] C67192228
UB2WH04IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_19_85	FLOAT	[B67109407] C67203872
UB2WH06IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_19_85_HI	NUMBER	[B67109407] C67192230
UB2WH0BIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_19_85_LO	NUMBER	[B67109407] C67192229
UB2WH0DIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_19_85_ST	NUMBER	[B67109407] C67192231
UB2WH0FIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_DL_23_05	FLOAT	[B67109407] C67203873
UB2WH0HIYY2AHDHA0035	VS_IUCS_KBPS_AM	NUMBER	[B67109407] C67192233

XKCUC6	RWB_DL_23_05_HI		
UB2WH0JIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_05_LO	NUMBER	[B67109407] C67192232
UB2WH0LIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_05_ST	NUMBER	[B67109407] C67192234
UB2WH0NIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_85	FLOAT	[B67109407] C67203874
UB2WH0PIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_85_HI	NUMBER	[B67109407] C67192236
UB2WH0RIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_85_LO	NUMBER	[B67109407] C67192235
UB2WH0TIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_23_85_ST	NUMBER	[B67109407] C67192237
UB2WH0VIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_6_60	FLOAT	[B67109407] C67203866
UB2WH0XIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_6_60_HI	NUMBER	[B67109407] C67192212
UB2WH10IYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_6_60_LO	NUMBER	[B67109407] C67192211
UB2WH12IYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_6_60_ST	NUMBER	[B67109407] C67192213
UB2WH14IYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_8_85	FLOAT	[B67109407] C67203867
UB2WH16IYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_8_85_HI	NUMBER	[B67109407] C67192215
UB2WH1BIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_8_85_LO	NUMBER	[B67109407] C67192214
UB2WH1DIYY2AHDHA0035 XKCUC6	VS_IUCS_KBPS_AM RWB_DL_8_85_ST	NUMBER	[B67109407] C67192216

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7.24.14HUA_IU_IUCSKBPSAMRWBUL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109407] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WH1FIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_12_65	FLOAT	[B67109407] C67203877
UB2WH1HIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_12_65_HI	NUMBER	[B67109407] C67192245
UB2WH1JIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_12_65_LO	NUMBER	[B67109407] C67192244
UB2WH1LIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_12_65_ST	NUMBER	[B67109407] C67192246
UB2WH1NIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_14_25	FLOAT	[B67109407] C67203878
UB2WH1PIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_14_25_HI	NUMBER	[B67109407] C67192248
UB2WH1RIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_14_25_LO	NUMBER	[B67109407] C67192247
UB2WH1TIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_14_25_ST	NUMBER	[B67109407] C67192249
UB2WH1VIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_15_85	FLOAT	[B67109407] C67203879
UB2WH1XIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_15_85_HI	NUMBER	[B67109407] C67192251
UB2WH20IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_15_85_LO	NUMBER	[B67109407] C67192250
UB2WH22IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_15_85_ST	NUMBER	[B67109407] C67192252
UB2WH24IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_18_25	FLOAT	[B67109407] C67203880
UB2WH26IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_18_25_HI	NUMBER	[B67109407] C67192254

UB2WH2BIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_18_25_LO	NUMBER	[B67109407] C67192253
UB2WH2DIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_18_25_ST	NUMBER	[B67109407] C67192255
UB2WH2FIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_19_85	FLOAT	[B67109407] C67203881
UB2WH2HIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_19_85_HI	NUMBER	[B67109407] C67192257
UB2WH2JIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_19_85_LO	NUMBER	[B67109407] C67192256
UB2WH2LIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_19_85_ST	NUMBER	[B67109407] C67192258
UB2WH2NIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_05	FLOAT	[B67109407] C67203882
UB2WH2PIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_05_HI	NUMBER	[B67109407] C67192260
UB2WH2RIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_05_LO	NUMBER	[B67109407] C67192259
UB2WH2TIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_05_ST	NUMBER	[B67109407] C67192261
UB2WH2VIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_85	FLOAT	[B67109407] C67203883
UB2WH2XIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_85_HI	NUMBER	[B67109407] C67192263
UB2WH30IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_85_LO	NUMBER	[B67109407] C67192262
UB2WH32IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_23_85_ST	NUMBER	[B67109407] C67192264
UB2WH34IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_6_60	FLOAT	[B67109407] C67203875
UB2WH36IYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_6_60_HI	NUMBER	[B67109407] C67192239

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UB2WH3BIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_6_60_LO	NUMBER	[B67109407] C67192238
UB2WH3DIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_6_60_ST	NUMBER	[B67109407] C67192240
UB2WH3FIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_8_85	FLOAT	[B67109407] C67203876
UB2WH3HIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_8_85_HI	NUMBER	[B67109407] C67192242
UB2WH3JIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_8_85_LO	NUMBER	[B67109407] C67192241
UB2WH3LIYY2AHDHA0035XKCUC6	VS_IUCS_KBPS_AMRWB_UL_8_85_ST	NUMBER	[B67109407] C67192243

7.24.15HUA_IU_MBMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109478] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WH3NIYY2AHDHA0035XKCUC6	VS_IU_MBMS_FAIL	NUMBER	[B67109478] C67192079
UB2WH3PIYY2AHDHA0035XKCUC6	VS_IU_MBMS_FAIL_IUSIGFAIL	NUMBER	[B67109478] C67192083
UB2WH3RIYY2AHDHA0035XKCUC6	VS_IU_MBMS_FAIL_IUUPFAIL	NUMBER	[B67109478] C67192082
UB2WH3TIYY2AHDHA0035XKCUC6	VS_IU_MBMS_FAIL_NNSF	NUMBER	[B67109478] C67192081
UB2WH3VIYY2AHDHA0035XKCUC6	VS_IU_MBMS_FAIL_NORSRC	NUMBER	[B67109478] C67192080
UB2WH3XIYY2AHDHA0035XKCUC6	VS_IU_MBMS_START	NUMBER	[B67109478] C67192077
UB2WH40IYY2AHDHA0035XKCUC6	VS_IU_MBMS_SUCC	NUMBER	[B67109478] C67192078

7.24.16HUA_IU_MOCN_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109526] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYCFLUI2AIDKRB02OFAWJHK	VS_IU_MOCN_CSPSCOORDINATION	NUMBER	[B67109526] C67193097
XLSNYCHLUI2AIDKRB02OFAWJHK	VS_IU_MOCN_LOCAREANOTALLOWED	NUMBER	[B67109526] C67193098
XLSNYCJLUI2AIDKRB02OFAWJHK	VS_IU_MOCN_PLMNNOTALLOWED	NUMBER	[B67109526] C67193099
XLSNYCLLUI2AIDKRB02OFAWJHK	VS_IU_MOCN_ROAMNOTALLOWED	NUMBER	[B67109526] C67193100
XLSNYCNLUI2AIDKRB02OFAWJHK	VS_IU_MOCN_NOSUITABLECELL	NUMBER	[B67109526] C67193101
XLSNYCPLUI2AIDKRB02OFAWJHK	IU_MOCN_GPRSSERVICESNOTALLOWED	NUMBER	[B67109526] C67193102

7.24.17HUA_SCCP_CONNECTION_IU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109535] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ5XUPW2AHRHR0035XVPKR0	B67109535_C67195049	NUMBER	[B67109535] C67195049
YEARQ60UPW2AHRHR0035XVPKR0	B67109535_C67195050	NUMBER	[B67109535] C67195050

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YEARQ62UPW2AHRHR0035XVPKR0	B67109535_C67195051	NUMBER	[B67109535] C67195051
YEARQ64UPW2AHRHR0035XVPKR0	B67109535_C67195052	NUMBER	[B67109535] C67195052

7.24.18 HUA_SIGCSPSIULBALANCE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IU_ID		VARCHAR2(50)	[B67109405] (RNC_Id & "/" & Object_Id) [B67109406] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ1BUPW2AHRHR0035XVPKR0	B67109405_C67192538	NUMBER	[B67109405] C67192538
YEARQ1DUPW2AHRHR0035XVPKR0	B67109405_C67192539	NUMBER	[B67109405] C67192539
YEARQ1FUPW2AHRHR0035XVPKR0	B67109405_C67192540	NUMBER	[B67109405] C67192540
YEARQ1HUPW2AHRHR0035XVPKR0	B67109406_C67192541	NUMBER	[B67109406] C67192541
YEARQ1JUPW2AHRHR0035XVPKR0	B67109406_C67192542	NUMBER	[B67109406] C67192542
YEARQ1LUPW2AHRHR0035XVPKR0	B67109406_C67192543	NUMBER	[B67109406] C67192543

7.25 Raw Iur Tables

7.25.1 HUA_DRNC_RLS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109412] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

YEARQ2PUPW2AHRHR0035XVPKR0	B67109412_C67192579	NUMBER	[B67109412] C67192579
YEARQ2RUPW2AHRHR0035XVPKR0	B67109412_C67192580	NUMBER	[B67109412] C67192580
YEARQ2TUPW2AHRHR0035XVPKR0	B67109412_C67192581	NUMBER	[B67109412] C67192581

7.25.2 HUA_IUR_INTERFACE_DRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109412] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SMSHSIXCFUCKSEGQY5510L5VVJ	VS_IUR_ATTCOMTRACHRESDRNC	NUMBER	[B67109412] C67179119
R6EVN6RD20BN1S0KTA2JQOET4L	VS_IUR_ATTRELCOTRCHRESDRNC	NUMBER	[B67109412] C67179122
XPGY4DQ5D4CBTUT1N1ENUXDF10	VS_IUR_FAILCTCRDRNC_NOTSUPP	NUMBER	[B67109412] C67179121
WPCRLJWQMQC4RR11DORLDNHBYF	VS_IUR_SUCCCOMTRACHRESDRNC	NUMBER	[B67109412] C67179120
RVSD5MW2WUBPGSC11LNGWTJB22	VS_SHO_ATTRLADDIUR_RX	NUMBER	[B67109412] C67179098
RAJG4KCTWCCEGU36CQEP6VETRF	VS_SHO_ATTRLDELIUR_RX	NUMBER	[B67109412] C67179096
XKR4M1ED4PCUIDP65HY1Q05YMY	VS_SHO_ATTRLRECFGIUR_RX	NUMBER	[B67109412] C67179105
RTRGAT5MNKCNQC64HSNX3SWADS	VS_SHO_ATTRLSETUPIUR_RX	NUMBER	[B67109412] C67179089
TMBJXFRSI4BKDCGYYMYS	VS_SHO_CANCRLRECF	NUMBER	[B67109412] C67179112

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EJ5ELU	GIUR_PROTTX		
RNSU66CCQMB0UUABCTSWCVP06Y	VS_SHO_ERRINDIUR_RX	NUMBER	[B67109412] C67179009
RB0HIL2NN2BTKCR5ITXIMRQJU2	VS_SHO_ERRINDIUR_TX	NUMBER	[B67109412] C67179010
WX05YYDISXCAIT0U3F6S2PCECG	VS_SHO_FAILRLADDIUR_CFGUNSTX	NUMBER	[B67109412] C67179103
YPBUTMM5QXBQJRSCYHIP6MFKGT	VS_SHO_FAILRLADDIUR_CONG_TX	NUMBER	[B67109412] C67179102
SCESTXF0X5CTJRR5NGVYOFBYJA	VS_SHO_FAILRLADDIUR_HW_TX	NUMBER	[B67109412] C67179101
RLTF5JYNXQC4YBINE3DBCNYEQQ	VS_SHO_FAILRLADDIUR_OM_TX	NUMBER	[B67109412] C67179100
UYRWDY3UUACQKURVOQR45AESX0	VS_SHO_FAILRLRECFGIUR_CFGUTX	NUMBER	[B67109412] C67179110
SY4OBCNI1IB42TXINSSFRG3UGC	VS_SHO_FAILRLRECFGIUR_CONGTX	NUMBER	[B67109412] C67179109
SJVGO6CWS1CCSRTOQ3OHCQM1J0	VS_SHO_FAILRLRECFGIUR_HW_TX	NUMBER	[B67109412] C67179108
SYK1NNO2KLC50DDCNBDGDED1M3	VS_SHO_FAILRLRECFGIUR_OM_TX	NUMBER	[B67109412] C67179107
UXQ05M5K3OB2RSJCRWC36BRUVS	VS_SHO_FAILRLSETUPIUR_CFGUTX	NUMBER	[B67109412] C67179094
TUFURRBK62B0JR4YPNS35QDD1U	VS_SHO_FAILRLSETUPIUR_CONGTX	NUMBER	[B67109412] C67179093
R50EX1DMBFBLJUPMG4NJUGXY3E	VS_SHO_FAILRLSETUPIUR_HW_TX	NUMBER	[B67109412] C67179092
V2IHJPCNFNBD3UJK6WJEDN6SCR	VS_SHO_RLFAIL_CFGUNSUP_TX	NUMBER	[B67109412] C67179117
RKUEJRGUWTCWGELHJ6YXFBULHO	VS_SHO_RLFAIL_HW_TX	NUMBER	[B67109412] C67179115
U1H6LJ2W5ABKDR6F6YABS1VHKR	VS_SHO_RLFAIL_OM_TX	NUMBER	[B67109412] C67179114
YUU6LUW21WBNFDKOAD1CTYE3IJ	VS_SHO_RLFAIL_OTHER_TX	NUMBER	[B67109412] C67190048

TCHPP056D0BVPC0H1OYH05NG23	VS_SHO_RLFAIL_SYNCFAIL_TX	NUMBER	[B67109412] C67179116
SQVTEBLR0BBBVD60RBAL3XBMH0	VS_SHO_RLFAIL_TX	NUMBER	[B67109412] C67179113
TUSWP6WGBSCKXSKJ3Q2XD5QOWR	VS_SHO_RLRESTORE_TX	NUMBER	[B67109412] C67179118
Y4A1VS5CEYB1HEGSOIWJ1PFR0K	VS_SHO_SUCCRLADDIUR_TX	NUMBER	[B67109412] C67179099
RQRWTNDO1KCRACEM3IMFNEPR4B	VS_SHO_SUCCRLDELIUR_TX	NUMBER	[B67109412] C67179097
WJDTXCE130CMJE223JSPTX6F11	VS_SHO_SUCCRLRECFGIUR_TX	NUMBER	[B67109412] C67179106
YTGYGGJ0HIBFDRR3JLYEWH20HD	VS_SHO_SUCCRLSETUPIUR_TX	NUMBER	[B67109412] C67179090
UB2WGN6IYY2AHDHA0035XKCUC6	VS_ABREL_CS_AMR_IURL	NUMBER	[B67109411] C67191859
UB2WGNBIYY2AHDHA0035XKCUC6	VS_ABREL_CS_CONV_RB_64_IURL	NUMBER	[B67109411] C67191860
UB2WGNFIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_0_32_IURL	NUMBER	[B67109411] C67191861
UB2WGNJIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_144_384_IURL	NUMBER	[B67109411] C67191864
UB2WGNNIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_32_64_IURL	NUMBER	[B67109411] C67191862
UB2WGNRIYY2AHDHA0035XKCUC6	VS_ABREL_PS_BE_RB_64_144_IURL	NUMBER	[B67109411] C67191863
UB2WGNVIYY2AHDHA0035XKCUC6	VS_ABREL_PS_CCH_IURL	NUMBER	[B67109411] C67191865
UB2WH5XIYY2AHDHA0035XKCUC6	VS_NORREL_CS_AMR_IURL	NUMBER	[B67109411] C67191858
UB2WH62IYY2AHDHA0035XKCUC6	VS_NORREL_CS_AMR_UL_IUR	NUMBER	[B67109411] C67191851

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UB2WH66IYY2AHDHA0035XKCUC6	VS_NORREL_CSCONV_64_IUR	NUMBER	[B67109411] C67191845
UB2WH6DIYY2AHDHA0035XKCUC6	VS_NORREL_CSCONV_64_UL_IUR	NUMBER	[B67109411] C67191852
UB2WH6HIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_0_32_IUR	NUMBER	[B67109411] C67191846
UB2WH6LIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_0_32_UL_IUR	NUMBER	[B67109411] C67191853
UH2KKMBIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_144_384_IUR	NUMBER	[B67109411] C67191849
UH2KKMFIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_144_384_UL_IUR	NUMBER	[B67109411] C67191856
UH2KKMJIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_32_64_IUR	NUMBER	[B67109411] C67191847
UH2KKMNIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_32_64_UL_IUR	NUMBER	[B67109411] C67191854
UH2KKMRIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_64_144_IUR	NUMBER	[B67109411] C67191848
UH2KKMVIYY2AHDHA0035XKCUC6	VS_NORREL_PS_BE_64_144_UL_IUR	NUMBER	[B67109411] C67191855
UH2KKN0IYY2AHDHA0035XKCUC6	VS_NORREL_PS_CCH_IURL	NUMBER	[B67109411] C67191850
UH2KKN4IYY2AHDHA0035XKCUC6	VS_NORREL_PS_CCH_USREL_IURL	NUMBER	[B67109411] C67191857
XLSNXTNLUI2AIDKRB02OFAWJHK	NORM_REL_HSPA_CS_CONV_IURLINK	NUMBER	[B67109411] C67196206
XLSNXTPLUI2AIDKRB02OFAWJHK	ABN_REL_HSPA_CS_CONV_IURLINK	NUMBER	[B67109411] C67196207

7.25.3 HUA_IUR_INTERFACE_SRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109411] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
Y4HJBGI5LCCRDRKYPQMRUQYQSX	VS_IUR_ATTCOMTRACHRESSRNC	NUMBER	[B67109411] C67179057
YD3AYFJCCWB2CU04X1LKFYJUBO	VS_IUR_ATTRELCOTRCHRESSRNC	NUMBER	[B67109411] C67179060
V0OGLAVFWSCA1BLEU6GDE0EQYG	VS_IUR_FAILCTCRSRNC_NOTSUPP	NUMBER	[B67109411] C67179059
Y5WJOY2MYFBAEEPS5KGPS02DXF	VS_IUR_SHO_ATT	NUMBER	[B67109411] C67179061
RVPYDN4QI6BNRSFEUCT3HJ65MT	VS_IUR_SHO_SUCC	NUMBER	[B67109411] C67179062
RHH4221ORDCSVEOAFNSMTQ3SG2	VS_IUR_SUCCCOMTRACHRESSRNC	NUMBER	[B67109411] C67179058
UV2TTDVH6DBC2EFLE6ALXNOWJG	VS_SHO_ATTRLADDIUR_TX	NUMBER	[B67109411] C67179035
R0BREG6K2DBIUDJ4HSXIHAHGKS	VS_SHO_ATTRLDELIUR_TX	NUMBER	[B67109411] C67179032
RDV4WGQHGRBQARRTIVH4CCDITH	VS_SHO_ATTRLRECFGIUR_TX	NUMBER	[B67109411] C67179042
Y4E3WQ3OBIBIPCTACULDDHHUI0	VS_SHO_ATTRLSETUPIUR_TX	NUMBER	[B67109411] C67179025
YIVKF30FRXCJ5TMQQL5PQIPKEX	VS_SHO_CANCELRLRECFGIUR_RX	NUMBER	[B67109411] C67179050
VTX61M6IRSBTQDUVPMQEP6G0N1	VS_SHO_FAILRLADDIUR_CFGUNSRX	NUMBER	[B67109411] C67179040
T3G0PH4LGHBQEU6AO3WHE6H5CS	VS_SHO_FAILRLADDIUR_CONG_RX	NUMBER	[B67109411] C67179039
XPDHKJGSODBE5DA3P1616G61NA	VS_SHO_FAILRLADDIUR_HW_RX	NUMBER	[B67109411] C67179038
SRECSRTUVJBOWUMQT2R2LLUOGH	VS_SHO_FAILRLADDIUR_OM_RX	NUMBER	[B67109411] C67179037
RLKDD6BOTUBNQUYSVPJD	VS_SHO_FAILRLDELIU	NUMBER	[B67109411] C67179034

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NKR5GQ	R_NRPLY_RX		
W315MYSHBRC1RTWWTWNGYE34TR	VS_SHO_FAILRLRECFGIUR_CFGURX	NUMBER	[B67109411] C67179047
YRLJ04IMCMBVFSDVQO25WAS0TB	VS_SHO_FAILRLRECFGIUR_CONGRX	NUMBER	[B67109411] C67179046
Y50GQ5KP3MBHHCAFG6N0B4THQY	VS_SHO_FAILRLRECFGIUR_HW_RX	NUMBER	[B67109411] C67179045
XRQSS5KEADBTJBCVWGG1TDCII6	VS_SHO_FAILRLRECFGIUR_NRPLYR	NUMBER	[B67109411] C67179048
U06F3VGK4UCMSCB14PVG6M5MBN	VS_SHO_FAILRLRECFGIUR_OM_RX	NUMBER	[B67109411] C67179044
UADH1XOKTJCLPCN1T5O3B0652E	VS_SHO_FAILRLSETUPIUR_CFGURX	NUMBER	[B67109411] C67179030
VCWGVRBBO2CHABXHIDA40K25CG	VS_SHO_FAILRLSETUPIUR_CONGRX	NUMBER	[B67109411] C67179029
WCACVAHRCQBT1TBQ1JA6SPIY2L	VS_SHO_FAILRLSETUPIUR_HW_RX	NUMBER	[B67109411] C67179028
WQ6QFPNUDJB4URLB2D3B3YFD2Y	VS_SHO_FAILRLSETUPIUR_OM_RX	NUMBER	[B67109411] C67179027
VEJBY31XF6CGTUU0HMCBIWHVED	VS_SHO_RLFAILIUR_CFGUNSUP_RX	NUMBER	[B67109411] C67179055
VGCTVX4VFAC0CCSTTPC50HGUCY	VS_SHO_RLFAILIUR_HW_RX	NUMBER	[B67109411] C67179053
ROGA5VLYL2BPBDA1MEIMMXKXD3	VS_SHO_RLFAILIUR_OM_RX	NUMBER	[B67109411] C67179052
XKHI0RJYQKCSYDLJ5X4D5MNHRV	VS_SHO_RLFAILIUR_RX	NUMBER	[B67109411] C67179051
RCV2WG16VLB0LT5XFSBJK6V3C2	VS_SHO_RLFAILIUR_SYNCFAIL_RX	NUMBER	[B67109411] C67179054
TL2CETTXI6B3WEAEQ2K0EGQGBN	VS_SHO_RLRESTOREIUR_RX	NUMBER	[B67109411] C67179056
U6QRHNQG0FCK3UOFWOCLKJK41P	VS_SHO_SUCCRLADDIUR_RX	NUMBER	[B67109411] C67179036
UANXCE2BS6CX0BVDOGAXD56NJ5	VS_SHO_SUCCRLDELIUR_RX	NUMBER	[B67109411] C67179033

SBKKCR4S2FBWTUEAHUT1RHANHL	VS_SHO_SUCCRLRECFGIUR_RX	NUMBER	[B67109411] C67179043
TM3XXUGV4SB43B0C0H6QT1TAAE	VS_SHO_SUCCRLSETUPIUR_RX	NUMBER	[B67109411] C67179026
YEARQ1NUPW2AHRHR0035XVPKR0	B67109411_C67192577	NUMBER	[B67109411] C67192577
YEARQ1PUPW2AHRHR0035XVPKR0	B67109411_C67192578	NUMBER	[B67109411] C67192578

7.25.4 HUA_IUR_INTERFACE_TRAF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109410] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XDEERQB3C2BHUEOGMIFRRNHJYV	VS_MAC_DRNCIURBYTESDCH_RX	NUMBER	[B67109410] C67199506
XIJJH0SBNCB3SEJVALT0XGULIH	VS_MAC_DRNCIURBYTESDCH_TX	NUMBER	[B67109410] C67199505
YAGFAN0DMUC4HTIPKMN21A5LL5	VS_MAC_SRNCIURBYTESCSCONV_RX	NUMBER	[B67109410] C67199489
XAQXJJOWXDCIRCKDDGPGOBHDJH	VS_MAC_SRNCIURBYTESCSCONV_TX	NUMBER	[B67109410] C67199493
UBB2G5JSQNC5JR6O4HCYV0WAWP	VS_MAC_SRNCIURBYTESCSSTR_RX	NUMBER	[B67109410] C67199490
Y0AIJ4HGJWBBYU3TP2EETRUXE6	VS_MAC_SRNCIURBYTESCSSTR_TX	NUMBER	[B67109410] C67199494
W3OIEFTFTWC1BED41FULRQQMCW	VS_MAC_SRNCIURBYTESPSBKG_RX	NUMBER	[B67109410] C67199500
S0U6SJJEERBS0UJEKV3JAF	VS_MAC_SRNCIURBY	NUMBER	[B67109410] C67199504

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EBAE	TESPSBKG_TX		
XVWENIRI40BGADSXIMW5IJ42HI	VS_MAC_SRNCIURBYTESPSCONV_RX	NUMBER	[B67109410] C67199497
YP4YW0BB0XCXEEWK2JWRP4CLMO	VS_MAC_SRNCIURBYTESPSCONV_TX	NUMBER	[B67109410] C67199501
YMVC45IPHTBNHEQN4O4JXN5USU	VS_MAC_SRNCIURBYTESPSINT_RX	NUMBER	[B67109410] C67199499
WEMAQWOUX1CTPREK2VAL24JSAT	VS_MAC_SRNCIURBYTESPSINT_TX	NUMBER	[B67109410] C67199503
TX3RN1AKIFBLKCI4XUOP3V52VT	VS_MAC_SRNCIURBYTESPSSTR_RX	NUMBER	[B67109410] C67199498
XMMHEOB0RSB0MEIR1CF13AJLDI	VS_MAC_SRNCIURBYTESPSSTR_TX	NUMBER	[B67109410] C67199502
TCPLHI60OICCPES5LPR1GWINOD	VS_MAC_SRNCIURBYTESSIG_RX	NUMBER	[B67109410] C67199487
S0IUECUMTUCQPTHPR51DNT3EFX	VS_MAC_SRNCIURBYTESSIG_TX	NUMBER	[B67109410] C67199488

7.25.5 HUA_SCCP_CONNECTION_IUR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109536] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ66UPW2AHRHR0035XVPKR0	B67109536_C67195053	NUMBER	[B67109536] C67195053
YEARQ6BUPW2AHRHR0035XVPKR0	B67109536_C67195054	NUMBER	[B67109536] C67195054
YEARQ6DUPW2AHRHR0035XVPKR0	B67109536_C67195055	NUMBER	[B67109536] C67195055
YEARQ6FUPW2AHRHR0035XVPKR0	B67109536_C67195056	NUMBER	[B67109536] C67195056

7.25.6 HUA_SRNCCALLDROPDIFF_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
IUR_ID		VARCHAR2(50)	[B67109411] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ1RUPW2AHRHR0035XVPKR0	B67109411_C67194987	NUMBER	[B67109411] C67194987
YEARQ1TUPW2AHRHR0035XVPKR0	B67109411_C67194988	NUMBER	[B67109411] C67194988
YEARQ1VUPW2AHRHR0035XVPKR0	B67109411_C67194989	NUMBER	[B67109411] C67194989
YEARQ1XUPW2AHRHR0035XVPKR0	B67109411_C67194990	NUMBER	[B67109411] C67194990
YEARQ20UPW2AHRHR0035XVPKR0	B67109411_C67194991	NUMBER	[B67109411] C67194991
YEARQ22UPW2AHRHR0035XVPKR0	B67109411_C67194992DIFF	NUMBER	[B67109411] C67194992
YEARQ24UPW2AHRHR0035XVPKR0	B67109411_C67194993DIFF	NUMBER	[B67109411] C67194993
YEARQ26UPW2AHRHR0035XVPKR0	B67109411_C67194994DIFF	NUMBER	[B67109411] C67194994
YEARQ2BUPW2AHRHR0035XVPKR0	B67109411_C67194995DIFF	NUMBER	[B67109411] C67194995
YEARQ2DUPW2AHRHR0035XVPKR0	B67109411_C67194996DIFF	NUMBER	[B67109411] C67194996
YEARQ2FUPW2AHRHR0035XVPKR0	B67109411_C67194997	NUMBER	[B67109411] C67194997
YEARQ2HUPW2AHRHR0035XVPKR0	B67109411_C67194998	NUMBER	[B67109411] C67194998
YEARQ2JUPW2AHRHR0035	B67109411_C67194999	NUMBER	[B67109411] C67194999

XVPKR0			
YEARQ2LUPW2AHRHR003 5XVPKR0	B67109411_C67195000	NUMBER	[B67109411] C67195000
YEARQ2NUPW2AHRHR003 5XVPKR0	B67109411_C67195001	NUMBER	[B67109411] C67195001

7.26 Raw Local_Cell Tables

7.26.1 HUA_LC_CPCMEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHA R2(50)	[B50331653] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYH6LUI2AIDKRB02O FAWJHK	VS_CPC_DTXCFG_US ERNUM	NUMBER	[B50331653] C50331748
XLSNYHBLUI2AIDKRB02O FAWJHK	VS_CPC_DTXACT_US ERNUM	NUMBER	[B50331653] C50331749
XLSNYHDLUI2AIDKRB02O FAWJHK	VS_CPC_DRXCFG_US ERNUM	NUMBER	[B50331653] C50331750
XLSNYHFLUI2AIDKRB02O FAWJHK	VS_CPC_DRXACT_US ERNUM	NUMBER	[B50331653] C50331751
XLSNYHHLUI2AIDKRB02O FAWJHK	VS_CPC_LESOPCFG_ SCEDULEDNUM	NUMBER	[B50331653] C50331752
XLSNYHJLUI2AIDKRB02O FAWJHK	VS_CPC_LESOPCFG_ LESMODENUM	NUMBER	[B50331653] C50331753

7.26.2 HUA_LC_HSDPA_CI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHA R2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

XLSNYGPLUI2AIDKRB02OFAWJHK	VS_PDSCHCODEUSED_MEAN	FLOAT	[B50331648] C50341688
XLSNYGRLUI2AIDKRB02OFAWJHK	VS_PDSCHCODEUSED_MAX	FLOAT	[B50331648] C50341689
XLSNYGTLUI2AIDKRB02OFAWJHK	VS_PDSCHCODEAVAIL_MEAN	FLOAT	[B50331648] C50341690
XLSNYGVLUI2AIDKRB02OFAWJHK	VS_PDSCHCODEAVAIL_MAX	FLOAT	[B50331648] C50341691
UUO23LBILK2AHDH6B035XKCUC6	VS_SCCHCODEUTIL_MEAN	NUMBER	[B50331648] C50341648
UUO23LDILK2AHDH6B035XKCUC6	VS_SCCHCODEUTIL_MAX	NUMBER	[B50331648] C50341649
UUO23LFILK2AHDH6B035XKCUC6	VS_SCCHCODEUTIL_MIN	NUMBER	[B50331648] C50341650
UUO23LHILK2AHDH6B035XKCUC6	VS_PDSCHCODEUTIL_MEAN	NUMBER	[B50331648] C50341651
UUO23LJILK2AHDH6B035XKCUC6	VS_PDSCHCODEUTIL_MAX	NUMBER	[B50331648] C50341652
UUO23LLILK2AHDH6B035XKCUC6	VS_PDSCHCODEUTIL_MIN	NUMBER	[B50331648] C50341653
UUO23LNILK2AHDH6B035XKCUC6	VS_SCCHCODEUTIL_MEAN_USER	NUMBER	[B50331648] C50341654
UUO23LPILK2AHDH6B035XKCUC6	VS_SCCHCODEUTIL_MEAN_DATA	NUMBER	[B50331648] C50341655
UUO23LRILK2AHDH6B035XKCUC6	VS_PDSCHCODEUTIL_MEAN_USER	NUMBER	[B50331648] C50341656
UUO23LTILK2AHDH6B035XKCUC6	VS_PDSCHCODEUTIL_MEAN_DATA	NUMBER	[B50331648] C50341657

7.26.3 HUA_LC_HSDPA_CQI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

LOCAL_CELL_ID		VARCHAR2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23MTILK2AHDH6B035XKCUC6	VS_CQI_0	NUMBER	[B50331648] C50331669
UUO23MVILK2AHDH6B035XKCUC6	VS_CQI_1	NUMBER	[B50331648] C50331670
UUO23MXILK2AHDH6B035XKCUC6	VS_CQI_2	NUMBER	[B50331648] C50331671
UUO23N0ILK2AHDH6B035XKCUC6	VS_CQI_3	NUMBER	[B50331648] C50331672
UUO23N2ILK2AHDH6B035XKCUC6	VS_CQI_4	NUMBER	[B50331648] C50331673
UUO23N4ILK2AHDH6B035XKCUC6	VS_CQI_5	NUMBER	[B50331648] C50331674
UUO23N6ILK2AHDH6B035XKCUC6	VS_CQI_6	NUMBER	[B50331648] C50331675
UUO23NBILK2AHDH6B035XKCUC6	VS_CQI_7	NUMBER	[B50331648] C50331676
UUO23NDILK2AHDH6B035XKCUC6	VS_CQI_8	NUMBER	[B50331648] C50331677
UUO23NFILK2AHDH6B035XKCUC6	VS_CQI_9	NUMBER	[B50331648] C50331678
UUO23NHILK2AHDH6B035XKCUC6	VS_CQI_10	NUMBER	[B50331648] C50331679
UUO23NJILK2AHDH6B035XKCUC6	VS_CQI_11	NUMBER	[B50331648] C50331680
UUO23NLILK2AHDH6B035XKCUC6	VS_CQI_12	NUMBER	[B50331648] C50331681
UUO23NNILK2AHDH6B035XKCUC6	VS_CQI_13	NUMBER	[B50331648] C50331682
UUO23NPILK2AHDH6B035XKCUC6	VS_CQI_14	NUMBER	[B50331648] C50331683
UUO23NRILK2AHDH6B035	VS_CQI_15	NUMBER	[B50331648] C50331684

XKCUC6			
UUO23NTILK2AHDH6B035 XKCUC6	VS_CQI_16	NUMBER	[B50331648] C50331685
UUO23NVILK2AHDH6B035 XKCUC6	VS_CQI_17	NUMBER	[B50331648] C50331686
UUO23NXILK2AHDH6B035 XKCUC6	VS_CQI_18	NUMBER	[B50331648] C50331687
UUO23O0ILK2AHDH6B035 XKCUC6	VS_CQI_19	NUMBER	[B50331648] C50331688
UUO23O2ILK2AHDH6B035 XKCUC6	VS_CQI_20	NUMBER	[B50331648] C50331689
UUO23O4ILK2AHDH6B035 XKCUC6	VS_CQI_21	NUMBER	[B50331648] C50331690
UUO23O6ILK2AHDH6B035 XKCUC6	VS_CQI_22	NUMBER	[B50331648] C50331691
UUO23OBILK2AHDH6B035 XKCUC6	VS_CQI_23	NUMBER	[B50331648] C50331692
UUO23ODILK2AHDH6B035 XKCUC6	VS_CQI_24	NUMBER	[B50331648] C50331693
UUO23OFILK2AHDH6B035 XKCUC6	VS_CQI_25	NUMBER	[B50331648] C50331694
UUO23OHILK2AHDH6B035 XKCUC6	VS_CQI_26	NUMBER	[B50331648] C50331695
UUO23OJILK2AHDH6B035 XKCUC6	VS_CQI_27	NUMBER	[B50331648] C50331696
UUO23OLILK2AHDH6B035 XKCUC6	VS_CQI_28	NUMBER	[B50331648] C50331697
UUO23ONILK2AHDH6B035 XKCUC6	VS_CQI_29	NUMBER	[B50331648] C50331698
UUO23OPILK2AHDH6B035 XKCUC6	VS_CQI_30	NUMBER	[B50331648] C50331699

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7.26.4 HUA_LC_HSDPA_DATA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23PFILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_MEAN	NUMBER	[B50331648] C50341668
UUO23PHILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_MAX	NUMBER	[B50331648] C50341669
UUO23PJILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_MIN	NUMBER	[B50331648] C50341670
UUO23PLILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_USER	NUMBER	[B50331648] C50341671
UUO23PNILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_USERDATA	NUMBER	[B50331648] C50341672
UUO23PPILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_RAB	NUMBER	[B50331648] C50341673
UUO23PRILK2AHDH6B035XKCUC6	VS_DATAOUTPUT_RABDATA	NUMBER	[B50331648] C50341674
UUO23QHILK2AHDH6B035XKCUC6	VS_DATADISCARDRATIO_MEAN	NUMBER	[B50331648] C50341685
UUO23QJILK2AHDH6B035XKCUC6	VS_DATADISCARDRATIO_MAX	NUMBER	[B50331648] C50341686
UUO23QLILK2AHDH6B035XKCUC6	VS_DATADISCARDRATIO_MIN	NUMBER	[B50331648] C50341687

7.26.5 HUA_LC_HSDPA_MEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

XLSNYGXLUI2AIDKRB02OFAWJHK	VS_64QAMCFG_ACTEDNUM	NUMBER	[B50331648] C50331709
XLSNYH0LUI2AIDKRB02OFAWJHK	VS_64QAMCFG_SCHEDULEDNUM	NUMBER	[B50331648] C50331710
XLSNYH2LUI2AIDKRB02OFAWJHK	VS_MIMOCFG_ACTEDNUM	NUMBER	[B50331648] C50331711
XLSNYH4LUI2AIDKRB02OFAWJHK	VS_MIMOCFG_SCHEDULEDNUM	NUMBER	[B50331648] C50331712
UUO23LVILK2AHDH6B035XKCUC6	VS_ACKTOTAL	NUMBER	[B50331648] C50331654
UUO23LXILK2AHDH6B035XKCUC6	VS_NACKTOTAL	NUMBER	[B50331648] C50331655
UUO23M0ILK2AHDH6B035XKCUC6	VS_DTXTOTAL	NUMBER	[B50331648] C50331656
UUO23M2ILK2AHDH6B035XKCUC6	VS_ACKFIRST	NUMBER	[B50331648] C50331657
UUO23M4ILK2AHDH6B035XKCUC6	VS_ACKRETRANS_1	NUMBER	[B50331648] C50331658
UUO23M6ILK2AHDH6B035XKCUC6	VS_ACKRETRANS_2	NUMBER	[B50331648] C50331659
UUO23MBILK2AHDH6B035XKCUC6	VS_ACKRETRANS_3	NUMBER	[B50331648] C50331660
UUO23MDILK2AHDH6B035XKCUC6	VS_ACKRETRANS_4	NUMBER	[B50331648] C50331661
UUO23MFILK2AHDH6B035XKCUC6	VS_ACKRETRANS_5	NUMBER	[B50331648] C50331662
UUO23MHILK2AHDH6B035XKCUC6	VS_ACKRETRANS_6	NUMBER	[B50331648] C50331663
UUO23MJILK2AHDH6B035XKCUC6	VS_ACKRETRANS_7	NUMBER	[B50331648] C50331664
UUO23MLILK2AHDH6B035XKCUC6	VS_ACKRETRANS_8	NUMBER	[B50331648] C50331665

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UUO23MNILK2AHDH6B035XKCUC6	VS_ACKRETRANS_9	NUMBER	[B50331648] C50331666
UUO23MPILK2AHDH6B035XKCUC6	VS_ACKRETRANS_10	NUMBER	[B50331648] C50331667
UUO23MRILK2AHDH6B035XKCUC6	VS_ACKREMAIN	NUMBER	[B50331648] C50331668
UUO23ORILK2AHDH6B035XKCUC6	VS_USERTTIRATIO_MEAN	NUMBER	[B50331648] C50341658
UUO23OTILK2AHDH6B035XKCUC6	VS_DATATTIRATIO_MEAN	NUMBER	[B50331648] C50341659

7.26.6 HUA_LC_HSDPA_POWER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23PTILK2AHDH6B035XKCUC6	VS_SCCHPWRRATIO_MEAN	NUMBER	[B50331648] C50341675
UUO23PVILK2AHDH6B035XKCUC6	VS_SCCHPWRRATIO_MAX	NUMBER	[B50331648] C50341676
UUO23PXILK2AHDH6B035XKCUC6	VS_SCCHPWRRATIO_MIN	NUMBER	[B50331648] C50341677
UUO23Q0ILK2AHDH6B035XKCUC6	VS_PDSCHPWRRATIO_MEAN	NUMBER	[B50331648] C50341678
UUO23Q2ILK2AHDH6B035XKCUC6	VS_PDSCHPWRRATIO_MAX	NUMBER	[B50331648] C50341679
UUO23Q4ILK2AHDH6B035XKCUC6	VS_PDSCHPWRRATIO_MIN	NUMBER	[B50331648] C50341680
UUO23Q6ILK2AHDH6B035XKCUC6	VS_SCCHPWRRATIO_USER	NUMBER	[B50331648] C50341681
UUO23QBILK2AHDH6B035XKCUC6	VS_PDSCHPWRRATIO_USER	NUMBER	[B50331648] C50341682
UUO23QDILK2AHDH6B035	VS_SCCHPWRRATIO_	NUMBER	[B50331648] C50341683

XKCUC6	USERDATA		
UUO23QFILK2AHDH6B035 XKCUC6	VS_PDSCHPWRRATIO _DATA	NUMBER	[B50331648] C50341684

7.26.7 HUA_LC_HSDPA_RAB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHA R2(50)	[B50331648] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23OVILK2AHDH6B035 XKCUC6	VS_RABNUM_MEAN	NUMBER	[B50331648] C50341660
UUO23OXILK2AHDH6B035 XKCUC6	VS_RABNUM_MAX	NUMBER	[B50331648] C50341661
UUO23P0ILK2AHDH6B035 XKCUC6	VS_RABNUM_MIN	NUMBER	[B50331648] C50341662
UUO23P2ILK2AHDH6B035 XKCUC6	VS_DATARABNUM_ MEAN	NUMBER	[B50331648] C50341663
UUO23P4ILK2AHDH6B035 XKCUC6	VS_DATARABNUM_ MAX	NUMBER	[B50331648] C50341664
UUO23P6ILK2AHDH6B035 XKCUC6	VS_DATARABNUM_ MIN	NUMBER	[B50331648] C50341665
UUO23PBILK2AHDH6B035 XKCUC6	VS_RABNUMAVE_US ER	NUMBER	[B50331648] C50341666
UUO23PDILK2AHDH6B035 XKCUC6	VS_RABNUMAVE_US ERDATA	NUMBER	[B50331648] C50341667

7.26.8 HUA_LC_HSUPA_DATA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHA	[B50331651] NodeB_Id & "/"

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		R2(50)	& Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKTLIYY2AHDHA0035XKCUC6	VS_HSUPA_DATATTINUM	NUMBER	[B50331651] C50331879
UH2KKTNIYY2AHDHA0035XKCUC6	VS_HSUPA_DATAUSERNUM_MAX	NUMBER	[B50331651] C50341851
UH2KKTPIYY2AHDHA0035XKCUC6	VS_HSUPA_DATAUSERNUM_MEAN	NUMBER	[B50331651] C50341850
UFJTSWQ02X2AHSR1B035YIJPVO	VS_HSUPA_THRUPUT	NUMBER	[B50331651] C50332551
UFJTSWS02X2AHSR1B035YIJPVO	VS_HSUPA_MEANBITRATE	NUMBER	[B50331651] C50342552
UFJTSWU02X2AHSR1B035YIJPVO	VS_HSUPA_MEANBITRATE_WITHDATA	NUMBER	[B50331651] C50342553

7.26.9 HUA_LC_HSUPA_LOAD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331651] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKTTIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_0	NUMBER	[B50331651] C50331850
UH2KKTVIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_1	NUMBER	[B50331651] C50331851
UH2KKTXIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_10	NUMBER	[B50331651] C50331860
UH2KKU0IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_11	NUMBER	[B50331651] C50331861
UH2KKU2IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_12	NUMBER	[B50331651] C50331862
UH2KKU4IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_13	NUMBER	[B50331651] C50331863

UH2KKU6IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_14	NUMBER	[B50331651] C50331864
UH2KKUBIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_15	NUMBER	[B50331651] C50331865
UH2KKUDIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_16	NUMBER	[B50331651] C50331866
UH2KKUFIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_17	NUMBER	[B50331651] C50331867
UH2KKUHIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_18	NUMBER	[B50331651] C50331868
UH2KKUJIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_19	NUMBER	[B50331651] C50331869
UH2KKULIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_2	NUMBER	[B50331651] C50331852
UH2KKUNIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_20	NUMBER	[B50331651] C50331870
UH2KKUPIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_21	NUMBER	[B50331651] C50331871
UH2KKURIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_22	NUMBER	[B50331651] C50331872
UH2KKUTIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_23	NUMBER	[B50331651] C50331873
UH2KKUVIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_24	NUMBER	[B50331651] C50331874
UH2KKUXIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_25	NUMBER	[B50331651] C50331875
UH2KKV0IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_3	NUMBER	[B50331651] C50331853
UH2KKV2IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_4	NUMBER	[B50331651] C50331854
UH2KKV4IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_5	NUMBER	[B50331651] C50331855

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UH2KKV6IYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_6	NUMBER	[B50331651] C50331856
UH2KKVBIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_7	NUMBER	[B50331651] C50331857
UH2KKVDIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_8	NUMBER	[B50331651] C50331858
UH2KKVFIYY2AHDHA0035XKCUC6	VS_HSUPA_LOADOUTPUT_9	NUMBER	[B50331651] C50331859

7.26.10HUA_LC_HSUPA_MEAS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331650] NodeB_Id & "/" & Local_Cell_Id [B50331651] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKTHIYY2AHDHA0035XKCUC6	VS_DLCE_MAX	NUMBER	[B50331650] C50342549
UH2KKTJIYY2AHDHA0035XKCUC6	VS_DLCE_MEAN	NUMBER	[B50331650] C50332549
UH2KKVJIYY2AHDHA0035XKCUC6	VS_HSUPA_OVERLOADNUM	NUMBER	[B50331651] C50331876
UH2KKVLIYY2AHDHA0035XKCUC6	VS_HSUPA_SCHEDULEUSERNUM_MAX	NUMBER	[B50331651] C50341853
UH2KKVNIYY2AHDHA0035XKCUC6	VS_HSUPA_SCHEDULEUSERNUM_MEAN	NUMBER	[B50331651] C50341852
UH2KKVPIYY2AHDHA0035XKCUC6	VS_HSUPA_UNHAPPYUSERNUM	NUMBER	[B50331651] C50331877
UH2KKVRIYY2AHDHA0035XKCUC6	VS_HSUPA_UNHAPPYUSERNUMRATIO	NUMBER	[B50331651] C50341849
UH2KKVTIYY2AHDHA0035XKCUC6	VS_HSUPA_USERTTINUM	NUMBER	[B50331651] C50331878
UH2KKVVIYY2AHDHA003	VS_ULCE_MAX	NUMBER	[B50331650] C50342548

5XKCUC6			
UH2KKVXIYY2AHDHA003 5XKCUC6	VS_ULCE_MEAN	NUMBER	[B50331650] C50332548

7.26.11HUA_LC_HSUPA_POWER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331651] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKTRIYY2AHDHA0035 XKCUC6	VS_HSUPA_LEFTPWRLMTUSERRATIO	NUMBER	[B50331651] C50341855
UH2KKVHIYY2AHDHA003 5XKCUC6	VS_HSUPA_MAXPWRLMTUSERRATIO	NUMBER	[B50331651] C50341854

7.26.12HUA_TRAFFMEASURELOCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOCAL_CELL_ID		VARCHAR2(50)	[B50331650] NodeB_Id & "/" & Local_Cell_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UFJTSWA02X2AHSR1B03 5YIJPVO	VS_ULCE_MEAN_DEDICATED	NUMBER	[B50331650] C50332548
UFJTSWC02X2AHSR1B03 5YIJPVO	VS_ULCE_MAX_DEDICATED	NUMBER	[B50331650] C50342548
UFJTSWE02X2AHSR1B03 5YIJPVO	VS_DLCE_MEAN_DEDICATED	NUMBER	[B50331650] C50332549
UFJTSWG02X2AHSR1B03 5YIJPVO	VS_DLCE_MAX_DEDICATED	NUMBER	[B50331650] C50342549

UFJTSWI02X2AHSR1B035YIJPVO	VS_ULCE_MEAN_SHARED	NUMBER	[B50331650] C50332550
UFJTSWK02X2AHSR1B035YIJPVO	VS_ULCE_MAX_SHARED	NUMBER	[B50331650] C50342550
UFJTSWM02X2AHSR1B035YIJPVO	VS_DLCE_MEAN_SHARED	NUMBER	[B50331650] C50332554
UFJTSWO02X2AHSR1B035YIJPVO	VS_DLCE_MAX_SHARED	NUMBER	[B50331650] C50342554

7.27 Raw Logic_Port Tables

7.27.1 HUA_LGCPORT_TRAFFIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOGIC_PORT_ID		VARCHAR2(100)	[B67109524] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYBFLUI2AIDKRB02OFAWJHK	VS_LGCPRT_ALLOCED_MAX_FWD	FLOAT	[B67109524] C67195958
XLSNYBHLUI2AIDKRB02OFAWJHK	VS_LGCPRT_ALLOCED_MAX_BWD	FLOAT	[B67109524] C67195959
XLSNYBJLUI2AIDKRB02OFAWJHK	VS_LGCPRT_FWD_CONG	NUMBER	[B67109524] C67195960
XLSNYBLLUI2AIDKRB02OFAWJHK	VS_LGCPRT_FWD_CONG_DUR	NUMBER	[B67109524] C67195961
XLSNYBNLUI2AIDKRB02OFAWJHK	VS_LGCPRT_BWD_CONG	NUMBER	[B67109524] C67195962
XLSNYBPLUI2AIDKRB02OFAWJHK	VS_LGCPRT_BWD_CONG_DUR	NUMBER	[B67109524] C67195963
XLSNYBRLUI2AIDKRB02OFAWJHK	VS_LGCPRT_ALLOCED_AVE_FWD	FLOAT	[B67109524] C67204783
XLSNYBTLUI2AIDKRB02OFAWJHK	VS_LGCPRT_ALLOCED_AVE_BWD	FLOAT	[B67109524] C67204784
SUIHNKTURP2AHRHR0035XVPKR0	B67109524_C67195360	NUMBER	[B67109524] C67195360

SUIHNKVURP2AHRHR0035XVPKR0	B67109524_C67195361	NUMBER	[B67109524] C67195361
SUIHNKXURP2AHRHR0035XVPKR0	B67109524_C67195362	NUMBER	[B67109524] C67195362
SUIHNL0URP2AHRHR0035XVPKR0	B67109524_C67195363	NUMBER	[B67109524] C67195363
SUIHNL2URP2AHRHR0035XVPKR0	B67109524_C67204684	FLOAT	[B67109524] C67204684
SUIHNL4URP2AHRHR0035XVPKR0	B67109524_C67204685	FLOAT	[B67109524] C67204685

7.27.2 HUA_LGCPORTQUEUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
LOGIC_PORT_ID		VARCHAR2(100)	[B67109541] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNL6URP2AHRHR0035XVPKR0	B67109541_C67195365	NUMBER	[B67109541] C67195365
SUIHNLBURP2AHRHR0035XVPKR0	B67109541_C67195366	NUMBER	[B67109541] C67195366
SUIHNLDURP2AHRHR0035XVPKR0	B67109541_C67195367	NUMBER	[B67109541] C67195367
SUIHNLFURP2AHRHR0035XVPKR0	B67109541_C67195368	NUMBER	[B67109541] C67195368
SUIHNLHURP2AHRHR0035XVPKR0	B67109541_C67204686	FLOAT	[B67109541] C67204686
SUIHNLJURP2AHRHR0035XVPKR0	B67109541_C67204687	FLOAT	[B67109541] C67204687

7.28 Raw M3UA_Dest Tables

7.28.1 HUA_M3UADE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
M3UA_DEST_ID		VARCHAR2(50)	[B67109484] RNC_Id & "/" & M3UA_Point_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ50UPW2AHRHR0035XVPKR0	B67109484_C67194647	NUMBER	[B67109484] C67194647
YEARQ52UPW2AHRHR0035XVPKR0	B67109484_C67194648	NUMBER	[B67109484] C67194648

7.29 Raw M3UA_Link Tables

7.29.1 HUA_M3UA_SIGNALLINGLINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
M3UA_LINK_ID		VARCHAR2(100)	[B67109482] RNC_Id & "/" & M3UA_Link_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ5BUPW2AHRHR0035XVPKR0	B67109482_C67194651	NUMBER	[B67109482] C67194651
YEARQ5DUPW2AHRHR0035XVPKR0	B67109482_C67194652	NUMBER	[B67109482] C67194652
YEARQ5FUPW2AHRHR0035XVPKR0	B67109482_C67194653	NUMBER	[B67109482] C67194653
YEARQ5HUPW2AHRHR0035XVPKR0	B67109482_C67194654	NUMBER	[B67109482] C67194654
YEARQ5JUPW2AHRHR0035XVPKR0	B67109482_C67194655	NUMBER	[B67109482] C67194655
YEARQ5LUPW2AHRHR0035XVPKR0	B67109482_C67194656	NUMBER	[B67109482] C67194656
YEARQ5NUPW2AHRHR003	B67109482_C6719465	NUMBER	[B67109482] C67194657

5XVPKR0	7		

7.30 Raw M3UA_LinkSet Tables

7.30.1 HUA_M3UASLS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
M3UA_LINKSET_ID		VARCHAR2(50)	[B67109483] RNC_Id & "/" & M3UA_LinkSet_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ54UPW2AHRHR0035XVPKR0	B67109483_C67194649	NUMBER	[B67109483] C67194649
YEARQ56UPW2AHRHR0035XVPKR0	B67109483_C67194650	NUMBER	[B67109483] C67194650

7.31 Raw MLPPP Tables

7.31.1 HUA_MLPPP_MLPPP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MLPPP_ID		VARCHAR2(100)	[B67109490] RNC_Id & "/" & MLPPP_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TGNKUS2SEN2AHRHQJ035XVPKR0	VS_MLPPP_BYTESRXTOTAL	NUMBER	[B67109490] C67194404
TGNKUS4SEN2AHRHQJ035XVPKR0	VS_MLPPP_BYTESTXTOTAL	NUMBER	[B67109490] C67194403
TGNKUSFSEN2AHRHQJ035XVPKR0	VS_MLPPP_TXDROPPEDPKTS	NUMBER	[B67109490] C67194405

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TGNKUTLSEN2AHRHQJ035XVPKR0	VS_MLPPP_RXMEANSPEED	FLOAT	[B67109490] C67194415
TGNKUTNSEN2AHRHQJ035XVPKR0	VS_MLPPP_TXMEANSPEED	FLOAT	[B67109490] C67194412
SUIHNGTURP2AHRHR0035XVPKR0	B67109490_C67194401	NUMBER	[B67109490] C67194401
SUIHNGVURP2AHRHR0035XVPKR0	B67109490_C67194402	NUMBER	[B67109490] C67194402
SUIHNGXURP2AHRHR0035XVPKR0	B67109490_C67194406	NUMBER	[B67109490] C67194406
SUIHNH0URP2AHRHR0035XVPKR0	B67109490_C67194407	NUMBER	[B67109490] C67194407
SUIHNH2URP2AHRHR0035XVPKR0	B67109490_C67194408	NUMBER	[B67109490] C67194408
SUIHNH4URP2AHRHR0035XVPKR0	B67109490_C67194409	NUMBER	[B67109490] C67194409
SUIHNH6URP2AHRHR0035XVPKR0	B67109490_C67194410	FLOAT	[B67109490] C67194410
SUIHNHBURP2AHRHR0035XVPKR0	B67109490_C67194411	FLOAT	[B67109490] C67194411
SUIHNHDURP2AHRHR0035XVPKR0	B67109490_C67194413	FLOAT	[B67109490] C67194413
SUIHNHFURP2AHRHR0035XVPKR0	B67109490_C67194414	FLOAT	[B67109490] C67194414
XLSNY6XLUI2AIDKRB02OFAWJHK	VS_MLPPP_ALLOCED_MAX_FWD	FLOAT	[B67109490] C67195948
XLSNYA0LUI2AIDKRB02OFAWJHK	VS_MLPPP_ALLOCED_MAX_BWD	FLOAT	[B67109490] C67195949
XLSNYA2LUI2AIDKRB02OFAWJHK	VS_MLPPP_FWD_CONG	NUMBER	[B67109490] C67195950
XLSNYA4LUI2AIDKRB02OFAWJHK	VS_MLPPP_FWD_CONG_DUR	NUMBER	[B67109490] C67195951
XLSNYA6LUI2AIDKRB02OFAWJHK	VS_MLPPP_BWD_CONG	NUMBER	[B67109490] C67195952
XLSNYABLUI2AIDKRB02O	VS_MLPPP_BWD_CON	NUMBER	[B67109490] C67195953

FAWJHK	G_DUR		
XLSNYADLUI2AIDKRB02OFAWJHK	VS_MLPPP_ALLOCED_AVE_FWD	FLOAT	[B67109490] C67204781
XLSNYAFLUI2AIDKRB02OFAWJHK	VS_MLPPP_ALLOCED_AVE_BWD	FLOAT	[B67109490] C67204782
UB2WH5HIYY2AHDHA0035XKCUC6	VS_MLPPP_MEANTHROUGHPUTKBPS_RX	FLOAT	[B67109512] C67203908
UB2WH5JIYY2AHDHA0035XKCUC6	VS_MLPPP_MEANTHROUGHPUTKBPS_TX	FLOAT	[B67109512] C67203909
UB2WH5LIYY2AHDHA0035XKCUC6	VS_MLPPP_PKTUNEXPECTEDRX	NUMBER	[B67109512] C67192404
UB2WH5NIYY2AHDHA0035XKCUC6	VS_MLPPP_RX_BYTES	NUMBER	[B67109512] C67192402
UB2WH5PIYY2AHDHA0035XKCUC6	VS_MLPPP_TX_BYTES	NUMBER	[B67109512] C67192403

7.31.2 HUA_MLPPP_QUEUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MLPPP_ID		VARCHAR2(100)	[B67109542] RNC_Id & "/" & MLPPP_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNHHURP2AHRHR0035XVPKR0	B67109542_C67195132	NUMBER	[B67109542] C67195132
SUIHNHJURP2AHRHR0035XVPKR0	B67109542_C67195133	NUMBER	[B67109542] C67195133
SUIHNHLURP2AHRHR0035XVPKR0	B67109542_C67195134	NUMBER	[B67109542] C67195134
SUIHNHNURP2AHRHR0035XVPKR0	B67109542_C67195135	NUMBER	[B67109542] C67195135

SUIHNHPURP2AHRHR0035XVPKR0	B67109542_C67204558	FLOAT	[B67109542] C67204558
SUIHNHRURP2AHRHR0035XVPKR0	B67109542_C67204559	FLOAT	[B67109542] C67204559

7.32 Raw MTP3_Link Tables

7.32.1 HUA_MTP3LINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3_LINK_ID		VARCHAR2(100)	[B67109551] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPWVGWN34H2AISPAB035Y0HF3V	OS_MTP3_LNK_RPOS	NUMBER	[B67109551] C67184091
RPWVGWP34H2AISPAB035Y0HF3V	OS_MTP3_LNK_RPO_DUR	NUMBER	[B67109551] C73403527
XLSNYEPLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_SERVICE_DUR	NUMBER	[B67109551] C67196165
XLSNYERLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_FAIL	NUMBER	[B67109551] C67196166
XLSNYETLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_FAIL_DUR	NUMBER	[B67109551] C67196167
XLSNYEVLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_CONG_DUR	NUMBER	[B67109551] C67196168
XLSNYEXLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_LOCALINHIBIT	NUMBER	[B67109551] C67196169
XLSNYF0LUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_LOCALINH_DUR	NUMBER	[B67109551] C67196170
XLSNYF2LUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_RMTINHIBIT	NUMBER	[B67109551] C67196171
XLSNYF4LUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_RMTINHIBIT_DUR	NUMBER	[B67109551] C67196172
XLSNYF6LUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_CHO	NUMBER	[B67109551] C67196173

XLSNYFBLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_TX_MSG	NUMBER	[B67109551] C67196174
XLSNYFDLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_RX_MSG	NUMBER	[B67109551] C67196175
XLSNYFFLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_CONG	NUMBER	[B67109551] C67196176
XLSNYFHLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_SIO_SIF_TX	NUMBER	[B67109551] C67196177
XLSNYFJLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_SIO_SIF_RX	NUMBER	[B67109551] C67196178
XLSNYFLLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_DISCARD_MSG_CONG	NUMBER	[B67109551] C67196179
XLSNYFNLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_RX_TFP	NUMBER	[B67109551] C67196180
XLSNYFPLUI2AIDKRB02OFAWJHK	MTP3_LNK_DISCARD_MSG_ROUTEFAIL	NUMBER	[B67109551] C67196181
XLSNYFRLUI2AIDKRB02OFAWJHK	OS_MTP3_LNK_RX_TFC	NUMBER	[B67109551] C67196182

7.33 Raw MTP3_LinkPoint Tables

7.33.1 HUA_MTP3DSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3_LINKPOINT_ID		VARCHAR2(50)	[B67109550] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYELLUI2AIDKRB02OFAWJHK	OS_MTP3_DSP_UNAVAIL	NUMBER	[B67109550] C67196163
XLSNYENLUI2AIDKRB02OFAWJHK	OS_MTP3_DSP_UNAVAIL_DUR	NUMBER	[B67109550] C67196164

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7.34 Raw MTP3_LinkSet Tables

7.34.1 HUA_MTP3LINKSET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3_LINKSET_ID		VARCHAR2(50)	[B67109552] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYFTLUI2AIDKRB02OFAWJHK	OS_MTP3_LNKSET_UNAVAIL	NUMBER	[B67109552] C67196183
XLSNYFVLUI2AIDKRB02OFAWJHK	OS_MTP3_LNKSET_UNAVAIL_DUR	NUMBER	[B67109552] C67196184

7.35 Raw MTP3B_Link Tables

7.35.1 HUA_MTP3BLINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3B_LINK_ID		VARCHAR2(100)	[B67109416] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY10LUI2AIDKRB02OFAWJHK	OS_MTP3B_LNK_DISCARD_MSG_CONG	NUMBER	[B67109416] C67196154
XLSNY12LUI2AIDKRB02OFAWJHK	OS_MTP3B_LNK_RX_TFP	NUMBER	[B67109416] C67196155
XLSNY14LUI2AIDKRB02OFAWJHK	MTP3B_LNK_DISC_MSG_ROUTEFAIL	NUMBER	[B67109416] C67196156
XLSNY16LUI2AIDKRB02OFAWJHK	OS_MTP3B_LNK_RX_TFC	NUMBER	[B67109416] C67196157
YKAYVYFUPW2AHRHR0035XVPKR0	B67109416_C67182849	NUMBER	[B67109416] C67182849
YKAYVYHUPW2AHRHR0035XVPKR0	B67109416_C67182850	NUMBER	[B67109416] C67182850
YKAYVYJUPW2AHRHR0035	B67109416_C6718285	NUMBER	[B67109416] C67182851

XVPKR0	1		
YKAYVYLUPW2AHRHR0035XVPKR0	B67109416_C67182862	NUMBER	[B67109416] C67182862
YKAYVYNUPW2AHRHR0035XVPKR0	B67109416_C67182852	NUMBER	[B67109416] C67182852
YKAYVYPUPW2AHRHR0035XVPKR0	B67109416_C67182853	NUMBER	[B67109416] C67182853
YKAYVYRUPW2AHRHR0035XVPKR0	B67109416_C67182854	NUMBER	[B67109416] C67182854
YKAYVYTUPW2AHRHR0035XVPKR0	B67109416_C67182855	NUMBER	[B67109416] C67182855
YKAYVYVUPW2AHRHR0035XVPKR0	B67109416_C67182856	NUMBER	[B67109416] C67182856
YKAYVYXUPW2AHRHR0035XVPKR0	B67109416_C67182857	NUMBER	[B67109416] C67182857
YKAYW00UPW2AHRHR0035XVPKR0	B67109416_C67182858	NUMBER	[B67109416] C67182858
YKAYW02UPW2AHRHR0035XVPKR0	B67109416_C67182861	NUMBER	[B67109416] C67182861
YKAYW04UPW2AHRHR0035XVPKR0	B67109416_C67182859	NUMBER	[B67109416] C67182859
YKAYW06UPW2AHRHR0035XVPKR0	B67109416_C67182860	NUMBER	[B67109416] C67182860

7.36 Raw MTP3B_LinkSet Tables

7.36.1 HUA_MTP3BLINKSET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3B_LINKSET_ID		VARCHAR2(100)	[B67109417] RNC_ID & "/" & Object_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
YKAYW0DUPW2AHRHR0035XVPKR0	B67109417_C67183106	NUMBER	[B67109417] C67183106
YKAYW2XUPW2AHRHR0035XVPKR0	B67109417_C67183105	NUMBER	[B67109417] C67183105

7.37 Raw MTP3B_Point Tables

7.37.1 HUA_MTP3BDSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
MTP3B_POINT_ID		VARCHAR2(50)	[B67109415] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYVYBUPW2AHRHR0035XVPKR0	B67109415_C67183233	NUMBER	[B67109415] C67183233
YKAYVYDUPW2AHRHR0035XVPKR0	B67109415_C67183234	NUMBER	[B67109415] C67183234

7.38 Raw Neighbour Tables

7.38.1 HUA_NEIGH_HO3GPNEIGH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NEIGHBOUR_ID		VARCHAR2(50)	[B67109395] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id) [B67109395_V900] (RNC_Id & "/" & Cell_Id & "/" & Dest_RNC_Id & "/" & Dest_Cell_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
ULQ0GNKRMPB6BTMTHTR	VS_HHO_ATTOUTINTE	NUMBER	[B67109395] C67183489

BMN3KXX	RCELL_N		[B67109395_V900] C67183489
VHAR3OKOCQCMEDWBK5UX2VFXG5	VS_HHO_FAILOUTINTERCELLNRLYN	NUMBER	[B67109395] C67189912 [B67109395_V900] C67189912
SVEWW3HBYLCVLS5BOM0RLR2JY3	VS_HHO_SUCCOUTINTERCELL_N	NUMBER	[B67109395] C67183490 [B67109395_V900] C67183490
RS4PVX42L1B2YU11A25HFQ5MUB	VS_HSDPA_HHO_NOCHR_ATT_N	NUMBER	[B67109395] C67190708 [B67109395_V900] C67190708
Y2ML40HDHDCATC64I1B0WTX4HV	VS_HSDPA_HHO_NOCHR_SUCC_N	NUMBER	[B67109395] C67190709 [B67109395_V900] C67190709
XS0J52XB3DBTCBODKKLBTWAIXE	VS_HSDPA_SERVCELLCHG_ATT_N	NUMBER	[B67109395] C67190710 [B67109395_V900] C67190710
RMHUJ2KVYGCSQEXJ0WDJTGKAM3	VS_HSDPA_SERVCELLCHG_SUCC_N	NUMBER	[B67109395] C67190711 [B67109395_V900] C67190711
X5KPBPELS4C2PSRFTCM3NP5TMY	VS_SHO_ADDRLATT_NCELL	NUMBER	[B67109395] C67183491 [B67109395_V900] C67183491
WRA0CLD23UCLBTJSNF3HPXSMYD	VS_SHO_ADDRLSUCC_NCELL	NUMBER	[B67109395] C67183492 [B67109395_V900] C67183492
S0K2WMB5OECDASKJE1A0GEP1R2	VS_SHO_ATTASU_N	NUMBER	[B67109395] C67189910 [B67109395_V900] C67189910
SNKRFN6GKJBVWR1AAEM5N0WBT3	VS_SHO_DELRLATT_NCELL	NUMBER	[B67109395] C67183493 [B67109395_V900] C67183493
RQX4HFUHSPCAVUHCKP0VKJDRPN	VS_SHO_DELRLSUCC_NCELL	NUMBER	[B67109395] C67183494 [B67109395_V900] C67183494

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VA1A4U6YVCB6WRPKOASH50EQEJ	VS_SHO_FAILASU_NRPLY_N	NUMBER	[B67109395] C67189911 [B67109395_V900] C67189911
YB2RB0W1PVBJKD2ANVMVOGPN4W	VS_SHO_REPLACERLATT_NCELL	NUMBER	[B67109395] C67183499 [B67109395_V900] C67183499
R2KHDKEH1GCG4C1CCQ0Y2XVKK3	VS_SHO_REPLACERLSUCC_NCELL	NUMBER	[B67109395] C67183500 [B67109395_V900] C67183500
SGHMYLQ53RCVRBEAB0QP3ITFHO	VS_SHO_SUCCASU_N	NUMBER	[B67109395] C67189909 [B67109395_V900] C67189909

7.38.2 HUA_NEIGH_INTR_HOPNEIGH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
NEIGHBOUR_ID		VARCHAR2(50)	[B67109394] (RNC_Id & "/" & Cell_Id & "/" & MCC_Id & "/" & MNC_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XATFBHXAHK26SDGMB00HW05BPA	VS_IRATHO_FAIOUTPSUT_UEFN	NUMBER	[B67109394] C67189908
XAYGOUHAHK26SDGMB00HW05BPA	VS_IRATHO_FAILOUTCS_UEFN	NUMBER	[B67109394] C67189907
SSTRRNSFGHCL3TKKJ0NYOIALEG	VS_IRATHO_ATTOUTCS_N	NUMBER	[B67109394] C67183495
VKVQRJD02UCQEUBWSBNX221TSX	VS_IRATHO_ATTOUTPSUTRAN_N	NUMBER	[B67109394] C67183497
VD1FAQ2XMECIMTNEB1EL1MWIVQ	VS_IRATHO_SUCCOUTCS_N	NUMBER	[B67109394] C67183496
XAVGJLKY5LBRSD1XNPR3MC3KKF	VS_IRATHO_SUCCOUTPSUTRAN_N	NUMBER	[B67109394] C67183498

7.39 Raw NodeB Tables

7.39.1 HUA_CE_LICENSEGROUP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B50331652] RNC_Id & "/" & NodeB_Id
CNOPERATOR_ID		VARCHAR2(50)	[B50331652] Operator_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YS0Y0O2SW62AHRHQR035XVPKR0	VS_LC_ULMEAN_LICENSEGROUP	FLOAT	[B50331652] C50332555
YS0Y0O4SW62AHRHQR035XVPKR0	VS_LC_ULMAX_LICENSEGROUP	FLOAT	[B50331652] C50342555
YS0Y0O6SW62AHRHQR035XVPKR0	VS_LC_DLMEAN_LICENSEGROUP	FLOAT	[B50331652] C50332556
YS0Y0OBSW62AHRHQR035XVPKR0	VS_LC_DLMAX_LICENSEGROUP	FLOAT	[B50331652] C50342556
YS0Y0ODSW62AHRHQR035XVPKR0	VS_LC_DLCE_LG_DEDICATED	FLOAT	[B50331652] C50332557
YS0Y0OFSW62AHRHQR035XVPKR0	VS_LC_ULCE_LG_DEDICATED	FLOAT	[B50331652] C50332558

7.39.2 HUA_CE_SHARED_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B50331652] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YS0Y0OHSW62AHRHQR035XVPKR0	VS_LC_ULCREDITAVAILABLE_SHARED	FLOAT	[B50331652] C50332559

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YS0Y0OJSW62AHRHQR035XVPKR0	VS_LC_DLCREDITAVAILABLE_SHARED	FLOAT	[B50331652] C50332560
YS0Y0OLSW62AHRHQR035XVPKR0	VS_LC_ULMEAN_LG_SHARED	FLOAT	[B50331652] C50332561
YS0Y0ONSW62AHRHQR035XVPKR0	VS_LC_ULMAX_LG_SHARED	FLOAT	[B50331652] C50342561
YS0Y0OPSW62AHRHQR035XVPKR0	VS_LC_DLMEAN_LG_SHARED	FLOAT	[B50331652] C50332562
YS0Y0ORSW62AHRHQR035XVPKR0	VS_LC_DLMAX_LG_SHARED	FLOAT	[B50331652] C50342562

7.39.3 HUA_IUB_BANDWIDTH_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B50331649] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YS0Y0OTSW62AHRHQR035XVPKR0	VS_ATMULTOTAL_1	FLOAT	[B50331649] C50332673
YS0Y0OVSW62AHRHQR035XVPKR0	VS_ATMULMAXUSED_1	FLOAT	[B50331649] C50332674
YS0Y0OXSW62AHRHQR035XVPKR0	VS_ATMULAVGUSED_1	FLOAT	[B50331649] C50332675
YS0Y0P0SW62AHRHQR035XVPKR0	VS_ATMDLTOTAL_1	FLOAT	[B50331649] C50332676
YS0Y0P2SW62AHRHQR035XVPKR0	VS_ATMDLMAXUSED_1	FLOAT	[B50331649] C50332677
YS0Y0P4SW62AHRHQR035XVPKR0	VS_ATMDLAVGUSED_1	FLOAT	[B50331649] C50332678
YS0Y0P6SW62AHRHQR035XVPKR0	VS_IPULTOTAL_1	FLOAT	[B50331649] C50332679
YS0Y0PBSW62AHRHQR035XVPKR0	VS_IPULMAXUSED_1	FLOAT	[B50331649] C50332680
YS0Y0PDSW62AHRHQR035	VS_IPULAVGUSED_1	FLOAT	[B50331649] C50332681

XVPKR0			
YS0Y0PFSW62AHRHQR035XVPKR0	VS_IPDLTOTAL_1	FLOAT	[B50331649] C50332682
YS0Y0PHSW62AHRHQR035XVPKR0	VS_IPDLMAXUSED_1	FLOAT	[B50331649] C50332683
YS0Y0PJSW62AHRHQR035XVPKR0	VS_IPDLAVGUSED_1	FLOAT	[B50331649] C50332684
YS0Y0PLSW62AHRHQR035XVPKR0	VS_ATMULTOTAL_2	FLOAT	[B50331649] C50332685
YS0Y0PNSW62AHRHQR035XVPKR0	VS_ATMULMAXUSED_2	FLOAT	[B50331649] C50332686
YS0Y0PPSW62AHRHQR035XVPKR0	VS_ATMULAVGUSED_2	FLOAT	[B50331649] C50332687
YS0Y0PRSW62AHRHQR035XVPKR0	VS_ATMDLTOTAL_2	FLOAT	[B50331649] C50332688
YS0Y0PTSW62AHRHQR035XVPKR0	VS_ATMDLMAXUSED_2	FLOAT	[B50331649] C50332689
YS0Y0PVSW62AHRHQR035XVPKR0	VS_ATMDLAVGUSED_2	FLOAT	[B50331649] C50332690
YS0Y0PXSW62AHRHQR035XVPKR0	VS_IPULTOTAL_2	FLOAT	[B50331649] C50332691
YS0Y0Q0SW62AHRHQR035XVPKR0	VS_IPULMAXUSED_2	FLOAT	[B50331649] C50332692
YS0Y0Q2SW62AHRHQR035XVPKR0	VS_IPULAVGUSED_2	FLOAT	[B50331649] C50332693
YS0Y0Q4SW62AHRHQR035XVPKR0	VS_IPDLTOTAL_2	FLOAT	[B50331649] C50332694
YS0Y0Q6SW62AHRHQR035XVPKR0	VS_IPDLMAXUSED_2	FLOAT	[B50331649] C50332695
YS0Y0QBSW62AHRHQR035XVPKR0	VS_IPDLAVGUSED_2	FLOAT	[B50331649] C50332696
YS0Y0QDSW62AHRHQR03	VS_ATMULTOTAL_3	FLOAT	[B50331649] C50332697

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5XVPKR0			
YS0Y0QFSW62AHRHQR035XVPKR0	VS_ATMULMAXUSED_3	FLOAT	[B50331649] C50332698
YS0Y0QHSW62AHRHQR035XVPKR0	VS_ATMULAVGUSED_3	FLOAT	[B50331649] C50332699
YS0Y0QJSW62AHRHQR035XVPKR0	VS_ATMDLTOTAL_3	FLOAT	[B50331649] C50332700
YS0Y0QLSW62AHRHQR035XVPKR0	VS_ATMDLMAXUSED_3	FLOAT	[B50331649] C50332701
YS0Y0QNSW62AHRHQR035XVPKR0	VS_ATMDLAVGUSED_3	FLOAT	[B50331649] C50332702
YS0Y0QPSW62AHRHQR035XVPKR0	VS_IPULTOTAL_3	FLOAT	[B50331649] C50332703
YS0Y0QRSW62AHRHQR035XVPKR0	VS_IPULMAXUSED_3	FLOAT	[B50331649] C50332704
YS0Y0QTSW62AHRHQR035XVPKR0	VS_IPULAVGUSED_3	FLOAT	[B50331649] C50332705
YS0Y0QVSW62AHRHQR035XVPKR0	VS_IPDLTOTAL_3	FLOAT	[B50331649] C50332706
YS0Y0QXSW62AHRHQR035XVPKR0	VS_IPDLMAXUSED_3	FLOAT	[B50331649] C50332707
YS0Y0R0SW62AHRHQR035XVPKR0	VS_IPDLAVGUSED_3	FLOAT	[B50331649] C50332708
YS0Y0R2SW62AHRHQR035XVPKR0	VS_ATMULTOTAL_4	FLOAT	[B50331649] C50332709
YS0Y0R4SW62AHRHQR035XVPKR0	VS_ATMULMAXUSED_4	FLOAT	[B50331649] C50332710
YS0Y0R6SW62AHRHQR035XVPKR0	VS_ATMULAVGUSED_4	FLOAT	[B50331649] C50332711
YS0Y0RBSW62AHRHQR035XVPKR0	VS_ATMDLTOTAL_4	FLOAT	[B50331649] C50332712
YS0Y0RDSW62AHRHQR035XVPKR0	VS_ATMDLMAXUSED_4	FLOAT	[B50331649] C50332713
YS0Y0RFSW62AHRHQR035XVPKR0	VS_ATMDLAVGUSED_4	FLOAT	[B50331649] C50332714

YS0Y0RHSW62AHRHQR035XVPKR0	VS_IPULTOTAL_4	FLOAT	[B50331649] C50332715
YS0Y0RJSW62AHRHQR035XVPKR0	VS_IPULMAXUSED_4	FLOAT	[B50331649] C50332716
YS0Y0RLSW62AHRHQR035XVPKR0	VS_IPULAVGUSED_4	FLOAT	[B50331649] C50332717
YS0Y0RNSW62AHRHQR035XVPKR0	VS_IPDLTOTAL_4	FLOAT	[B50331649] C50332718
YS0Y0RPSW62AHRHQR035XVPKR0	VS_IPDLMAXUSED_4	FLOAT	[B50331649] C50332719
YS0Y0RRSW62AHRHQR035XVPKR0	VS_IPDLAVGUSED_4	FLOAT	[B50331649] C50332720

7.39.4 HUA_NB_HSDPA_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109390_GRP] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPS2UPW2AHRHR0035XVPKR0	B67109390_GRP_C67204510	FLOAT	[B67109390_GRP] C67204510
YEARPS4UPW2AHRHR0035XVPKR0	B67109390_GRP_C67194867	NUMBER	[B67109390_GRP] C67194867
YEARPS6UPW2AHRHR0035XVPKR0	B67109390_GRP_C67204511	FLOAT	[B67109390_GRP] C67204511
YEARPSBUPW2AHRHR0035XVPKR0	B67109390_GRP_C67194869	NUMBER	[B67109390_GRP] C67194869
YEARPSDUPW2AHRHR0035XVPKR0	B67109390_GRP_C67204512	FLOAT	[B67109390_GRP] C67204512

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YEARPSFUPW2AHRHR0035XVPKR0	B67109390_GRP_C67194871	NUMBER	[B67109390_GRP] C67194871
YEARQB4UPW2AHRHR0035XVPKR0	B67109390_GRP_C67195508	NUMBER	[B67109390_GRP] C67195508
YEARQB6UPW2AHRHR0035XVPKR0	B67109390_GRP_C67195509	NUMBER	[B67109390_GRP] C67195509
YEARQBBUPW2AHRHR0035XVPKR0	B67109390_GRP_C67195511	NUMBER	[B67109390_GRP] C67195511
YEARQBDUPW2AHRHR0035XVPKR0	B67109390_GRP_C67195512	NUMBER	[B67109390_GRP] C67195512
UFJTSX102X2AHSR1B035YIJPVO	HSDPA_RAB_ATTESTAB_BE_GOLDEN	NUMBER	[B67109390_GRP] C67195507
UFJTSX302X2AHSR1B035YIJPVO	HSDPA_RAB_SUCCESTAB_BE_GOLDEN	NUMBER	[B67109390_GRP] C67195510
YE0B536ADRBVXT4CWBQWY54G63	VS_HSDPA_MACD_ABNORMREL	NUMBER	[B67109390_GRP] C67190689
YTVPCICMHOBHSE20EE62T1RQ4Y	VS_HSDPA_MACD_MEAN_CELL	FLOAT	[B67109390_GRP] C67202941
WW4YW6LLXRBHSDQO2MWQ1Y4LXP	VS_HSDPA_MACD_REL	NUMBER	[B67109390_GRP] C67190688
WLHRSQ0VW0CJARQKMDWT14YLQR	VS_HSDPA_MACDFAILDELPERCELL	NUMBER	[B67109390_GRP] C67189837
VHVWOB6TY2CDMTFN431BVN1BDC	VS_HSDPA_MACDFAILSTPPERCELL	NUMBER	[B67109390_GRP] C67189836
RRYVFTSSWDBFXTLLWLWYMMFSR0	VS_HSDPA_MACDSUCCDELPERCELL	NUMBER	[B67109390_GRP] C67189835
R54BP04WKGBHOSSOPJJLFY1OPF	VS_HSDPA_MACDSUCCSTPPERCELL	NUMBER	[B67109390_GRP] C67189834
T2VC32JNXRCJPR4J2SYLG1UGB4	VS_HSDPA_MEANCHTHROUGHPUT	FLOAT	[B67109390_GRP] C67202894
WC6LSSL6VUCUIDHQ3EUH2L4HWW	VS_HSDPA_MEANCHTHRUPUT_TIMES	NUMBER	[B67109390_GRP] C67190567
XFI2XTWUM5BGAC4BWPNCGL2EWA	VS_HSDPA_MEANCHTHRUPUT_TOTBYTE	FLOAT	[B67109390_GRP] C67189840
YCP0S2KSD2B3TCVFW0NTK	VS_HSDPA_RAB_ATT	NUMBER	[B67109390_GRP]

54JHB	ESTAB		C67190704
SHN2PA1TJQCGITSI6YHHDC3VJS	VS_HSDPA_RAB_LOSS_ABNORM_NONRF	NUMBER	[B67109390_GRP] C67191162
YE4R5MDK15BNDET2GUHYJQKV56	VS_HSDPA_RAB_LOSS_INACTIVITY	NUMBER	[B67109390_GRP] C67191161
W6GFJ22EA0CQJTEK5WEG5K2QOB	VS_HSDPA_RAB_LOSS_NORM	NUMBER	[B67109390_GRP] C67191164
WQ3AYQQ0H2C50D6NYPKIC3NSF2	VS_HSDPA_RAB_LOSS_RF	NUMBER	[B67109390_GRP] C67191163
ULQP5UFOFTBVKS0FOKWKXSXRGT	VS_HSDPA_RAB_SUCCESTAB	NUMBER	[B67109390_GRP] C67190705
VM2AROKVA6C2KTE4L25BHEY4TV	VS_HSDPA_UE_MEAN_CELL	FLOAT	[B67109390_GRP] C67202932

7.39.5 HUA_NB_HSUPA_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109471_GRP] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPTHUPW2AHRHR0035XVPKR0	B67109471_GRP_C67204513	FLOAT	[B67109471_GRP] C67204513
YEARPTJUPW2AHRHR0035XVPKR0	B67109471_GRP_C67194873DIFF	NUMBER	[B67109471_GRP] C67194873
YEARPTLUPW2AHRHR0035XVPKR0	B67109471_GRP_C67204514	FLOAT	[B67109471_GRP] C67204514
YEARPTNUPW2AHRHR0035XVPKR0	B67109471_GRP_C67194875DIFF	NUMBER	[B67109471_GRP] C67194875
YEARPTPUPW2AHRHR0035XVPKR0	B67109471_GRP_C67204515	FLOAT	[B67109471_GRP] C67204515

YEARPTRUPW2AHRHR0035XVPKR0	B67109471_GRP_C67194889DIFF	NUMBER	[B67109471_GRP] C67194889
YEARQC0UPW2AHRHR0035XVPKR0	B67109471_GRP_C67192969	NUMBER	[B67109471_GRP] C67192969
YEARQC2UPW2AHRHR0035XVPKR0	B67109471_GRP_C67192970	NUMBER	[B67109471_GRP] C67192970
YEARQC4UPW2AHRHR0035XVPKR0	B67109471_GRP_C67192971	NUMBER	[B67109471_GRP] C67192971
YEARQC6UPW2AHRHR0035XVPKR0	B67109471_GRP_C67192972	NUMBER	[B67109471_GRP] C67192972
YEARQCBUPW2AHRHR0035XVPKR0	B67109471_GRP_C67192973	NUMBER	[B67109471_GRP] C67192973
YEARQCDUPW2AHRHR0035XVPKR0	B67109471_GRP_C67192974	NUMBER	[B67109471_GRP] C67192974
RUWXMATJG32AHDHAJ035XKCUC6	HSUPA_MACDFAILDELPERCELL	NUMBER	[B67109471_GRP] C67192113
RUWXMAVJG32AHDHAJ035XKCUC6	HSUPA_MACDFAILSTPPERCELL	NUMBER	[B67109471_GRP] C67192111
RUWXMAXJG32AHDHAJ035XKCUC6	HSUPA_MACDSUCCDELPERCELL	NUMBER	[B67109471_GRP] C67192112
RUWXMB0JG32AHDHAJ035XKCUC6	HSUPA_MACDSUCCSTPPERCELL	NUMBER	[B67109471_GRP] C67192110
RUWXMB2JG32AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT	FLOAT	[B67109471_GRP] C67203932
RUWXMB4JG32AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT_TIMES	NUMBER	[B67109471_GRP] C67192487
RUWXMB6JG32AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT_TOTBYTE	NUMBER	[B67109471_GRP] C67192486
RUWXMBBJG32AHDHAJ035XKCUC6	HSUPA_RAB_ATTESTAB	NUMBER	[B67109471_GRP] C67192114
RUWXMBDJG32AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_ABNORM	NUMBER	[B67109471_GRP] C67192364
RUWXMBFJG32AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_NORM	NUMBER	[B67109471_GRP] C67192365
RUWXMBHJG32AHDHAJ03	HSUPA_RAB_LOSS_UE	NUMBER	[B67109471_GRP]

5XKCUC6	GEN		C67192366
RUWXMBJJG32AHDHAJ035XKCUC6	HSUPA_RAB_SUCCESTAB	NUMBER	[B67109471_GRP] C67192115
RUWXMBLJG32AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_ATT	NUMBER	[B67109471_GRP] C67192370
RUWXMBNJG32AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_SUCC	NUMBER	[B67109471_GRP] C67192369
RUWXMBPJG32AHDHAJ035XKCUC6	VS_HSUPA_UE_MEAN_CELL	FLOAT	[B67109471_GRP] C67203850

7.39.6 HUA_NB_IUB_CONG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109473] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WH42IYY2AHDHA0035XKCUC6	VS_IUB_CONGDL	NUMBER	[B67109473] C67192135
UB2WH44IYY2AHDHA0035XKCUC6	VS_IUB_CONGUL	NUMBER	[B67109473] C67192134
UB2WH46IYY2AHDHA0035XKCUC6	VS_IUB_TIMECONGDL	NUMBER	[B67109473] C67203855
UB2WH4BIYY2AHDHA0035XKCUC6	VS_IUB_TIMECONGUL	NUMBER	[B67109473] C67203854

7.39.7 HUA_NB_NBAVAIL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109473] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
UB2WH5TIYY2AHDHA0035XKCUC6	VS_NODEB_RATIO_UNAVAILTIME_OM	FLOAT	[B67109473] C67203852
UB2WH5VIYY2AHDHA0035XKCUC6	VS_NODEB_UNAVAILTIME_OM	NUMBER	[B67109473] C67203853

7.39.8 HUA_NBCRUSG_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109391_GRP] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TQYXFQILP3B2KB3K1KT3LGT6SK	VS_LC_ULCREDITUSED_CELL_MAX	NUMBER	[B67109391_GRP] C67191165
SPFDEQDNUNCO2RFI6G5LNVVXCR	VS_LC_DLCREDITUSED_CELL	FLOAT	[B67109391_GRP] C67202570
XQBVBQBGACBH6DCCY6VJDALDBG	VS_LC_ULCREDITUSED_CELL	FLOAT	[B67109391_GRP] C67202567
YRJBUVQUSICJGDVY006O6WHQ2X	VS_LC_DLCREDITUSED_CELL_MAX	NUMBER	[B67109391_GRP] C67191167
RS3FLYJXX5C30UX42HX03DSFO3	VS_LC_DLCREDITUSED_CELL_MIN	NUMBER	[B67109391_GRP] C67191168
SJFLY5QX02CCFBSM3UXMHXYCMF	VS_LC_ULCREDITUSED_CELL_MIN	NUMBER	[B67109391_GRP] C67191166

7.39.9 HUA_NBTRAFCS_AGGRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109387_GRP] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SPBDCVQT0MCELDTBFXU	VS_MAC_SRNCIUBBY	NUMBER	[B67109387_GRP]

TN1FM3S	TESCSCONV_RX		C67199642
YVVMXFL3S6CRCSK405W1P3CC6Q	VS_MAC_SRNCIUBBYTESCSCONV_TX	NUMBER	[B67109387_GRP] C67199646
RSOUG0KPLLCISDSHMMW0H54S0S	VS_MAC_SRNCIUBBYTESCSSTR_RX	NUMBER	[B67109387_GRP] C67199643
SVQH1YKC0XBQGTX6KXCMY421QN	VS_MAC_SRNCIUBBYTESCSSTR_TX	NUMBER	[B67109387_GRP] C67199647

7.39.10HUA_NBTRAFPS_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B67109387_GRP] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYW2PUPW2AHRHR0035XVPKR0	B67109387_GRP_C67204753	NUMBER	[B67109387_GRP] C67204753
YKAYW2RUPW2AHRHR0035XVPKR0	B67109387_GRP_C67204754	NUMBER	[B67109387_GRP] C67204754
Y5XXRT3ISLCTKUKGUTLBPNDVHR	VS_MAC_SRNCIUBBYTESPSBKG_RX	NUMBER	[B67109387_GRP] C67199653
W3LJPSTJ6UBDJB1MFEJN53XCY1	VS_MAC_SRNCIUBBYTESPSBKG_TX	NUMBER	[B67109387_GRP] C67199657
UGC1CYE2XWBO5B1HUHXQRPV4QD	VS_MAC_SRNCIUBBYTESPSCONV_RX	NUMBER	[B67109387_GRP] C67199650
RULN3TCPSGCWHCUJUBSNREG5QS	VS_MAC_SRNCIUBBYTESPSCONV_TX	NUMBER	[B67109387_GRP] C67199654
V4O5Y4FQ46BY5UTX5IXOHFUSPR	VS_MAC_SRNCIUBBYTESPSINT_RX	NUMBER	[B67109387_GRP] C67199652
YVVR5GXORLC34SYN612EHICWIP	VS_MAC_SRNCIUBBYTESPSINT_TX	NUMBER	[B67109387_GRP] C67199656

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UGXKXHLBTLCKMSSVU5UBYVF4JN	VS_MAC_SRNCIUBBYTESPSSTR_RX	NUMBER	[B67109387_GRP] C67199651
UNJPNWJL6PBR1BQYTWJOUBUHSJ	VS_MAC_SRNCIUBBYTESPSSTR_TX	NUMBER	[B67109387_GRP] C67199655
U0EU0XFX1SBMBBEBQV0PPA3UTH	TRAFFIC_BUSY_HOUR	FLOAT	[B67109387_GRP] C67199656 + C67199652 + C67199657 + C67199653 + C67199642 + C67199646

7.39.11HUA_NODEB_IUB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BS_ID		VARCHAR2(50)	[B50331649] RNC_Id & "/" & NodeB_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23QNILK2AHDH6B035XKCUC6	VS_AAL2TOTAL	NUMBER	[B50331649] C50332648
UUO23QPILK2AHDH6B035XKCUC6	VS_R99ALLOC	NUMBER	[B50331649] C50332649
UUO23QRILK2AHDH6B035XKCUC6	VS_HSDPAREMAIN	NUMBER	[B50331649] C50332650
UUO23QTILK2AHDH6B035XKCUC6	VS_HSDPAALLOC	NUMBER	[B50331649] C50332651
UUO23QVILK2AHDH6B035XKCUC6	VS_HSDPAUSED	NUMBER	[B50331649] C50332652
UUO23QXILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_5	NUMBER	[B50331649] C50332653
UUO23R0ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_10	NUMBER	[B50331649] C50332654
UUO23R2ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_15	NUMBER	[B50331649] C50332655
UUO23R4ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_20	NUMBER	[B50331649] C50332656
UUO23R6ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_25	NUMBER	[B50331649] C50332657

UUO23RBILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_30	NUMBER	[B50331649] C50332658
UUO23RDILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_35	NUMBER	[B50331649] C50332659
UUO23RFILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_40	NUMBER	[B50331649] C50332660
UUO23RHILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_45	NUMBER	[B50331649] C50332661
UUO23RJILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_50	NUMBER	[B50331649] C50332662
UUO23RLILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_55	NUMBER	[B50331649] C50332663
UUO23RNILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_60	NUMBER	[B50331649] C50332664
UUO23RPILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_65	NUMBER	[B50331649] C50332665
UUO23RRILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_70	NUMBER	[B50331649] C50332666
UUO23RTILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_75	NUMBER	[B50331649] C50332667
UUO23RVILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_80	NUMBER	[B50331649] C50332668
UUO23RXILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_85	NUMBER	[B50331649] C50332669
UUO23S0ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_90	NUMBER	[B50331649] C50332670
UUO23S2ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_95	NUMBER	[B50331649] C50332671
UUO23S4ILK2AHDH6B035XKCUC6	VS_HSDPAALLOCRATIO_100	NUMBER	[B50331649] C50332672

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7.40 Raw OAM_Link Tables

7.40.1 HUA_NODEBOAM_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OAM_LINK_ID		VARCHAR2(50)	[B67109521] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ3RUPW2AHRHR0035XVPKR0	B67109521_C67192544	NUMBER	[B67109521] C67192544
YEARQ3TUPW2AHRHR0035XVPKR0	B67109521_C67192545	NUMBER	[B67109521] C67192545
YEARQ3VUPW2AHRHR0035XVPKR0	B67109521_C67203956	FLOAT	[B67109521] C67203956
YEARQ3XUPW2AHRHR0035XVPKR0	B67109521_C67203957	FLOAT	[B67109521] C67203957
YEARQ40UPW2AHRHR0035XVPKR0	B67109521_C67192546	NUMBER	[B67109521] C67192546
YEARQ42UPW2AHRHR0035XVPKR0	B67109521_C67192547	NUMBER	[B67109521] C67192547
YEARQ44UPW2AHRHR0035XVPKR0	B67109521_C67192548	NUMBER	[B67109521] C67192548
YEARQ46UPW2AHRHR0035XVPKR0	B67109521_C67192508	NUMBER	[B67109521] C67192508

7.40.2 HUA_OAM_FLOW_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
OAM_LINK_ID		VARCHAR2(50)	[B67109538] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNN2URP2AHRHR0035XVPKR0	B67109538_C67195465	NUMBER	[B67109538] C67195465
SUIHNN4URP2AHRHR0035	B67109538_C6719546	NUMBER	[B67109538] C67195466

XVPKR0	6		
SUIHNN6URP2AHRHR0035XVPKR0	B67109538_C67195467	NUMBER	[B67109538] C67195467
SUIHNNBURP2AHRHR0035XVPKR0	B67109538_C67195468	NUMBER	[B67109538] C67195468
SUIHNNDURP2AHRHR0035XVPKR0	B67109538_C67195469	NUMBER	[B67109538] C67195469
SUIHNNFURP2AHRHR0035XVPKR0	B67109538_C67195470	NUMBER	[B67109538] C67195470
SUIHNNHURP2AHRHR0035XVPKR0	B67109538_C67195471	NUMBER	[B67109538] C67195471
SUIHNNJURP2AHRHR0035XVPKR0	B67109538_C67195472	NUMBER	[B67109538] C67195472
SUIHNNLURP2AHRHR0035XVPKR0	B67109538_C67204726	FLOAT	[B67109538] C67204726
SUIHNNNURP2AHRHR0035XVPKR0	B67109538_C67204727	FLOAT	[B67109538] C67204727
SUIHNNPURP2AHRHR0035XVPKR0	B67109538_C67204728	FLOAT	[B67109538] C67204728
SUIHNNRURP2AHRHR0035XVPKR0	B67109538_C67204729	FLOAT	[B67109538] C67204729

7.41 Raw PPP Tables

7.41.1 HUA_PPP_PPP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PPP_ID		VARCHAR2(100)	[B67109491] PPP_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TGNKURXSEN2AHRHQJ03	VS_PPP_RXMEANSPEE	FLOAT	[B67109491] C67194431

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5XVPKR0	D		
TGNKUS0SEN2AHRHQJ035XVPKR0	VS_PPP_TXMEANSPEED	FLOAT	[B67109491] C67194428
TGNKUSDSEN2AHRHQJ035XVPKR0	VS_PPP_TXDROPS	NUMBER	[B67109491] C67194419
TGNKUTHSEN2AHRHQJ035XVPKR0	VS_PPP_RXBYTES	NUMBER	[B67109491] C67194421
TGNKUTJSEN2AHRHQJ035XVPKR0	VS_PPP_TXBYTES	NUMBER	[B67109491] C67194418
SUIHNHTURP2AHRHR0035XVPKR0	B67109491_C67194417	NUMBER	[B67109491] C67194417
SUIHNHVURP2AHRHR0035XVPKR0	B67109491_C67194420	NUMBER	[B67109491] C67194420
SUIHNHXURP2AHRHR0035XVPKR0	B67109491_C67194422	NUMBER	[B67109491] C67194422
SUIHNI0URP2AHRHR0035XVPKR0	B67109491_C67194423	NUMBER	[B67109491] C67194423
SUIHNI2URP2AHRHR0035XVPKR0	B67109491_C67194424	NUMBER	[B67109491] C67194424
SUIHNI4URP2AHRHR0035XVPKR0	B67109491_C67194425	NUMBER	[B67109491] C67194425
SUIHNI6URP2AHRHR0035XVPKR0	B67109491_C67194426	FLOAT	[B67109491] C67194426
SUIHNIBURP2AHRHR0035XVPKR0	B67109491_C67194427	FLOAT	[B67109491] C67194427
SUIHNIDURP2AHRHR0035XVPKR0	B67109491_C67194429	FLOAT	[B67109491] C67194429
SUIHNIFURP2AHRHR0035XVPKR0	B67109491_C67194430	FLOAT	[B67109491] C67194430
XLSNYAHLUI2AIDKRB02OFAWJHK	VS_PPP_ALLOCED_MAX_FWD	FLOAT	[B67109491] C67193245
XLSNYAJLUI2AIDKRB02OFAWJHK	VS_PPP_ALLOCED_MAX_BWD	FLOAT	[B67109491] C67193246
XLSNYALLUI2AIDKRB02OFAWJHK	VS_PPP_FWD_CONG	NUMBER	[B67109491] C67193247

XLSNYANLUI2AIDKRB02OFAWJHK	VS_PPP_FWD_CONG_DUR	NUMBER	[B67109491] C67193248
XLSNYAPLUI2AIDKRB02OFAWJHK	VS_PPP_BWD_CONG	NUMBER	[B67109491] C67193249
XLSNYARLUI2AIDKRB02OFAWJHK	VS_PPP_BWD_CONG_DUR	NUMBER	[B67109491] C67193250
XLSNYATLUI2AIDKRB02OFAWJHK	VS_PPP_ALLOCED_AVE_FWD	FLOAT	[B67109491] C67204198
XLSNYAVLUI2AIDKRB02OFAWJHK	VS_PPP_ALLOCED_AVE_BWD	FLOAT	[B67109491] C67204199
UH2KKNBIYY2AHDHA0035XKCUC6	VS_PPP_MEANTHROUGHPUTKBPS_RX	FLOAT	[B67109511] C67203906
UH2KKNDIYY2AHDHA0035XKCUC6	VS_PPP_MEANTHROUGHPUTKBPS_TX	FLOAT	[B67109511] C67203907
UH2KKNFIYY2AHDHA0035XKCUC6	VS_PPP_PKTUNEXPECTEDRX	NUMBER	[B67109511] C67192401
UH2KKNHIYY2AHDHA0035XKCUC6	VS_PPP_RX_BYTES	NUMBER	[B67109511] C67192399
UH2KKNJIYY2AHDHA0035XKCUC6	VS_PPP_TX_BYTES	NUMBER	[B67109511] C67192400

7.41.2 HUA_PPP_QUEUE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PPP_ID		VARCHAR2(100)	[B67109543] PPP_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNIHURP2AHRHR0035XVPKR0	B67109543_C67195192	NUMBER	[B67109543] C67195192
SUIHNIJURP2AHRHR0035XVPKR0	B67109543_C67195193	NUMBER	[B67109543] C67195193

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SUIHNILURP2AHRHR0035XVPKR0	B67109543_C67195194	NUMBER	[B67109543] C67195194
SUIHNINURP2AHRHR0035XVPKR0	B67109543_C67195195	NUMBER	[B67109543] C67195195
SUIHNIPURP2AHRHR0035XVPKR0	B67109543_C67204582	FLOAT	[B67109543] C67204582
SUIHNIRURP2AHRHR0035XVPKR0	B67109543_C67204583	FLOAT	[B67109543] C67204583

7.42 Raw Processor Tables

7.42.1 HUA_INTERWORKING_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109497] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNO6URP2AHRHR0035XVPKR0	B67109497_C67204498	NUMBER	[B67109497] C67204498
SUIHNOBURP2AHRHR0035XVPKR0	B67109497_C67204499	NUMBER	[B67109497] C67204499
SUIHNODURP2AHRHR0035XVPKR0	B67109497_C67204500	NUMBER	[B67109497] C67204500
SUIHNOFURP2AHRHR0035XVPKR0	B67109497_C67204501	NUMBER	[B67109497] C67204501
SUIHNOHURP2AHRHR0035XVPKR0	B67109497_C67204502	NUMBER	[B67109497] C67204502
SUIHNOJURP2AHRHR0035XVPKR0	B67109497_C67204503	NUMBER	[B67109497] C67204503
SUIHNOLURP2AHRHR0035XVPKR0	B67109497_C67204504	NUMBER	[B67109497] C67204504
SUIHNONURP2AHRHR0035XVPKR0	B67109497_C67204505	NUMBER	[B67109497] C67204505
SUIHNOPURP2AHRHR0035XVPKR0	B67109497_C67204506	NUMBER	[B67109497] C67204506

SUIHNORURP2AHRHR0035XVPKR0	B67109497_C67204507	NUMBER	[B67109497] C67204507

7.42.2 HUA_PROCESSOR_CPUS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109453_V900] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S14ETYD3RA2AISPB0035Y0HF3V	CSLOAD_ERLANG_EQUIV_CPUS	FLOAT	[B67109453_V900] C67203413
S14ETYF3RA2AISPB0035Y0HF3V	RRC_ATTCONNESTAB_CPUS	NUMBER	[B67109453_V900] C67193077
S14ETYH3RA2AISPB0035Y0HF3V	RRC_SUCCCONNESTAB_CPUS	NUMBER	[B67109453_V900] C67193078
S14ETYJ3RA2AISPB0035Y0HF3V	RAB_ATTESTAB_AMR_CPUS	NUMBER	[B67109453_V900] C67193079
S14ETYL3RA2AISPB0035Y0HF3V	RAB_SUCCESTAB_AMR_CPUS	NUMBER	[B67109453_V900] C67193080
S14ETYN3RA2AISPB0035Y0HF3V	RAB_ATTESTCS_CONV_64_CPUS	NUMBER	[B67109453_V900] C67193081
S14ETYP3RA2AISPB0035Y0HF3V	RAB_SUCCESTCS_CONV_64_CPUS	NUMBER	[B67109453_V900] C67193082
S14ETYR3RA2AISPB0035Y0HF3V	HSDPA_RAB_ATTESTAB_CPUS	NUMBER	[B67109453_V900] C67193083
S14ETYT3RA2AISPB0035Y0HF3V	HSDPA_RAB_SUCCESTAB_CPUS	NUMBER	[B67109453_V900] C67193084
S14ETYV3RA2AISPB0035Y0HF3V	HSUPA_RAB_ATTESTAB_CPUS	NUMBER	[B67109453_V900] C67193085
S14ETYX3RA2AISPB0035Y0HF3V	HSUPA_RAB_SUCCESTAB_CPUS	NUMBER	[B67109453_V900] C67193086

S14EU003RA2AISPB0035Y0HF3V	RAB_ATTESTABPS_CPUS	NUMBER	[B67109453_V900] C67193087
S14EU023RA2AISPB0035Y0HF3V	RAB_SUCCESTABPS_CPUS	NUMBER	[B67109453_V900] C67193088
S14EU043RA2AISPB0035Y0HF3V	RAB_REL_ABNORM_AMR_CPUS	NUMBER	[B67109453_V900] C67193089
S14EU063RA2AISPB0035Y0HF3V	RAB_REL_NORM_AMR_CPUS	NUMBER	[B67109453_V900] C67193090
S14EU0B3RA2AISPB0035Y0HF3V	RAB_REL_ABNORM_CS_CONV64K_CPUS	NUMBER	[B67109453_V900] C67193091
S14EU0D3RA2AISPB0035Y0HF3V	RAB_REL_NORM_CS_CONV64K_CPUS	NUMBER	[B67109453_V900] C67193092
S14EU0F3RA2AISPB0035Y0HF3V	RAB_REL_ABNORM_PS_CPUS	NUMBER	[B67109453_V900] C67193093
S14EU0H3RA2AISPB0035Y0HF3V	RAB_REL_NORM_PS_CPUS	NUMBER	[B67109453_V900] C67193094

7.42.3 HUA_PROCESSOR_CSU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109492] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SON0HGY2I32AHSR1B02OFFB2F6	B67109492_C67194433	NUMBER	[B67109492] C67194433
SON0HH12I32AHSR1B02OFFB2F6	B67109492_C67204331	FLOAT	[B67109492] C67204331
SON0HH32I32AHSR1B02OFFB2F6	B67109492_C67204332	FLOAT	[B67109492] C67204332
SON0HH52I32AHSR1B02OFFB2F6	B67109492_C67204333	FLOAT	[B67109492] C67204333
SON0HHA2I32AHSR1B02OFFB2F6	B67109492_C67194438	NUMBER	[B67109492] C67194438
SON0HHC2I32AHSR1B02	B67109492_C67204509	FLOAT	[B67109492] C67204509

OFFB2F6			
SON0HHE2I32AHSR1B02 OFFB2F6	B67109492_C67194441	NUMBER	[B67109492] C67194441
SON0HHG2I32AHSR1B02 OFFB2F6	B67109492_C67204334	FLOAT	[B67109492] C67204334
SON0HHI2I32AHSR1B02 OFFB2F6	B67109492_C67194444	NUMBER	[B67109492] C67194444
SON0HHK2I32AHSR1B02 OFFB2F6	B67109492_C67204335	FLOAT	[B67109492] C67204335

7.42.4 HUA_PROCESSOR_DPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109516] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WKQJSH0SEK2AHRHQJ035XVPKR0	VS_DPU_CPULOAD_LESS	FLOAT	[B67109516] C67204465
WKQJSH2SEK2AHRHQJ035XVPKR0	VS_DPU_CPULOAD_MAX	FLOAT	[B67109516] C67194743
WKQJSH4SEK2AHRHQJ035XVPKR0	VS_DPU_CPULOAD_MEAN	FLOAT	[B67109516] C67204463
WKQJSH6SEK2AHRHQJ035XVPKR0	VS_DPU_CPULOAD_OVER	FLOAT	[B67109516] C67204464
SUIHNBFURP2AHRHR0035XVPKR0	B67109516_C67194748	NUMBER	[B67109516] C67194748
SUIHNBHURP2AHRHR0035XVPKR0	B67109516_C67204466	FLOAT	[B67109516] C67204466

7.42.5 HUA_PROCESSOR_GCU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109493] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNITURP2AHRHR0035XVPKR0	B67109493_C67194447	NUMBER	[B67109493] C67194447
SUIHNIVURP2AHRHR0035XVPKR0	B67109493_C67204336	FLOAT	[B67109493] C67204336
SUIHNIXURP2AHRHR0035XVPKR0	B67109493_C67204337	NUMBER	[B67109493] C67204337
SUIHNJ0URP2AHRHR0035XVPKR0	B67109493_C67204338	NUMBER	[B67109493] C67204338
SUIHNJ2URP2AHRHR0035XVPKR0	B67109493_C67194452	NUMBER	[B67109493] C67194452
SUIHNJ4URP2AHRHR0035XVPKR0	B67109493_C67204339	FLOAT	[B67109493] C67204339

7.42.6 HUA_PROCESSOR_HPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109401] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RANUS066E3BXGBOMB6N3YJWB2Q	VS_LESSCPULOAD_HPU	FLOAT	[B67109401] C67202923
TQC2E5FBWFCCYSJDIC04A2ONOF	VS_MAXCPUUTIL_HPU	FLOAT	[B67109401] C67189918
UIAN0ULOD6BFJUVGQUBOO06QXJ	VS_MEANCPUUTIL_HPU	FLOAT	[B67109401] C67202453
VG4IQRA51MB5ACVYVVWNR64Q36	VS_OVERCPULOAD_HPU	FLOAT	[B67109401] C67202922

7.42.7 HUA_PROCESSOR_INT_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B82833961] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPWVGXJ34H2AISPAB035Y0HF3V	INT_CPULOAD_MAX	NUMBER	[B82833961] C73403674
RPWVGXL34H2AISPAB035Y0HF3V	INT_CPULOAD_MEAN	FLOAT	[B82833961] C73415843
RPWVGXN34H2AISPAB035Y0HF3V	INT_CPULOAD_OVER	NUMBER	[B82833961] C73415844
RPWVGXP34H2AISPAB035Y0HF3V	INT_CPULOAD_LESS	NUMBER	[B82833961] C73415845

7.42.8 HUA_PROCESSOR_LPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109462] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WUILUJHDP0CCSDBIFBM5LVMIOP	VS_MAXCPUUTIL_LPU	FLOAT	[B67109462] C67191646
TB3FKHFVC5CUATLEPWY3VYSSNE	VS_MEANCPUUTIL_LPU	FLOAT	[B67109462] C67191647
Y41UPYEVPCBE3E1VE54RE0SSU4	VS_OVERCPULOAD_LPU	FLOAT	[B67109462] C67191648
W22563BJAVCKBRSS2A1SJ2B3UL	VS_MAXMEMUTIL_LPU	FLOAT	[B67109462] C67191649
Y1JYJL4BTOCJXSJW1EAA	VS_MEANMEMUTIL_	FLOAT	[B67109462] C67190767

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7.42.9 HUA_PROCESSOR_MPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109537] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNOTURP2AHRHR0035XVPKR0	B67109537_C67195023	NUMBER	[B67109537] C67195023
SUIHNOVURP2AHRHR0035XVPKR0	B67109537_C67204516	FLOAT	[B67109537] C67204516
SUIHNOXURP2AHRHR0035XVPKR0	B67109537_C67204517	NUMBER	[B67109537] C67204517
SUIHNP0URP2AHRHR0035XVPKR0	B67109537_C67204518	NUMBER	[B67109537] C67204518
SUIHNP2URP2AHRHR0035XVPKR0	B67109537_C67195028	NUMBER	[B67109537] C67195028
SUIHNP4URP2AHRHR0035XVPKR0	B67109537_C67204730	FLOAT	[B67109537] C67204730
SUIHNP6URP2AHRHR0035XVPKR0	B67109537_C67195031	NUMBER	[B67109537] C67195031
SUIHNPBURP2AHRHR0035XVPKR0	B67109537_C67204519	FLOAT	[B67109537] C67204519
SUIHNPDURP2AHRHR0035XVPKR0	B67109537_C67195034	NUMBER	[B67109537] C67195034
SUIHNPFURP2AHRHR0035XVPKR0	B67109537_C67204520	FLOAT	[B67109537] C67204520
SUIHNPHURP2AHRHR0035XVPKR0	B67109537_C67204521	FLOAT	[B67109537] C67204521
SUIHNPJURP2AHRHR0035XVPKR0	B67109537_C67204522	FLOAT	[B67109537] C67204522
W3A6M2QV1UBE0R5T531SP4DFFN	VS_MAXCPUUTIL_MPU	FLOAT	[B67109461] C67191641

VBN36EXUW0BFFR32FITDO6IHPP	VS_MEANCPUUTIL_MPU	FLOAT	[B67109461] C67191642
XDYFCYHVS4COSRNLBITMRFWFIT	VS_OVERCPULOAD_MPU	FLOAT	[B67109461] C67191643
WFCQ2XLOARCD6BOQKQ6XFBV264	VS_MAXMEMUTIL_MPU	FLOAT	[B67109461] C67191644
YWNR3LX4WXBC2DP1T63PD65OH4	VS_MEANMEMUTIL_MPU	FLOAT	[B67109461] C67191645

7.42.10HUA_PROCESSOR_MUX_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109418] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY1BLUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_NUM_MUX	NUMBER	[B67109418] C67193436
XLSNY1DLUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_FAIL_NUM_MUX	NUMBER	[B67109418] C67193437
U65R6VFMIVB6BE6H2P2RLIUXHX	VS_CPUUTIL_MUX_DENO	NUMBER	[B67109418] C66666628
Y0WBELCAEFCLODYLMQXI2WJGTD	VS_CPUUTIL_MUX_NUM	NUMBER	[B67109418] C66666629
WID1ITGAK2CSIR4VIWWLA3DG1X	VS_LESSCPULOAD_MUX	FLOAT	[B67109418] C67202927
X53CR1T4RMBJOTUAYWFTBBSYHB	VS_MAXCPUUTIL_MUX	FLOAT	[B67109418] C67190494
UY41GOWXQWBGTS1UJBWCJJDAE1	VS_MEANCPUUTIL_MUX	FLOAT	[B67109418] C67202564
T4S1F14LMHCATTNAJWWGSSUP36	VS_OVERCPULOAD_MUX	FLOAT	[B67109418] C67202926

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7.42.11HUA_PROCESSOR_NET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109463] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WRVV0M30E1B0DS1P0FWXWJ2V14	VS_MAXCPUUTIL_NET	FLOAT	[B67109463] C67190768
RPU54PKPGPCUTS3XFHLHHS5HVR	VS_MEANCPUUTIL_NET	FLOAT	[B67109463] C67190769
TNUKRJQCWXC4QT2I6M2CXG56PP	VS_OVERCPULOAD_NET	FLOAT	[B67109463] C67190770
YQIWLF6VCTBJVE5KSM3RMIODET	VS_MAXMEMUTIL_NET	FLOAT	[B67109463] C67190771
VDNVPQHBVKCAGSACEVILU31OAX	VS_MEANMEMUTIL_NET	FLOAT	[B67109463] C67190772

7.42.12HUA_PROCESSOR_PIU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109494] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYAXLUI2AIDKRB02OFAWJHK	VS_PIU_CFG_INTERWORKING_NUM	NUMBER	[B67109494] C67196208
XLSNYB0LUI2AIDKRB02OFAWJHK	PIU_CFG_INTERWORKING_FAIL_NUM	NUMBER	[B67109494] C67196209
WKQJSHBSEK2AHRHQJ035XVPKR0	VS_PIU_CPULOAD_LESS	FLOAT	[B67109494] C67204343
WKQJSHDSEK2AHRHQJ035XVPKR0	VS_PIU_CPULOAD_MAX	FLOAT	[B67109494] C67194458
WKQJSHFSEK2AHRHQJ035	VS_PIU_CPULOAD_M	FLOAT	[B67109494] C67204341

XVPKR0	EAN		
WKQJSHHSEK2AHRHQJ035XVPKR0	VS_PIU_CPULOAD_OVER	FLOAT	[B67109494] C67204342
SUIHNJ6URP2AHRHR0035XVPKR0	B67109494_C67194463	NUMBER	[B67109494] C67194463
SUIHNJBURP2AHRHR0035XVPKR0	B67109494_C67204344	FLOAT	[B67109494] C67204344

7.42.13HUA_PROCESSOR_SCU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109515] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WKQJSGHSEK2AHRHQJ035XVPKR0	VS_SCU_CPULOAD_LESS	FLOAT	[B67109515] C67204469
WKQJSGJSEK2AHRHQJ035XVPKR0	VS_SCU_CPULOAD_MAX	FLOAT	[B67109515] C67194751
WKQJSGLSEK2AHRHQJ035XVPKR0	VS_SCU_CPULOAD_MEAN	FLOAT	[B67109515] C67204467
WKQJSGNSEK2AHRHQJ035XVPKR0	VS_SCU_CPULOAD_OVER	FLOAT	[B67109515] C67204468
SUIHNBJURP2AHRHR0035XVPKR0	B67109515_C67194756	NUMBER	[B67109515] C67194756
SUIHNBLURP2AHRHR0035XVPKR0	B67109515_C67204470	FLOAT	[B67109515] C67204470

7.42.14HUA_PROCESSOR_SPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHA	[B67109453] (RNC_Id & "/"

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		R2(255)	& Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY30LUI2AIDKRB02OFAWJHK	VS_RRC_ATTCONNESTAB_SPU	NUMBER	[B67109453] C67193077
XLSNY32LUI2AIDKRB02OFAWJHK	VS_RRC_SUCCCONNESTAB_SPU	NUMBER	[B67109453] C67193078
XLSNY34LUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTAB_AMR_SPU	NUMBER	[B67109453] C67193079
XLSNY36LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTAB_AMR_SPU	NUMBER	[B67109453] C67193080
XLSNY3BLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTCS_CONV_64_SPU	NUMBER	[B67109453] C67193081
XLSNY3DLUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTCS_CONV_64_SPU	NUMBER	[B67109453] C67193082
XLSNY3FLUI2AIDKRB02OFAWJHK	VS_HSDPA_RAB_ATTESTAB_SPU	NUMBER	[B67109453] C67193083
XLSNY3HLUI2AIDKRB02OFAWJHK	VS_HSDPA_RAB_SUCCESTAB_SPU	NUMBER	[B67109453] C67193084
XLSNY3JLUI2AIDKRB02OFAWJHK	VS_HSUPA_RAB_ATTESTAB_SPU	NUMBER	[B67109453] C67193085
XLSNY3LLUI2AIDKRB02OFAWJHK	VS_HSUPA_RAB_SUCCESTAB_SPU	NUMBER	[B67109453] C67193086
XLSNY3NLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTABPS_SPU	NUMBER	[B67109453] C67193087
XLSNY3PLUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTABPS_SPU	NUMBER	[B67109453] C67193088
XLSNY3RLUI2AIDKRB02OFAWJHK	VS_RAB_REL_ABNORM_AMR_SPU	NUMBER	[B67109453] C67193089
XLSNY3TLUI2AIDKRB02OFAWJHK	VS_RAB_REL_NORM_AMR_SPU	NUMBER	[B67109453] C67193090
XLSNY3VLUI2AIDKRB02OFAWJHK	RAB_REL_ABNORM_CS_CONV64K_SPU	NUMBER	[B67109453] C67193091
XLSNY3XLUI2AIDKRB02OFAWJHK	VS_RAB_REL_NORM_CS_CONV64K_SPU	NUMBER	[B67109453] C67193092

XLSNY40LUI2AIDKRB02OFAWJHK	VS_RAB_REL_ABNORM_PS_SPU	NUMBER	[B67109453] C67193093
XLSNY42LUI2AIDKRB02OFAWJHK	VS_RAB_REL_NORM_PS_SPU	NUMBER	[B67109453] C67193094
V5A2L3N6KQCLCC3ERAJVWO3LI3	VS_LESSCPULOAD_SPU	FLOAT	[B67109453] C67202925
UMNH2C3BHWCN5RYWQEA0OIEY1O	VS_MAXCPUUTIL_SPU	FLOAT	[B67109453] C67183875
TJCSCHVESOCUXU3QO2CLRXC1KC	VS_MAXMEMUTIL_SPU	FLOAT	[B67109453] C67183878
XC52ENQNJPCGDT1TLYUWLHWNBN	VS_MEANCPUUTIL_SPU	FLOAT	[B67109453] C67199674
R5GRN0DG6ICN5BL0LBR3UHACKH	VS_MEANMEMUTIL_SPU	FLOAT	[B67109453] C67199675
S1XJQ4JYMUC2XRSMEM0HLQE6OS	VS_OVERCPULOAD_SPU	FLOAT	[B67109453] C67202924
YDOVRHQ1KXBAPSW44UUVA2NCOR	VS_CSLOAD_ERLANG_EQUIV_SPU	FLOAT	[B67109453] C67203413
VVQ00RJ43XBPNCAVHDWUDVFTQA	VS_PSLOAD_ULTHRUPUT_SPU	FLOAT	[B67109453] C67203414
VHQ02TOM5GCEQC0UE0C1TOWOJM	VS_PSLOAD_DLTHRUPUT_SPU	FLOAT	[B67109453] C67203415

7.42.15HUA_PROCESSOR_SPU_V200_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109453_V200] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHN0XURP2AHRHR0035XVPKR0	B67109453_V200_C67203413	FLOAT	[B67109453_V200] C67203413

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SUIHN10URP2AHRHR0035XVPKR0	B67109453_V200_C67193963	NUMBER	[B67109453_V200] C67193963
SUIHN12URP2AHRHR0035XVPKR0	B67109453_V200_C67204301	FLOAT	[B67109453_V200] C67204301
SUIHN14URP2AHRHR0035XVPKR0	B67109453_V200_C67204302	NUMBER	[B67109453_V200] C67204302
SUIHN16URP2AHRHR0035XVPKR0	B67109453_V200_C67204303	NUMBER	[B67109453_V200] C67204303
SUIHN1BURP2AHRHR0035XVPKR0	B67109453_V200_C67193968	NUMBER	[B67109453_V200] C67193968
SUIHN1DURP2AHRHR0035XVPKR0	B67109453_V200_C67204508	FLOAT	[B67109453_V200] C67204508
SUIHN1FURP2AHRHR0035XVPKR0	B67109453_V200_C67193971	NUMBER	[B67109453_V200] C67193971
SUIHN1HURP2AHRHR0035XVPKR0	B67109453_V200_C67204304	FLOAT	[B67109453_V200] C67204304
SUIHN1JURP2AHRHR0035XVPKR0	B67109453_V200_C67193974	NUMBER	[B67109453_V200] C67193974
SUIHN1LURP2AHRHR0035XVPKR0	B67109453_V200_C67204305	FLOAT	[B67109453_V200] C67204305

7.42.16HUA_PROCESSOR_WFMR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109397] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXRDLUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_NUM_FMR	NUMBER	[B67109397] C67193438
XLSNXRFLUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_FAIL_NUM_FMR	NUMBER	[B67109397] C67193439
URMUFEWFXLBAETRI0UVWIPIGJY	VS_CPUUTIL_FMR_DENO	NUMBER	[B67109397] C66666630
T6XNHJYYG2BUPS6FP2LRA	VS_CPUUTIL_FMR_N	NUMBER	[B67109397] C66666631

JF2OV	UM		
W1OFRDRJIHB3UEX1WCXL415U46	VS_LESSCPULOAD_FMR	FLOAT	[B67109397] C67202929
YVV4TCF3DPCBVCFFVHTUIPN6O1	VS_MAXCPUUTIL_FMR	FLOAT	[B67109397] C67190497
SFB5G0AUC1CLWUEEULR35O5AX5	VS_MEANCPUUTIL_FMR	FLOAT	[B67109397] C67202565
UKKFHJFOCKB5GUUNLYBWEUM6G0	VS_OVERCPULOAD_FMR	FLOAT	[B67109397] C67202928

7.42.17HUA_PROCESSOR_XIE_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B67109404] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNXSXLUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_NUM_INT	NUMBER	[B67109404] C67193440
XLSNXT0LUI2AIDKRB02OFAWJHK	CFG_INTERWORKING_FAIL_NUM_INT	NUMBER	[B67109404] C67193441
UM0GXBT262CFGBJANUB5CQ6PF6	VS_LESSCPULOAD_INT	FLOAT	[B67109404] C67202931
WXWUFLN3KUCTRE4G3YNV101FTN	VS_MAXCPUUTIL_INT	FLOAT	[B67109404] C67190500
UE1OLO05QBCNRB23EBI62342GU	VS_MEANCPUUTIL_INT	FLOAT	[B67109404] C67202566
YAAMIFF5KFB0DRO0TFUUCYXNW2	VS_OVERCPULOAD_INT	FLOAT	[B67109404] C67202930

7.42.18HUA_PROCESSOR_XPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
PROCESSOR_ID		VARCHAR2(255)	[B82833917] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPWVGXB34H2AISPAB035Y0HF3V	XPU_CPULOAD_MAX	NUMBER	[B82833917] C73390062
RPWVGXD34H2AISPAB035Y0HF3V	XPU_CPULOAD_MEAN	FLOAT	[B82833917] C73415210
RPWVGXF34H2AISPAB035Y0HF3V	XPU_CPULOAD_OVER	NUMBER	[B82833917] C73415211
RPWVGXH34H2AISPAB035Y0HF3V	XPU_CPULOAD_LESS	NUMBER	[B82833917] C73415212

7.43 Raw QosQueue Tables

7.43.1 HUA_QOSQUEUE_QQ_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
QOSQUEUE_ID		VARCHAR2(50)	[B67109513] QosQueue_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGXBIYY2AHDHA0035XKCUC6	VS_IP_BYTETXQOSQUEUE	NUMBER	[B67109513] C67192405
UB2WGXHIYY2AHDHA0035XKCUC6	VS_IP_PKTDROPQOSQUEUE	NUMBER	[B67109513] C67192406
UB2WGXPIYY2AHDHA0035XKCUC6	VS_IP_PKTTXQOSQUEUE	NUMBER	[B67109513] C67192411

7.44 Raw RNC Tables

7.44.1 HUA_CNOPERATOR_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[B67109519] RNC_Id
CNOPERATOR_ID		VARCHAR2(50)	[B67109519] CNNAME & "/" & CNINDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYB6LUI2AIDKRB02OFAWJHK	VS_AMR_ERLANG_EQUIV_PLMN_RNC	FLOAT	[B67109519] C67204835
XLSNYBBLUI2AIDKRB02OFAWJHK	VS_VP_ERLANG_EQUIV_PLMN_RNC	FLOAT	[B67109519] C67204836
XLSNYBDLUI2AIDKRB02OFAWJHK	VS_PS_CELLDCHUES_PLMN	FLOAT	[B67109519] C67204840
YKAYW10UPW2AHRHR0035XVPKR0	B67109519_C67204145	FLOAT	[B67109519] C67204145
YKAYW12UPW2AHRHR0035XVPKR0	B67109519_C67193010DIFF	NUMBER	[B67109519] C67193010
YKAYW14UPW2AHRHR0035XVPKR0	B67109519_C67204146	FLOAT	[B67109519] C67204146
YKAYW16UPW2AHRHR0035XVPKR0	B67109519_C67193013DIFF	NUMBER	[B67109519] C67193013
YKAYW1BUPW2AHRHR0035XVPKR0	B67109519_C67204147	FLOAT	[B67109519] C67204147
YKAYW1DUPW2AHRHR0035XVPKR0	B67109519_C67193016DIFF	NUMBER	[B67109519] C67193016
YKAYW1FUPW2AHRHR0035XVPKR0	B67109519_C67204148	FLOAT	[B67109519] C67204148
YKAYW1HUPW2AHRHR0035XVPKR0	B67109519_C67193019DIFF	NUMBER	[B67109519] C67193019
YKAYW1JUPW2AHRHR0035XVPKR0	B67109519_C67204149	FLOAT	[B67109519] C67204149
YKAYW1LUPW2AHRHR0035XVPKR0	B67109519_C67193022DIFF	NUMBER	[B67109519] C67193022

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YKAYW2TUPW2AHRHR0035XVPKR0	B67109519_C67203962	FLOAT	[B67109519] C67203962
YKAYW2VUPW2AHRHR0035XVPKR0	B67109519_C67192511DIFF	NUMBER	[B67109519] C67192511
SON0HG32I32AHSR1B02OFFB2F6	B67109519_C67203963	FLOAT	[B67109519] C67203963
SON0HG52I32AHSR1B02OFFB2F6	B67109519_C67192514	NUMBER	[B67109519] C67192514
SON0HGA2I32AHSR1B02OFFB2F6	B67109519_C67203964	FLOAT	[B67109519] C67203964
SON0HGC2I32AHSR1B02OFFB2F6	B67109519_C67192517	NUMBER	[B67109519] C67192517

7.44.2 HUA_PDCPGTPU_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109437] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ3BUPW2AHRHR0035XVPKR0	B67109437_C67204484	FLOAT	[B67109437] C67204484
YEARQ3DUPW2AHRHR0035XVPKR0	B67109437_C67204485	FLOAT	[B67109437] C67204485
YEARQ3FUPW2AHRHR0035XVPKR0	B67109437_C67204486	FLOAT	[B67109437] C67204486

7.44.3 HUA_R99HSDPAHSUPAMBMS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109460] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYW0FUPW2AHRHR003	B67109460_C6720413	FLOAT	[B67109460] C67204135

5XVPKR0	5		
YKAYW0HUPW2AHRHR0035XVPKR0	B67109460_C67192985	NUMBER	[B67109460] C67192985
YKAYW0JUPW2AHRHR0035XVPKR0	B67109460_C67204136	FLOAT	[B67109460] C67204136
YKAYW0LUPW2AHRHR0035XVPKR0	B67109460_C67192988	NUMBER	[B67109460] C67192988
YKAYW0NUPW2AHRHR0035XVPKR0	B67109460_C67204137	FLOAT	[B67109460] C67204137
YKAYW0PUPW2AHRHR0035XVPKR0	B67109460_C67192991	NUMBER	[B67109460] C67192991
YKAYW0RUPW2AHRHR0035XVPKR0	B67109460_C67204138	FLOAT	[B67109460] C67204138
YKAYW0TUPW2AHRHR0035XVPKR0	B67109460_C67192994	NUMBER	[B67109460] C67192994
YKAYW0VUPW2AHRHR0035XVPKR0	B67109460_C67204139	FLOAT	[B67109460] C67204139
YKAYW0XUPW2AHRHR0035XVPKR0	B67109460_C67192997	NUMBER	[B67109460] C67192997

7.44.4 HUA_RNC_AMR_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109435] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TDCGMYCULDBM3EXSGISB3ADAAD	VS_AMR_RB_DL_10_2	FLOAT	[B67109435] C67202489
R3M3FJ52U0BK1EBF5WIFHL1V63	VS_AMR_RB_DL_12_2	FLOAT	[B67109435] C67202490

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T0DX1CQFYECRSRWLIGYPK4WXNM	VS_AMR_RB_DL_4_75	FLOAT	[B67109435] C67202491
XPN0XH1KV5CTPT6UV6X02V3IIY	VS_AMR_RB_DL_5_15	FLOAT	[B67109435] C67202492
R5ONWG3A1FB40CBTPC4OBJEDV6	VS_AMR_RB_DL_5_9	FLOAT	[B67109435] C67202493
YQ4BOVFOXRBDSB03L3O5U14EOQ	VS_AMR_RB_DL_6_7	FLOAT	[B67109435] C67202563
S6MSCL4NTSBG3T3EGPWQUWXVQQ	VS_AMR_RB_DL_7_4	FLOAT	[B67109435] C67202494
SI1NGM6K04BGDBCVRRYLUYW015	VS_AMR_RB_DL_7_95	FLOAT	[B67109435] C67202495
VVE5WUUNFMCSCEJBB3YU4IFR1N	VS_AMR_RB_UL_10_2	FLOAT	[B67109435] C67202496
U4NXSOWTLXCJECE43OBYALVLPQ	VS_AMR_RB_UL_12_2	FLOAT	[B67109435] C67202497
S4R2OFJ6RACNUR6EASVIKXATES	VS_AMR_RB_UL_4_75	FLOAT	[B67109435] C67202498
TT1RUXM05YBUTR6N2LWBRV6GQ6	VS_AMR_RB_UL_5_15	FLOAT	[B67109435] C67202499
YHXS4IW1WQBPLS0AWRYTSE32SR	VS_AMR_RB_UL_5_9	FLOAT	[B67109435] C67202488
VDKTWL2IDHCVVR10PXTPEB43HG	VS_AMR_RB_UL_6_7	FLOAT	[B67109435] C67202562
XGO5DH42K1CMKDJEI1FEV52RXU	VS_AMR_RB_UL_7_4	FLOAT	[B67109435] C67202500
SLO3QALWMWC0IEH5DVJMCFQMF1	VS_AMR_RB_UL_7_95	FLOAT	[B67109435] C67202501

7.44.5 HUA_RNC_AMRWB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109435] RNC_Id
TSTAMP		DATE	

INSTANCE_ID		NUMBER	
UB2WGP6IYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_12_65	FLOAT	[B67109435] C67203827
UB2WGPBIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_14_25	FLOAT	[B67109435] C67203826
UB2WGPDIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_15_85	FLOAT	[B67109435] C67203825
UB2WGPFIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_18_25	FLOAT	[B67109435] C67203824
UB2WGPHIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_19_85	FLOAT	[B67109435] C67203823
UB2WGPJIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_23_05	FLOAT	[B67109435] C67203822
UB2WGPLIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_23_85	FLOAT	[B67109435] C67203821
UB2WGPNIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_6_60	FLOAT	[B67109435] C67203829
UB2WGPPIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_DL_8_85	FLOAT	[B67109435] C67203828
UB2WGPRIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_12_65	FLOAT	[B67109435] C67203836
UB2WGPTIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_14_25	FLOAT	[B67109435] C67203835
UB2WGPVIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_15_85	FLOAT	[B67109435] C67203834
UB2WGPXIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_18_25	FLOAT	[B67109435] C67203833
UB2WGQ0IYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_19_85	FLOAT	[B67109435] C67203832
UB2WGQ2IYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_23_05	FLOAT	[B67109435] C67203831
UB2WGQ4IYY2AHDHA0035	VS_AMR_WB_RB_U	FLOAT	[B67109435] C67203830

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XKCUC6	L_23_85		
UB2WGQ6IYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_6_60	FLOAT	[B67109435] C67203838
UB2WGQBIYY2AHDHA0035XKCUC6	VS_AMR_WB_RB_UL_8_85	FLOAT	[B67109435] C67203837

7.44.6 HUA_RNC_DL_INTER_PS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
V0PK2XFLARCYCC3XW6S2M54H2R	VS_RB_DLINTERPS_128_RNC	FLOAT	[B67109440] C67202652
UUYONI6D5PCEGRRMCX2YTRENCG	VS_RB_DLINTERPS_144_RNC	FLOAT	[B67109440] C67202649
SMTHG646GLB34CKYAP2RIYSBSB	VS_RB_DLINTERPS_16_RNC	FLOAT	[B67109440] C67202661
YCID0FKMFKBRLU45DHMTLB32DP	VS_RB_DLINTERPS_256_RNC	FLOAT	[B67109440] C67202646
UM0WL1KPEXB6CR3TB6Q5S3OKRV	VS_RB_DLINTERPS_32_RNC	FLOAT	[B67109440] C67202658
X3B6TQRSGLCWHTGWYIDCUF1XBF	VS_RB_DLINTERPS_384_RNC	FLOAT	[B67109440] C67202643
T04VEWNLQVCCVC0BMHPYAA3JP4	VS_RB_DLINTERPS_64_RNC	FLOAT	[B67109440] C67202655
VQSBECLBUTCWNS6XMAOXNTAMBP	VS_RB_DLINTERPS_8_RNC	FLOAT	[B67109440] C67202664

7.44.7 HUA_RNC_HARD_HO_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109447] RNC_Id

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGT6IYY2AHDHA0035XKCUC6	VS_HHO_ATT_INTRAFREQ_RNC	NUMBER	[B67109447] C67192284
UB2WGUBIYY2AHDHA0035XKCUC6	VS_HHO_SUCC_INTRAFREQ_RNC	NUMBER	[B67109447] C67192285
YVBTLCYTFEBB3U62AFAVIQSTE0	VS_HHO_ATT_RNC	NUMBER	[B67109447] C67175426
VP64WBI63WBDWSDBNS4N5VEJ60	VS_HHO_EVAL_RNC	NUMBER	[B67109447] C67175425
U6RA6XCAQWB33RPP41RATILBVF	VS_HHO_INTERFREQ_ATT_RNC	NUMBER	[B67109447] C67175428
SNXDJGC01TBLUUSADGQGREW0QN	VS_HHO_INTERFREQ_DROP_RNC	NUMBER	[B67109447] C67175430
RCHYMRAD31CRBBEHOOXME3KB62	VS_HHO_INTERFREQ_SUCC_RNC	NUMBER	[B67109447] C67175429
RRBQOQNK10BDJETHTDQRGNUU5S	VS_HHO_INTRAFREQ_DROP_RNC	NUMBER	[B67109447] C67175431
RIDSSXOLI5C6PD1OAURYWQHB5N	VS_HHO_SUCC_RNC	NUMBER	[B67109447] C67175427

7.44.8 HUA_RNC_HSDPA_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109390_RNC_GRP] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPSHUPW2AHRHR0035XVPKR0	B67109390_RNC_GRP_C67204510	FLOAT	[B67109390_RNC_GRP] C67204510

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YEARPSJUPW2AHRHR0035X VPKR0	B67109390_RNCGRP_C 67194867	NUMBER	[B67109390_RNC_GRP] C67194867
YEARPSLUPW2AHRHR0035X VPKR0	B67109390_RNC_GRP_ C67204511	FLOAT	[B67109390_RNC_GRP] C67204511
YEARPSNUPW2AHRHR0035X VPKR0	B67109390_RNCGRP_C 67194869	NUMBER	[B67109390_RNC_GRP] C67194869
YEARPSPUPW2AHRHR0035X VPKR0	B67109390_RNC_GRP_ C67204512	FLOAT	[B67109390_RNC_GRP] C67204512
YEARPSRUPW2AHRHR0035X VPKR0	B67109390_RNCGRP_C 67194871	NUMBER	[B67109390_RNC_GRP] C67194871
YEARQBFUPW2AHRHR0035X VPKR0	B67109390_RNC_GRP_ C67195508	NUMBER	[B67109390_RNC_GRP] C67195508
YEARQBHUPW2AHRHR0035 XVPKR0	B67109390_RNC_GRP_ C67195509	NUMBER	[B67109390_RNC_GRP] C67195509
YEARQBJUPW2AHRHR0035X VPKR0	B67109390_RNC_GRP_ C67195511	NUMBER	[B67109390_RNC_GRP] C67195511
YEARQBLUPW2AHRHR0035X VPKR0	B67109390_RNC_GRP_ C67195512	NUMBER	[B67109390_RNC_GRP] C67195512
UFJTSX502X2AHSR1B035YIJP VO	HSDPA_RAB_ATTEST AB_BE_GOLDEN	NUMBER	[B67109390_RNC_GRP] C67195507
UFJTSXA02X2AHSR1B035YIJ PVO	HSDPA_RAB_SUCCES TAB_BE_GOLDEN	NUMBER	[B67109390_RNC_GRP] C67195510
WNHDERXJC4B2EDUGXVUH 0ISRWU	VS_HSDPA_MACD_ME AN_CELL	FLOAT	[B67109390_RNC_GRP] C67202941
T1UYYCKNPOBWOUADSWM CKV1UC3	VS_HSDPA_RAB_LOSS _NORM	NUMBER	[B67109390_RNC_GRP] C67191164
XBNRGUH1JAB6CB5LBXE6N PISK3	VS_HSDPA_RAB_SUC CESTAB	NUMBER	[B67109390_RNC_GRP] C67190705
Y0MURN6L4RB33U2OECFPQ O6XB3	VS_HSDPA_MACDFAI LDELPERCELL	NUMBER	[B67109390_RNC_GRP] C67189837
SN24YCIJW5BLODV6WSGOS GNCOK	VS_HSDPA_MEANCHT HRUPUT_TOTBYTE	FLOAT	[B67109390_RNC_GRP] C67189840
RCKDC6TEDMBXMCYDWYN LD3SB2Y	VS_HSDPA_MACDFAI LSTPPERCELL	NUMBER	[B67109390_RNC_GRP] C67189836
SN600RFO2JCAIRWBDGAXI3	VS_HSDPA_RAB_ATT	NUMBER	[B67109390_RNC_GRP]

RBGW	ESTAB		C67190704
XBHN04H46RCM6DRJOQJHSEDIRI	VS_HSDPA_MACD_ABNORMREL	NUMBER	[B67109390_RNC_GRP] C67190689
T21W1SA5DPCMTTFFPBLD3A6UYF	VS_HSDPA_MACDSUCCSTPPERCELL	NUMBER	[B67109390_RNC_GRP] C67189834
XTV5VJ3LDMCEUSAJ4DS4YSRA1D	VS_HSDPA_MEANCHTHROUGHPUT	FLOAT	[B67109390_RNC_GRP] C67202894
UTYHOAWUKVBWEE40VEBKCT11QO	VS_HSDPA_MEANCHTHRUPUT_TIMES	FLOAT	[B67109390_RNC_GRP] C67190567
UTTIO2DJBGC3XUTCRFHQMH0BBH	VS_HSDPA_MACDSUCCDELPERCELL	NUMBER	[B67109390_RNC_GRP] C67189835
YYKK2YAFH6CICBRDHNXH30HPM5	VS_HSDPA_RAB_LOSS_INACTIVITY	NUMBER	[B67109390_RNC_GRP] C67191161
RYKIYPEA64BJDT4254EVYQWWYQ	VS_HSDPA_RAB_LOSS_ABNORM_NONRF	NUMBER	[B67109390_RNC_GRP] C67191162
X4U12VFEYECGVDI02LHFXFAJE3	VS_HSDPA_RAB_LOSS_RF	NUMBER	[B67109390_RNC_GRP] C67191163
W54TD33TQECOISMJ3HT5KUVTWF	VS_HSDPA_UE_MEAN_CELL	FLOAT	[B67109390_RNC_GRP] C67202932
TYPIHON65UBJTEI4YGNY3OMQCV	VS_HSDPA_MACD_REL	NUMBER	[B67109390_RNC_GRP] C67190688

7.44.9 HUA_RNC_HSUPA_AGGFRCELL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109471_RNC_GRP] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARPTTUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67204513	FLOAT	[B67109471_RNC_GRP] C67204513

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YEARPTVUPW2AHRHR0035XVPKR0	B67109471_RNCGRP_C67194873	NUMBER	[B67109471_RNC_GRP] C67194873
YEARPTXUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67204514	FLOAT	[B67109471_RNC_GRP] C67204514
YEARPU0UPW2AHRHR0035XVPKR0	B67109471_RNCGRP_C67194875	NUMBER	[B67109471_RNC_GRP] C67194875
YEARPU2UPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67204515	FLOAT	[B67109471_RNC_GRP] C67204515
YEARPU4UPW2AHRHR0035XVPKR0	B67109471_RNCGRP_C67194889	NUMBER	[B67109471_RNC_GRP] C67194889
YEARQCFUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192969	NUMBER	[B67109471_RNC_GRP] C67192969
YEARQCHUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192970	NUMBER	[B67109471_RNC_GRP] C67192970
YEARQCJUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192971	NUMBER	[B67109471_RNC_GRP] C67192971
YEARQCLUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192972	NUMBER	[B67109471_RNC_GRP] C67192972
YEARQCNUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192973	NUMBER	[B67109471_RNC_GRP] C67192973
YEARQCPUPW2AHRHR0035XVPKR0	B67109471_RNC_GRP_C67192974	NUMBER	[B67109471_RNC_GRP] C67192974
RUWXMBRJG32AHDHAJ035XKCUC6	HSUPA_MACDFAILDELPERCELL	NUMBER	[B67109471_RNC_GRP] C67192113
RUWXMBTJG32AHDHAJ035XKCUC6	HSUPA_MACDFAILSTPPERCELL	NUMBER	[B67109471_RNC_GRP] C67192111
RUWXMBVJG32AHDHAJ035XKCUC6	HSUPA_MACDSUCCDELPERCELL	NUMBER	[B67109471_RNC_GRP] C67192112
RUWXMBXJG32AHDHAJ035XKCUC6	HSUPA_MACDSUCCSTPPERCELL	NUMBER	[B67109471_RNC_GRP] C67192110
RUWXMC0JG32AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT	FLOAT	[B67109471_RNC_GRP] C67203932
RUWXMC2JG32AHDHAJ035XKCUC6	HSUPA_MEANCHTHROUGHPUT_TIMES	NUMBER	[B67109471_RNC_GRP] C67192487
RUWXMC4JG32AHDHAJ035	HSUPA_MEANCHTHR	NUMBER	[B67109471_RNC_GRP]

XKCUC6	OUGHPUT_TOTBYTE		C67192486
RUWXMC6JG32AHDHAJ035XKCUC6	HSUPA_RAB_ATTESTAB	NUMBER	[B67109471_RNC_GRP] C67192114
RUWXMCBJG32AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_ABNORM	NUMBER	[B67109471_RNC_GRP] C67192364
RUWXMCDJG32AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_NORM	NUMBER	[B67109471_RNC_GRP] C67192365
RUWXMCFJG32AHDHAJ035XKCUC6	HSUPA_RAB_LOSS_UEGEN	NUMBER	[B67109471_RNC_GRP] C67192366
RUWXMCHJG32AHDHAJ035XKCUC6	HSUPA_RAB_SUCCESTAB	NUMBER	[B67109471_RNC_GRP] C67192115
RUWXMCJJG32AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_ATT	NUMBER	[B67109471_RNC_GRP] C67192370
RUWXMCLJG32AHDHAJ035XKCUC6	HSUPA_SHO_SERVCELLCHG_SUCC	NUMBER	[B67109471_RNC_GRP] C67192369
RUWXMCNJG32AHDHAJ035XKCUC6	VS_HSUPA_UE_MEAN_CELL	FLOAT	[B67109471_RNC_GRP] C67203850

7.44.10HUA_RNC_IMS_STATISTICS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109449] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
ULU3NDAX34BMUSKE0I2EMHCRQS	VS_IMS_NUMSERVCHG	NUMBER	[B67109449] C67202547
REITU4AILDCCQCNKXWGXVNGOOR	VS_IMS_NUMSIGUSER	NUMBER	[B67109449] C67202546
X4CWRVOIYGBLBBEFNNJLHKJAXT	VS_RABCMB_NUMIMS_CON64_64	FLOAT	[B67109449] C67202545

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VC04JVJNCKBMXT4SH21FD5DDPC	VS_RABCMB_NUMIMS_CON8_8	FLOAT	[B67109449] C67202542
TKDPRXIWM0BTWD0DRNKEEMI0HR	VS_RABCMB_NUMIMS_INT8_8	FLOAT	[B67109449] C67202543
Y62E1DA6VDCLVSDA215LL56QM4	VS_RABCMB_NUMIMS_STR64_64	FLOAT	[B67109449] C67202544
XMABQ6GJYOBCMUYOWW41Y2QQNA	VS_RABCMB_NUMIMS_STR8_8	FLOAT	[B67109449] C67202541
YURC5Y1AGHCTLC5335ABNQFJEK	VS_RABCMB_SETTIMIMS_CON64_64	NUMBER	[B67109449] C67202551
UT1L6A1BV1B0LC361J5MI66TTP	VS_RABCMB_SETTIMIMS_CON8_8	NUMBER	[B67109449] C67202548
VU324M4JYKCWBCAU5L1HO5JKS3	VS_RABCMB_SETTIMIMS_INT8_8	NUMBER	[B67109449] C67202549
T50S3EOXNNBHUC6RPWE4P2T4UH	VS_RABCMB_SETTIMIMS_STR64_64	NUMBER	[B67109449] C67202550
XUCOQQ2OASBURS3BYRST55CSXF	VS_RABCMB_SETTIMIMS_STR8_8	NUMBER	[B67109449] C67202552
XQEA4B4QUAB42DNNTDVBLVLI54	VS_RABCMB_IMSSIGCON16_64	FLOAT	[B67109449] C67203419
U62BG0IYIECEMCB2VODU2DSQJS	VS_RABCMB_IMSSIGCON8_16	FLOAT	[B67109449] C67203420
RIDEPD4P4JBRLSDVUNX6B1HNU0	VS_RABCMB_IMSSIGCON8_32	FLOAT	[B67109449] C67203421
W24R4XEUYXBVVSSO0UNLANUWXS	VS_RABCMB_IMSSIGCON16_16	FLOAT	[B67109449] C67203422
SGAKLPYKPVBX0EGYNKDYRBUXK6	VS_RABCMB_IMSSIGCON16_42_8	FLOAT	[B67109449] C67203417
VJ52RDLYEFC1LDCRSCH602AAPB	VS_RABCMB_IMSSIGCON16_32	FLOAT	[B67109449] C67203418

7.44.11HUA_RNC_INTR_HOCSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA	[B67109443] RNC_Id

		R2(50)	
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TGRUBGKCVFCXDCXTOUEVFX6HVB	VS_IRATHO_ATTCSOUT_RNC	NUMBER	[B67109443] C67175945
V0LVYVQADQBI4E0MKKDRQPT30C	VS_IRATHO_ATTEXECCSIN_RNC	NUMBER	[B67109443] C67176008
XHNTKPRJYXBHTRIIAPWEVQJUTX	VS_IRATHO_FAILCSOUT_CFGUNRNC	NUMBER	[B67109443] C67190309
YHXCQ2YM1BCOIRTEXB3B6AHMBF	VS_IRATHO_FAILCSOUT_PHYFARNC	NUMBER	[B67109443] C67190310
RBB6QW52C2B1URBB4DRDJRV315	VS_IRATHO_FAILEXECCSIN_ABORT	NUMBER	[B67109443] C67190299
WRVLFPD0LHBIIRT0GDW5BISEYC	VS_IRATHO_FAILEXECCSIN_NRPLY	NUMBER	[B67109443] C67176011
Y6ITFDDIE0BUGUPB5BUNU2RUOB	VS_IRATHO_FAILEXECCSIN_RNC	NUMBER	[B67109443] C67190300
TMSUYW1T1KBX5UACVXNRVPMUO4	VS_IRATHO_INFO_UESBI_UU	NUMBER	[B67109443] C67190301
TRVTXQNCN4BBCRGGXNI1YTORUG	VS_IRATHO_PREPATTCSIN_RNC	NUMBER	[B67109443] C67190311
YO2ROV41A5CDXR4MAUPTBUTLWT	VS_IRATHO_PREPFAICSINABORRNC	NUMBER	[B67109443] C67190614
VUQPD6CNFCBNNCQJF4I3TQ2YCX	VS_IRATHO_PREPFAICSINCONGRNC	NUMBER	[B67109443] C67190304
UDVP0QYFFGBNTCGYVXKKT1IF5M	VS_IRATHO_PREPFAICSINTFAILRN	NUMBER	[B67109443] C67190307
XQTXYUUY0FCTBTCQF6LDS2K5EL	VS_IRATHO_PREPFAICSINTUNSRNC	NUMBER	[B67109443] C67175741
RAHYW1ENXVBW2EJOK0I0IWTSEQ	VS_IRATHO_PREPFAILCSOUT_NORSRC	NUMBER	[B67109443] C67175954

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X6PENNMPBHC2NR3HORSHKSGHFT	VS_IRATHO_PREFAILCSOUT_UKWNRNC	NUMBER	[B67109443] C67175955
RB4QTOEGVDB1LBG3SY6AFGBOJP	VS_IRATHO_PREPSUCCCSIN_RNC	NUMBER	[B67109443] C67190312
UEYUOTQ6E1BGGTBGDSAY4LTU1W	VS_IRATHO_SUCC_UESBI_UU	NUMBER	[B67109443] C67190302
UK6EHWORGYCQ6EYXOVRRMQVYXE	VS_IRATHO_SUCCCSOUT_RNC	NUMBER	[B67109443] C67190399
UCC5HCQ3PBC0VBTVC4LBRUA4BV	VS_IRATHO_SUCCEXECCSIN_RNC	NUMBER	[B67109443] C67190314
SUFP6QNRAQCMECCRUOVDOTSHO4	VS_IRATHO_PREPFAILCSOUTRELOCAB	NUMBER	[B67109443] C67191655
UNCTWWWNA3BYHTT3K255HBRL0S	VS_IRATHO_FAICSOUTABORTRNC	NUMBER	[B67109443] C67190764
XEUFPMPBQVCN0CEO30PM21NSUK	VS_IRATHO_PREFAILCSOUTREQINFNO	NUMBER	[B67109443] C67191656
UB2WGY2IYY2AHDHA0035XKCUC6	VS_IRATHO_PREPFAICSINTGTOVEL	NUMBER	[B67109443] C67192196
UH2KKSVIYY2AHDHA0035XKCUC6	VS_SRELOC_FAIL_IRATCSOUTTOVE	NUMBER	[B67109443] C67192195

7.44.12HUA_RNC_INTR_HOPSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109444] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XQ2KRAYFROBIORG5UAMVSYTABO	VS_IRATHO_ATTPSINUE_RNC	NUMBER	[B67109444] C67174508
XI25FXXO6ICNIB26XFWPH0Y2VL	VS_IRATHO_ATTPSOUTUE_RNC	NUMBER	[B67109444] C67190316
XGPM0MJ4PKBC3TPMEHVKFX4W60	VS_IRATHO_ATTPSOUTUTRAN_RNC	NUMBER	[B67109444] C67176098
SISM2WUUXIBKIBDIPO3VB	VS_IRATHO_CCOPSO	NUMBER	[B67109444] C67190315

1N2XP	UTUTRAN_RNC		
UT4UR5J401CGAE0KGV2ELXGTQV	VS_IRATHO_EVALPSOUTUTRAN_RNC	NUMBER	[B67109444] C67176097
YPOQUW1RFHBYAB51GP0NYKGQW5	VS_IRATHO_PSOUT_CFGUNSUP	NUMBER	[B67109444] C67176103
TNUCX04KSMCTHTM34OKV1ATSU2	VS_IRATHO_PSOUT_FAIL	NUMBER	[B67109444] C67176099
X0JCUGI0OEBUGSISYFR505HX3K	VS_IRATHO_PSOUT_NOREPLY	NUMBER	[B67109444] C67176107
WQQNDP3HXRCRSUBUNIMYC4HFXF	VS_IRATHO_PSOUT_PHYCHFAIL	NUMBER	[B67109444] C67176104
TMTHRFM3FMCTKE4CGHJTNYT1FF	VS_IRATHO_PSOUT_UNPEC	NUMBER	[B67109444] C67176106
W33NRMOVUOBV6ULTDHVBWKLLIT	VS_IRATHO_SUCCPSINUE_RNC	NUMBER	[B67109444] C67174572
X13OF63OXGBBOCWB4NQQ1UXTTI	VS_IRATHO_SUCCPSOUTUE_RNC	NUMBER	[B67109444] C67176102
VUNJ5EXGQGCQGRWQ1CU6FFLAQD	VS_IRATHO_SUCCPSOUTUTRAN_RNC	NUMBER	[B67109444] C67176100

7.44.13HUA_RNC_INTR_HOSRNSREL_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109443] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
U6Y3MECFTQB23BASNDE0IXQ4CC	VS_SRELOC_ATTPREP_IRHOCS	NUMBER	[B67109443] C67190398
WGFT0NOSDMBRWEKOYF3FD16HWR	VS_SRELOC_FAIL_IRATCSOUTCANC	NUMBER	[B67109443] C67190303

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YWXIY4W1IHBOSUKRAVIP4GCFQL	VS_SRELOC_FAIL_IRATCSOUTNRPL	NUMBER	[B67109443] C67175743
RHQKXRGG0HC0RBINV1RUV36RST	VS_SRELOC_FAIL_IRATCSOUTTEXP	NUMBER	[B67109443] C67190306
YE5MO326ARCM3TOG040LVF21EI	VS_SRELOC_FAIL_IRATCSOUTTFAI	NUMBER	[B67109443] C67190308
TR6Q32CPJCBFHBSDBAI0KYXBY2	VS_SRELOC_FAILPREP_IRATCSOUT	NUMBER	[B67109443] C67190305
XKE2DKNMNACCWSFSMLQOARO3CT	VS_SRELOC_SUCCPREP_IRHOCS	NUMBER	[B67109443] C67190400

7.44.14HUA_RNC_LOCCELLSERVRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109434] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XEO0NSDHMRBIGRS4WPAHSPFNCP	VS_LCS_AGPS_MEANTIME	FLOAT	[B67109434] C67199713
WFLU4YGD3XCL2DELM35WKF032Y	VS_LCS_AGPS_SELEC	NUMBER	[B67109434] C67176209
X1UBD1FRFNBXLC6QL4LPDW5CFL	VS_LCS_AGPS_UUMEANTIME	FLOAT	[B67109434] C67199710
XE3LLS1NIFBV4TP0K1T0D6KS20	VS_LCS_AOTDOA_SELEC	NUMBER	[B67109434] C67176211
U2HTEMJW0WBTXD2W1Q6YE1AGAT	VS_LCS_ASSTGPSDATATRANSDEL	NUMBER	[B67109434] C67190216
SO1M0SG4G3CJCCJNRTFNH24UC5	VS_LCS_ATTCSA	NUMBER	[B67109434] C67176214
TR5KOVCSOXBPXRHKJHYIURN1IO	VS_LCS_ATTDIR	NUMBER	[B67109434] C67176213
U13LVII4MCBSHSSNFLHNSVOXU5	VS_LCS_CELLID_MEANTIME	FLOAT	[B67109434] C67199712

T44VEM6XJGBRDELPKDL411ECXE	VS_LCS_CELLID_SELEC	NUMBER	[B67109434] C67176219
YPG0LR1THMBIQTTHD1CM2NM56C	VS_LCS_CELLID_UUMEANTIME	FLOAT	[B67109434] C67199708
U4RU3GYOLDB6WRV3YYPBU2JJVT	VS_LCS_HYBR_MEANTIME	FLOAT	[B67109434] C67199715
R5EE4AC66DCMWTSQKQ4F6UJ6SE	VS_LCS_HYBR_SELEC	NUMBER	[B67109434] C67176210
UMKUXVYPOHCKSCIECMYIUVK0QK	VS_LCS_LR_AGPS_RNC_CUM	NUMBER	[B67109434] C67181028
WQPL3WIMCRC3MTMM1D4VWGKUN4	VS_LCS_LR_AGPS_RNC_SAMPLE	NUMBER	[B67109434] C67181029
UBB6B2EX0JCI5U22I3RAUB0EUT	VS_LCS_LRC_CELLID_RNC_CUM	NUMBER	[B67109434] C67181026
X6SQPVN0I1BS5BPEWM1QKQ3J6V	VS_LCS_LRC_CELLID_RNC_SAMPLE	NUMBER	[B67109434] C67181027
YXGTMDOTTUCU0BKLMQLLUJ2X5X	VS_LCS_LRC_HM_RNC_CUM	NUMBER	[B67109434] C67181032
TVIVGMIUGJBYST25NQRJAOOFP5	VS_LCS_LRC_HM_RNC_SAMPLE	NUMBER	[B67109434] C67181033
XKW05R0U4CBN0SL4QQKFKEIVTH	VS_LCS_MTIME_AGPS_RNC_CUM	NUMBER	[B67109434] C67176226
WUL3NTVNOQCVXTBX2VKB1XJKJJ	VS_LCS_MTIME_AGPS_RNC_SAMPLE	NUMBER	[B67109434] C67176227
WD4X3I4ESXBFGTWL53CK510L42	VS_LCS_MTIME_CELLID_RNC_CUM	NUMBER	[B67109434] C67176222
SHIQQ5T3EJCWQDFTCCLVKX4ADB	VS_LCS_MTIME_CELLID_RNC_SAMPLE	NUMBER	[B67109434] C67176223
WMSQ2KR0FIC3SR1LWQYENM4FL6	VS_LCS_MTIME_OTDOA_RNC_CUM	NUMBER	[B67109434] C67176224
Y1GQ0YYCT4BLTDBCRW3NF2HPGU	VS_LCS_MTIME_OTDOA_RNC_SAMPLE	NUMBER	[B67109434] C67176225

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XW0JXBOB2EB15UN25D4XAN3VJQ	VS_LCS_MTIME_UEBASED_RNC_CUM	NUMBER	[B67109434] C67176228
T4PP6QPDUSCRHCWLYEIKP2AQL5	VS_LCS_MTIME_UEBASED_RNC_SAMP	NUMBER	[B67109434] C67176229
X005X4RYJ1CNKSCK1CHQEUVMBT	VS_LCS_OTDOA_UUMEANTIME	FLOAT	[B67109434] C67199709
VDXJLVQ66BCPRTJK4Q2QS6PBHX	VS_LCS_QOSACCURMET	NUMBER	[B67109434] C67181025
R4K0V5I6FQBACBQ1BT145WNHSE	VS_LCS_RTT_DIR_RNC_CUM	NUMBER	[B67109434] C67176220
SSOC23EJD3B5WRRVPTGC35MVVW	VS_LCS_RTT_DIR_RNC_SAMPLE	NUMBER	[B67109434] C67176221
R22XCKKWABCJDDKFRG6DY4KEKD	VS_LCS_RTT_UUMEANTIME	FLOAT	[B67109434] C67199707
SYAA63OB12BVMCVRIS1OF3PHYW	VS_LCS_SUCCCSA	NUMBER	[B67109434] C67176218
XL1Q52VOU0CKHCJEDUWIR3CGX1	VS_LCS_SUCCDIR	NUMBER	[B67109434] C67176217
WALEWXSY3WCDLEB6N42LYNC1J4	VS_LCS_UEBSD_UUMEANTIME	FLOAT	[B67109434] C67199711

7.44.15HUA_RNC_MULTIRAB_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109431] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UCXDMHRRDUBPKD5ATLETHDS2C2	VS_MULTRAB_0CS_2PS	FLOAT	[B67109431] C67199688
VC51LQWIYMCK0RVLI0OYP6A0EK	VS_MULTRAB_1CS1PS	FLOAT	[B67109431] C67199684
W2LEHD1UE0CALUSXJHB16L5DVT	VS_MULTRAB_1CS2PS	FLOAT	[B67109431] C67199685
YPNX2OUDUTBPPETF2LFH	VS_MULTRAB_2CS0	FLOAT	[B67109431] C67199687

KDXQLU	PS		
YHWBX1QHLNBEFRNW65N4L56REK	VS_MULTRAB_2CS1PS	FLOAT	[B67109431] C67199686
UYDMKB35HUCUXT1JBWNFAFL61O	VS_MULTRAB_HHO	NUMBER	[B67109431] C67176173
TODAW5XIDIBXOUPQAKQON2VP6N	VS_MULTRAB_SHO	FLOAT	[B67109431] C67199689
WK0CILT10IBCCEWLVUR6BFPW0T	VS_MULTRAB_0CS3PS	FLOAT	[B67109431] C67199690
V55XV51GQ4C2XS4LDNW362AHPU	VS_MULTRAB_1CS3PS	FLOAT	[B67109431] C67199695
XLSNY24LUI2AIDKRB02OFAWJHK	VS_MULTRAB_0CS4PS	NUMBER	[B67109431] C67204757

7.44.16HUA_RNC_PAGING_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109438] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YEARQ3HUPW2AHRHR0035XVPKR0	B67109438_C67193711	NUMBER	[B67109438] C67193711
YEARQ3JUPW2AHRHR0035XVPKR0	B67109438_C67193712	NUMBER	[B67109438] C67193712
YEARQ3LUPW2AHRHR0035XVPKR0	B67109438_C67193713	NUMBER	[B67109438] C67193713
YEARQ3NUPW2AHRHR0035XVPKR0	B67109438_C67192714	NUMBER	[B67109438] C67192714
UAJND346HICTRTY3NXSDTQQYB6	VS_CN_PAGE_LOSS_IUFC	NUMBER	[B67109438] C67174407

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US5CM43H6ECP5CYRX0B62CAGP0	VS_CN_PAGE_LOSS_PCHCONG	NUMBER	[B67109438] C67174408
R3OD6F5TUPCFSURIIWL3RWNNIB	VS_RANAP_PAGING_ATT	NUMBER	[B67109438] C67174401
YYVE5TAHV4BFWEKPQTCQSDEOMI	VS_RANAP_PAGING_ATT_IDLEUE	NUMBER	[B67109438] C67174402
RJDUDL1ASHCMRBX2CJJ1EKHVGD	VS_RANAP_PAGING_SUCC_IDLEUE	NUMBER	[B67109438] C67174403
RHDYS1FOKEBVDRIYKXX1BTG30P	VS_UTRAN_PAGING1_ATT	NUMBER	[B67109438] C67174405
VF63PJ2JV4CHNBJYVMVCY4REG3	VS_UTRAN_PAGING2_ATT	NUMBER	[B67109438] C67174404
XOS0GEYV0PCQESIYTCADDFR03P	VS_UTRAN_SUCCPAGE1	NUMBER	[B67109438] C67174406

7.44.17HUA_RNC_PDCP_STATISTICS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109437] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VHDXON16IHBSBBSKXQ65BAVE2H	VS_GTP_DL_PKTDIST_1_200	NUMBER	[B67109437] C67202517
UWQGS4CQF3CCQT211YXK2HIKE3	VS_GTP_DL_PKTDIST_1001_MAX	NUMBER	[B67109437] C67202520
SNMDFJABDTBM1DRLDHLGGWU1WS	VS_GTP_DL_PKTDIST_201_500	NUMBER	[B67109437] C67202518
YQTC5AW14ICJUT0BY4FC3WTVAX	VS_GTP_DL_PKTDIST_501_1000	NUMBER	[B67109437] C67202519
TI51MJJUNBCXETVQP0BJ0Q3IIE	VS_GTP_UL_PKTDIST_1_200	NUMBER	[B67109437] C67202521
SHMTEG6YROBITSXWL2MKAV5TYL	VS_GTP_UL_PKTDIST_1001_MAX	NUMBER	[B67109437] C67202524

R6DKARLVKACYREAQ6J1XIAG4H5	VS_GTP_UL_PKTDIST_201_500	NUMBER	[B67109437] C67202522
UBMNDSSYXJBQCSSH3AYWJYOGPN	VS_GTP_UL_PKTDIST_501_1000	FLOAT	[B67109437] C67202523
T40WPFRB60B3TT561C3SC66TWC	VS_PDCP_DL_2507_OTHER	NUMBER	[B67109437] C67202510
RJBY0MHFOEBO3U5R5TSXPX5JBH	VS_PDCP_DL_2507_TCP	NUMBER	[B67109437] C67202509
V5E3SPNU4BBNMUEGMR0QHXSNFC	VS_PDCP_DL_COMPRESS	NUMBER	[B67109437] C67202940
W5RI1GYBRFB1EEHJ5EUOIWA5AL	VS_PDCP_DL_HDRCOMPRESSRATIO	FLOAT	[B67109437] C67202525
S6ICXJG6VOBIBEGSJR5LJ3LFHA	VS_PDCP_DL_HDRLENGTH_AFTCOMP	NUMBER	[B67109437] C67190293
YR5GJ1WLB0BGUSOQQDLULGCMU0	VS_PDCP_DL_HDRLENGTH_BEFCOMP	NUMBER	[B67109437] C67190294
UHJSXJI4YXBK6TUAE2E4T4QLOD	VS_PDCP_DL_IPV4	NUMBER	[B67109437] C67202503
UAIGSNYOJBCVYUO25Q6N10GTBW	VS_PDCP_DL_IPV6	NUMBER	[B67109437] C67202505
RK3CYOL4TPC3MDR4RM25H0PVRU	VS_PDCP_DL_NOCOMPRESS	NUMBER	[B67109437] C67202511
X6OONXQ0WJCPMRQT66NQXWRY16	VS_PDCP_DL_PKT_TOTALNUM	NUMBER	[B67109437] C67190270
YV6XNTFA1YCGTUUN5EEUTG0FJ1	VS_PDCP_DL_PKT_TOTALSIZE	NUMBER	[B67109437] C67190269
TVINRVIS0BCF6B34WW5VI3VNMC	VS_PDCP_DL_PKTCOMPRESSRATIO	FLOAT	[B67109437] C67202526
TLYHOE1TI2CIMSKRTU60KUHTIA	VS_PDCP_DL_PKTHEADER_MEAN	FLOAT	[B67109437] C67202515
WK4XGUTCK5C3JTM2E1VPERJTUP	VS_PDCP_DL_PKTHEADER_TOTALNUM	NUMBER	[B67109437] C67190274

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WQWPDXLNWNBBHE0F3XDRT6MHQE	VS_PDCP_DL_PKTHEADER_TOTALSIZE	NUMBER	[B67109437] C67190273
VU4PB1NPKYCPUTU5QGTM2AG62T	VS_PDCP_DL_PKTLENGTH_AFTCOMP	NUMBER	[B67109437] C67190295
TV064KDTECCVNB6O6WDUUDE5QU	VS_PDCP_DL_PKTLENGTH_BEFCOMP	NUMBER	[B67109437] C67190296
Y5PE4HN11NBOBSAPAV2ILNX5IX	VS_PDCP_DL_PKTSIZE_MEAN	FLOAT	[B67109437] C67202513
REJ6RJTVAXBUOUCDSUCD63D54J	VS_PDCP_DL_PPP	NUMBER	[B67109437] C67202507
ST0FKB3PSYCR1C0SSAP3PI2OUU	VS_PDCP_NUMBER	NUMBER	[B67109437] C67202502
XJLXWUAVNFBF3RNQMLRQOUWKEW	VS_PDCP_UL_DECOMPRESS	NUMBER	[B67109437] C67202939
WKJ3C5RBHMBRQCKJAQ6U0I2YRU	VS_PDCP_UL_DECOMPRESSERROR	NUMBER	[B67109437] C67202512
UQRNPQNRWABFXSJY3KUDUI3UNC	VS_PDCP_UL_IPV4	NUMBER	[B67109437] C67202504
X1TLYK4V5JB1VS6A5DIYRURV3N	VS_PDCP_UL_IPV6	NUMBER	[B67109437] C67202506
Y1A0Q5HDNHCLADTGH6CR2NWQQN	VS_PDCP_UL_PKT_TOTALNUM	NUMBER	[B67109437] C67190272
RCRW0BSMCCCH4DUSKGK13BN1RT	VS_PDCP_UL_PKT_TOTALSIZE	NUMBER	[B67109437] C67190271
YLQE4PXJDBCXARKJIEMM1EAMAD	VS_PDCP_UL_PKTHEADER_MEAN	FLOAT	[B67109437] C67202516
RAT5SLFM5ECEOESXGGEYSQGJTU	VS_PDCP_UL_PKTHEADER_TOTALNUM	NUMBER	[B67109437] C67190276
RLRKIJ2J20CI1CJET533NIK5UD	VS_PDCP_UL_PKTHEADER_TOTALSIZE	NUMBER	[B67109437] C67190275
YLVFOXA3MRBN5UCC2EUVIKSEA6	VS_PDCP_UL_PKTSIZE_MEAN	FLOAT	[B67109437] C67202514
YKETFMAKRUBLLR4G1T3TFDIHIO	VS_PDCP_UL_PPP	NUMBER	[B67109437] C67202508
XLSNY26LUI2AIDKRB02OFA	VS_PDCP_NBRBLOCK	NUMBER	[B67109437] C67204180

WJHK	SSENT_AM_1		
XLSNY2BLUI2AIDKRB02OFAWJHK	VS_PDCP_NBRBLOCKSSENT_AM_2	NUMBER	[B67109437] C67204181
XLSNY2DLUI2AIDKRB02OFAWJHK	VS_PDCP_NBRBLOCKSSENT_AM_3	NUMBER	[B67109437] C67204182

7.44.18HUA_RNC_RAB_ABNRELCSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109430] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WCCB3XGYHFBCVT3A3E1O1GJQTT	RAB_RELREQCS_OM	NUMBER	[B67109430] C67190178
XBR0K612D1CB0CVFMRVG5D3IN2	RAB_RELREQCS_RABPREEMPT	NUMBER	[B67109430] C67190176
YAHTN4T3HQCOVSQ2DTKTH1GDOB	RAB_RELREQCS_UTRANGEN	NUMBER	[B67109430] C67190177
T233EM20VPBN0RDQPRHQQ64OIP	RAB_RELREQPS_OM	NUMBER	[B67109430] C67190181
TUFO2QY6OGBUUTQ0LJ2E4NY531	RAB_RELREQPS_RABPREEMPT	NUMBER	[B67109430] C67190179
Y3X3QDWWCKBVVSHLQIM2RLUVY1	RAB_RELREQPS_UTRANGEN	NUMBER	[B67109430] C67190180
TK1HONMIILCI3B6F2QBVGLSJO5	VS_RAB_LOSS_CS_AAL2LOSS_RNC	NUMBER	[B67109430] C67174958
Y4H6P5U62SBPLCIGIW0U1FKK06	VS_RAB_LOSS_CS_ABNORM_RNC	NUMBER	[B67109430] C67174963
RSHTMEQCDWC34T2OUQF2O5SMKN	VS_RAB_LOSS_CS_AMR_RNC	NUMBER	[B67109430] C67174951

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VHNJAHR51PCI1RDUFGDT1OBEM6	VS_RAB_LOSS_CS_CONGSTION_RNC	NUMBER	[B67109430] C67190839
UL643G4RNJBCNSIS3KFAH1I2PO	VS_RAB_LOSS_CS_CONV64K_RNC	NUMBER	[B67109430] C67174952
W3BFL0H0AOCCNEI3VR52C4XI3D	VS_RAB_LOSS_CS_NORM_RNC	NUMBER	[B67109430] C67174965
TOPPCKSXXABM1EL33SD0JK6KID	VS_RAB_LOSS_CS_RELUEGEN_RNC	NUMBER	[B67109430] C67190454
WDIATVIUNMBNWR35G5WKNFN1CH	VS_RAB_LOSS_CS_RF_RNC	NUMBER	[B67109430] C67174954
UGE1AHOR4TBFDBDSG2C4OURKXG	VS_RAB_LOSS_CS_RF_UUNOREP_RNC	NUMBER	[B67109430] C67190729
V46NWY6QRMCMKSVJGDL04CNMAG	VS_RAB_LOSS_CS_SRBRESET_RNC	NUMBER	[B67109430] C67174956
YNLEWQJJ6DB5WUFFKBJIJPKCCP	VS_RAB_LOSS_PS_128K_RNC	NUMBER	[B67109430] C67174961
VFHY00JI15CAOS1TXRGGFB0IHB	VS_RAB_LOSS_PS_384K_RNC	NUMBER	[B67109430] C67174960
VIHHRCBXUWBNURIQTSFMK5OXI1	VS_RAB_LOSS_PS_64K_RNC	NUMBER	[B67109430] C67174962
XAWMGNXAD3CW2UPGBUQF3XQQKV	VS_RAB_LOSS_PS_ABNORM_RNC	NUMBER	[B67109430] C67174964
YQ0B4UQMH4CH5TX0QDSQYHSYWI	VS_RAB_LOSS_PS_CONGSTION_RNC	NUMBER	[B67109430] C67190838
VCLVFJRABSCMKSDPKMPQFASBBP	VS_RAB_LOSS_PS_GTPULOSS_RNC	NUMBER	[B67109430] C67174959
YJVHY15CA3BOTEQSN626NUCBVX	VS_RAB_LOSS_PS_NORM_RNC	NUMBER	[B67109430] C67174966
TI0YIEPDIOBQADW1HLF3GKUTRP	VS_RAB_LOSS_PS_RELUEGEN_RNC	NUMBER	[B67109430] C67190455
RSQLVTLCMSCEQDDSBFW2WF250B	VS_RAB_LOSS_PS_RF_RNC	NUMBER	[B67109430] C67174955
RL3BJGR2YGBT2DKIB4UXS31021	VS_RAB_LOSS_PS_RF_UUNOREP_RNC	NUMBER	[B67109430] C67190730
VBGG1MYEKYCPQCP2UUWL	VS_RAB_LOSS_PS_S	NUMBER	[B67109430] C67174957

YAHW0Y	RBRESET_RNC		
T34KAPHHFPBUDR5NMLDQSXKY6I	VS_RAB_LOSS_PS_TRBRESET_RNC	NUMBER	[B67109430] C67174953
T6VO1G3WEKB5GSGFFQLIL6EFAY	VS_RAB_RELREQCS_CONV_RNC	NUMBER	[B67109430] C67174945
U5YFEL0XIABPOTMIH6SJGTFNO1	VS_RAB_RELREQCS_STR_RNC	NUMBER	[B67109430] C67174946
VVMG0OKN2PC4XBIYLOD6522525	VS_RAB_RELREQPS_BKG_RNC	NUMBER	[B67109430] C67174950
RD5YIYVNCKCWKTMGRWU5XV3OCM	VS_RAB_RELREQPS_CONV_RNC	NUMBER	[B67109430] C67174947
SYFLLSK421BVXDE0LXHE0V51WM	VS_RAB_RELREQPS_ITR_RNC	NUMBER	[B67109430] C67174949
UU4PFD3UVHBEQCU0AITKNDSDFK	VS_RAB_RELREQPS_STR_RNC	NUMBER	[B67109430] C67174948
R5RGS4ELLBBUGS5LPTIVQLJ1E3	VS_RAB_RELABNOMALPS_CMB_RNC	NUMBER	[B67109430] C67190605
XLSNY20LUI2AIDKRB02OFAWJHK	VS_RAB_LOSS_VP_LIMIT_RNC	NUMBER	[B67109430] C67196236
XLSNY22LUI2AIDKRB02OFAWJHK	VS_NORM_REL_PS_0KBPS_TOUT_RNC	NUMBER	[B67109430] C67196305

7.44.19HUA_RNC_RAB_ATTRELPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109429] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XB103VTAHK26SDGMB00HW05BPA	VS_RAB_ATTRELPS_BKRNC	NUMBER	[B67109429] C67174804

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XB2YJCLAHK26SDGMB00HW05BPA	VS_RAB_ATTRELPS_CVRNC	NUMBER	[B67109429] C67174801
XB45HW2AHK26SDGMB00HW05BPA	VS_RAB_ATTRELPS_ITRNC	NUMBER	[B67109429] C67174803
XB56XD2AHK26SDGMB00HW05BPA	VS_RAB_ATTRELPS_STRNC	NUMBER	[B67109429] C67174802

7.44.20HUA_RNC_RAB_EST_PS_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109426] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RGH1IVBSLCBJTSHG3H6B6ANS2F	RAB_SUCCESTABPSNOQUEUING_BGRD	NUMBER	[B67109426] C67190122
VST1IFGVXJCBYD3O35WFARIECF	RAB_SUCCESTABPSNOQUEUING_CONV	NUMBER	[B67109426] C67190123
U2JIHHU22SCK0B3Q5NUL43IJ32	RAB_SUCCESTABPSNOQ_INTACT	NUMBER	[B67109426] C67190124
VEI3RWOSG6BCHEIVU5SUK50J3Y	RAB_SUCCESTABPSNOQUEUING_STRM	NUMBER	[B67109426] C67190125
W12VNSXQPKCQNBIAFPSNIWDDWF	RAB_SUCCESTABPSQUEUING_BGRD	NUMBER	[B67109426] C67190126
U2IH3K3OMMBRRS4KOEVT2UXP53	RAB_SUCCESTABPSQUEUING_CONV	NUMBER	[B67109426] C67190127
XQK0SD25NNBYYBBVHFNW0B2TFC	RAB_SUCCESTABPSQUEUING_INTACT	NUMBER	[B67109426] C67190128
TPMMI4PI2RB1RRCF63RCSLVT0S	RAB_SUCCESTABPSQUEUING_STRM	NUMBER	[B67109426] C67190129
S5PBGT5OSPCB6EBB5E4VNEXIQ3	RAB_SUCCESTABPSSETUPTIME_CUM	NUMBER	[B67109426] C67190131
XI4B6WODAYC6TR44CLXS1BL6YQ	RAB_SUCCESTABPSSETUPTIME_SAMP	NUMBER	[B67109426] C67190132

W6153L51UOB5MEEX5FN6DOWW30	RAB_SUCCESTABPSSETUPTIMEMAX	NUMBER	[B67109426] C67190130
TSIMMKPTLKCPMEG2CVXSCL353U	RAB_SUCCESTABPSSETUPTIMEMEAN	FLOAT	[B67109426] C67202487
Y6CDY3YVNOC5JCM5EQJJP2SK4T	VS_RAB_PSSETUPTIMECCH_CUM	NUMBER	[B67109426] C67174813
WRC1F2VI4EBWLUGRLW6V4CIXF2	VS_RAB_PSSETUPTIMECCH_SAMPLE	NUMBER	[B67109426] C67174814
S2HWADOMMIBLGB3IIN0SWRGMN0	VS_RAB_PSSETUPTIMEDCH_CUM	NUMBER	[B67109426] C67174810
XBLLLCVUADCIUR11GOLLCRFXJC	VS_RAB_PSSETUPTIMEDCH_MAX	NUMBER	[B67109426] C67174809
SUXVED14IOCHKD4Q0VI1FOTO62	VS_RAB_PSSETUPTIMEDCH_MEAN	FLOAT	[B67109426] C67199427
VPQJAMSCYYBMPU2GYL2IYXESIS	VS_RAB_PSSETUPTIMEDCH_SAMPLE	NUMBER	[B67109426] C67174811
W1AGCIKU2EBSRDR26M2KL2QV5D	VS_RAB_PSSETUPTIMEMAX_CCH	NUMBER	[B67109426] C67174812
RERV62A6OWBULU3LV54W3MRSPA	VS_RAB_PSSETUPTIMEMEAN_CCH	FLOAT	[B67109426] C67199679
R1MSSFOYEHBMEEQNKEXH1EWHUH	VS_RAB_SUCCESTABPS_128_RNC	NUMBER	[B67109426] C67174853
XSEWAHRIK1B6HBKNUC2DIN425X	VS_RAB_SUCCESTABPS_384_RNC	NUMBER	[B67109426] C67174852
RMLM41VJABCUBSYMEXOVD06QK4	VS_RAB_SUCCESTABPS_64_RNC	NUMBER	[B67109426] C67174854
XHN1FPG6GRB4EEC3APVGNHWJC1	VS_RAB_SUCESTPSBKG0_32_RNC	NUMBER	[B67109426] C67174844
R5BOTNWNYBBH2RFMPJVITRNA20	VS_RAB_SUCESTPSBKG144384_RNC	NUMBER	[B67109426] C67174847
TMRJHEDICEBCGEHLHBSJKGK13R	VS_RAB_SUCESTPSBKG32_64_RNC	NUMBER	[B67109426] C67174845

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S3Y2RSSK62B56SCMWQAVLUU3KC	VS_RAB_SUCESTPSBKG64_144_RNC	NUMBER	[B67109426] C67174846
XW5GTU2GDDCRFC1GDMK3Q42L6G	VS_RAB_SUCESTPSBKGMOR384_RNC	NUMBER	[B67109426] C67174848
XMSMJAJKMIBNGS0I5HVH3NVU5K	VS_RAB_SUCESTPSCONV0_32_RNC	NUMBER	[B67109426] C67174832
XR320JAXMCCBGEW5W2YFSUI15Q	VS_RAB_SUCESTPSCONVMOR32_RNC	NUMBER	[B67109426] C67174833
UBXF6PXJVIBGFDUEJQC1HQNQJN	VS_RAB_SUCESTPSINT0_32_RNC	NUMBER	[B67109426] C67174839
Y5CJAGVAJLCSSUM11EQ3D6GWMX	VS_RAB_SUCESTPSINT144384_RNC	NUMBER	[B67109426] C67174842
ULF2X3R6P5CY1TAT2L1T0JAC5Q	VS_RAB_SUCESTPSINT32_64_RNC	NUMBER	[B67109426] C67174840
R2DJSFOJ5KBP2UBVL1563CFC42	VS_RAB_SUCESTPSINT64_144_RNC	NUMBER	[B67109426] C67174841
R31NMUPNW4CQ5SOCLTSBLL4JOH	VS_RAB_SUCESTPSINTMOR384_RNC	NUMBER	[B67109426] C67174843
UDDGEQTNEKCH3RQCLMFUFUUXAP	VS_RAB_SUCESTPSSTR0_32_RNC	NUMBER	[B67109426] C67174834
SXVAER6I56CTADWEYTT2H0BGY2	VS_RAB_SUCESTPSSTR144384_RNC	NUMBER	[B67109426] C67174837
SG5P0TXJGVC5HTALYXYFXYIH3A	VS_RAB_SUCESTPSSTR32_64_RNC	NUMBER	[B67109426] C67174835
SEQGGSCBWICCERMS22RIFJH4JJ	VS_RAB_SUCESTPSSTR64_144_RNC	NUMBER	[B67109426] C67174836
V1W6LKRF01CUTUY1WQHMEUPTUC	VS_RAB_SUCESTPSSTRMOR384_RNC	NUMBER	[B67109426] C67174838
V0C0XOOUQYCNJRJOWFLTRYUEYO	VS_RAB_SUCCESTABPS_CMB_RNC	NUMBER	[B67109426] C67190604
XLSNY1VLUI2AIDKRB02OFAWJHK	VS_RAB_SUC_EST_PS_0KBPS_RNC	NUMBER	[B67109426] C67196304
XLSNY1XLUI2AIDKRB02OFAWJHK	RAB_SUCCESTABPS_RNC_RATE	FLOAT	[B67109426] C67204856

7.44.21HUA_RNC_RAB_ESTAMRRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109553] RNC_Id
CNOPERATOR_ID		VARCHAR2(50)	[B67109553] CNNAME & "/" & CNINDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYFXLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTAB_AMR_PLMN_RNC	NUMBER	[B67109553] C67196186
XLSNYG0LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTAB_AMR_PLMN_RNC	NUMBER	[B67109553] C67196187
XLSNYG2LUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTAB_CS64_PLMN_RNC	NUMBER	[B67109553] C67196188
XLSNYG4LUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTAB_CS64_PLMN_RNC	NUMBER	[B67109553] C67196189
XLSNYG6LUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTAB_PS_PLMN_RNC	NUMBER	[B67109553] C67196190
XLSNYGBLUI2AIDKRB02OFAWJHK	VS_RAB_SUCCESTAB_PS_PLMN_RNC	NUMBER	[B67109553] C67196191

7.44.22HUA_RNC_RAB_ESTCSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109422] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY1RLUI2AIDKRB02OFAWJHK	VS_RAB_ATTESTABCS_VP_LIMIT_RNC	NUMBER	[B67109422] C67196235

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XLSNY1TLUI2AIDKRB02OFAWJHK	RAB_SUCCESTABCS_CONV_RNC_RATE	FLOAT	[B67109422] C67204855
TW124P4WGFCSLCH0QMY6XFMIGI	RAB_ATTESTABCS_CONV	NUMBER	[B67109422] C67174721
YEB4RRR4Q1CK5EF3IQBN0MGGYI	RAB_ATTESTABCS_STRM	NUMBER	[B67109422] C67174722
WTP4UHGOSDCGGCPIKF6VB0V0JQ	RAB_SUCCESTABCSNOQUEUING_CONV	NUMBER	[B67109422] C67190077
WSF0SXMCP4BRVDXWEN6Y0WI1WC	RAB_SUCCESTABCSNOQUEUING_STRM	NUMBER	[B67109422] C67190078
UABYAIYOMVB0VBRWV0N423YJWP	RAB_SUCCESTABCSQUEUING_CONV	NUMBER	[B67109422] C67190079
W232Q6EPUABDGTQMQQ3DYF03R6	RAB_SUCCESTABCSQUEUING_STRM	NUMBER	[B67109422] C67190080
V5FESEIDWOBMACVI5OTFHBNYG4	RAB_SUCCESTABCSSETUPTIME_CUM	NUMBER	[B67109422] C67174734
VOHLP6CRVECPPSCS6Q0MAHUN34	RAB_SUCCESTABCSSETUPTIME_SAMP	NUMBER	[B67109422] C67174735
XOH4SXNQWEBYVCLJVX3JED52EY	RAB_SUCCESTABCSSETUPTIMEMAX	NUMBER	[B67109422] C67174733
YP3CGQV56RBFVSDLUDVKWXQT1F	RAB_SUCCESTABCSSETUPTIMEMEAN	FLOAT	[B67109422] C67199414
UFBVLQVC1VCDKUWC16220RDLRW	VS_RAB_ATTESTCSCONV0_32_RNC	NUMBER	[B67109422] C67174739
UYMQQALGGDCHRR3RYYBFCQLDE5	VS_RAB_ATTESTCSCONV32_64_RNC	NUMBER	[B67109422] C67174740
WFNQUKP3Q5BKVEEFLLSEGBSQYJ	VS_RAB_ATTESTCSSTR0_32_RNC	NUMBER	[B67109422] C67174741
TAPMPRVKN6CVERGSBNIDTCHTKM	VS_RAB_ATTESTCSSTR32_64_RNC	NUMBER	[B67109422] C67174742
X60VIKEKNXCMQR1HEPC30VOOW4	VS_RAB_NUM_CS_MEAN	FLOAT	[B67109422] C67199791
YW444Q0AI4CEHD222RK00J1XQN	VS_RAB_SUCESTCSCONV0_32_RNC	NUMBER	[B67109422] C67174743
V1S6DJB2UYCQPCJE3QO3Y	VS_RAB_SUCESTCSCON	NUMBER	[B67109422]

C2PWG	V32_64_RNC		C67174744
TBPIIYKKSKCBRBNUFIOB5XFRO6	VS_RAB_SUCESTCSSTR0_32_RNC	NUMBER	[B67109422] C67174745
RY0HWIWWPJBTBRC5CYWLKEQCRG	VS_RAB_SUCESTCSSTR32_64_RNC	NUMBER	[B67109422] C67174746

7.44.23HUA_RNC_RAB_ESTFAICSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109423] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RYXCMMPMTDCFPCTN6W5Y2RC3QJ	RAB_FAILESTABCSNOQ_DIRRETRY	NUMBER	[B67109423] C67190081
T3KUIUFNIECJSCRJ4BT6DQ5FVW	RAB_FAILESTABCSNOQ_DLGRATEUNAV	NUMBER	[B67109423] C67190082
TGQWOJXKVLCR2ETTE4RO0PCOR0	RAB_FAILESTABCSNOQ_DLMAXRATEUN	NUMBER	[B67109423] C67190083
VUSEU6FTRRCJADGGKH554YUH3Q	RAB_FAILESTABCSNOQ_INVGRATE	NUMBER	[B67109423] C67190084
XLALYE5VF1CGCSOW1D1DGTELDK	RAB_FAILESTABCSNOQ_INVRABID	NUMBER	[B67109423] C67190085
UXCU5V4HGICLOTX0XC154K1UJ3	RAB_FAILESTABCSNOQ_INVRABPARAM	NUMBER	[B67109423] C67190086
WC0FUCQXXIBXYBCF4POM2OBNVG	RAB_FAILESTABCSNOQ_INVRABPCOMB	NUMBER	[B67109423] C67190087
RQWEXVL4DVB1KCP6OOYWBJ3MD1	RAB_FAILESTABCSNOQ_INVSDUPARAM	NUMBER	[B67109423] C67190088
YIUN4CLBEHBGNBDOJSICEW1D0I	RAB_FAILESTABCSNOQ_INVTRFPRI	NUMBER	[B67109423] C67190089

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UGA0DLSAOCBDWCLFR5TQKT2AGA	RAB_FAILESTABCSNOQ_IUESTABFAIL	NUMBER	[B67109423] C67190090
VQJMOEFJUSCELSAHDWXYS3NMYL	RAB_FAILESTABCSNOQ_MAXRATEUNAV	NUMBER	[B67109423] C67190091
X5JD3KVYGHB0GCT50QMDNAETDI	RAB_FAILESTABCSNOQ_RELOCTRIG	NUMBER	[B67109423] C67190093
THEI2KT4TUBN0EJNPGYF12TD21	RAB_FAILESTABCSNOQ_RESUNAVAIL	NUMBER	[B67109423] C67190094
VWX1Q5HFUVBAKT3OX3AUOQ0P35	RAB_FAILESTABCSNOQ_TRFCLASSUN	NUMBER	[B67109423] C67190095
XWO011AKP3COCBODJERSYBFXAQ	RAB_FAILESTABCSNOQ_ULGRATEUNAV	NUMBER	[B67109423] C67190096
XN5NR2TYTTBXQT3YVOY2JIXSO1	RAB_FAILESTABCSNOQ_ULMAXRATEUN	NUMBER	[B67109423] C67190097
XP1UR2HRQGBGNC45GT25VVOAE3	RAB_FAILESTABCSNOQ_UPVERUNSUPP	NUMBER	[B67109423] C67190099
UKVDWRLYPTBDOS2U1MQTUXTUWQ	RAB_FAILESTABCSQ_DIRRETRY	NUMBER	[B67109423] C67190100
TX1GHB0NXCBHUCEJTTICCOKSXX	RAB_FAILESTABCSQ_DLGRATEUNAVAI	NUMBER	[B67109423] C67190101
YVFBUSWDJ4CDYD4RVOV565GBFM	RAB_FAILESTABCSQ_DLMAXRATEUNAV	NUMBER	[B67109423] C67190102
VJPYLLWF6VBXHE6M33MYVW04A2	RAB_FAILESTABCSQ_IUESTABFAIL	NUMBER	[B67109423] C67190109
SBG4YWGME2CRSBMU46J24Q1BQO	RAB_FAILESTABCSQ_RADIOFAIL	NUMBER	[B67109423] C67190111
R20BMK2GHOC1BRL3VYJ4KUDDPB	RAB_FAILESTABCSQ_RELOCTRIG	NUMBER	[B67109423] C67190112
TAVS3I53FRBCDT4T1HXQYBF0D4	RAB_FAILESTABCSQ_REQSUPSED	NUMBER	[B67109423] C67190113
XQXSDMSOR4C2QTI0C46M3EA4LF	RAB_FAILESTABCSQ_RESUNAVAIL	NUMBER	[B67109423] C67190114
XS3Y5B66JUB3BDK05DG3WR4TAC	RAB_FAILESTABCSQUEUING_TQUEEXP	NUMBER	[B67109423] C67190115
S0GQ41PRHNC2XB4MATLB4	RAB_FAILESTABCSQ_	NUMBER	[B67109423] C67190118

P3GY6	ULGRATEUNAVAI		
XOIPPKCVWKBPHB2K1Q0TRN1TBH	RAB_FAILESTABCSQ_ULMAXRATEUNAV	NUMBER	[B67109423] C67190119

7.44.24HUA_RNC_RAB_ESTFAIPSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109427] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TEDQEINCHDCJMDFUYPOFRURTG5	RAB_FAILESTABPSNOQ_DLGRATEUNAV	NUMBER	[B67109427] C67190134
UTBDS6WXSOBYSEUIK3XUJALXLE	RAB_FAILESTABPSNOQ_DLMAXRATEUN	NUMBER	[B67109427] C67190135
UJ35PRKOCKCGBDFWIIMY4SYJGB	RAB_FAILESTABPSNOQ_INVGRATE	NUMBER	[B67109427] C67190136
RHKLR54AD4CODDVI2WJDCORNI5	RAB_FAILESTABPSNOQ_INVRABID	NUMBER	[B67109427] C67190137
YPTPML4HLFCKFCW10IP5BE1IDL	RAB_FAILESTABPSNOQ_INVRABPARAM	NUMBER	[B67109427] C67190138
SO0TTEOGYABIODGTLS2Y6ABJLM	RAB_FAILESTABPSNOQ_INVRABPCOMB	NUMBER	[B67109427] C67190139
TNO2PJXVUWCSFSP45EY1MWIP3T	RAB_FAILESTABPSNOQ_INVSDUPARAM	NUMBER	[B67109427] C67190140
SOOSQG2LT5CF3DW4V5G5CEN3NX	RAB_FAILESTABPSNOQ_INVTRFPRI	NUMBER	[B67109427] C67190141
YPE36PCTFLCX6SGH4JUI2110CQ	RAB_FAILESTABPSNOQ_IUESTABFAIL	NUMBER	[B67109427] C67190142
XR5CKKDNEHBCICULN3DVSAAFJG	RAB_FAILESTABPSNOQ_RELOCTRIG	NUMBER	[B67109427] C67190144

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WCTSBLGI3FCFLCNYVMI46YWEBE	RAB_FAILESTABPSNOQ_REQSUPSED	NUMBER	[B67109427] C67190145
V3QHUGNOWLB6BDEORQ6AQPV02R	RAB_FAILESTABPSNOQ_RESUNAVAIL	NUMBER	[B67109427] C67190146
YQ6CEHD6D3BBUCHDCDP0U66ALT	RAB_FAILESTABPSNOQ_TRDELAYUNAV	NUMBER	[B67109427] C67190147
Y3WDTLCNCXB5OSOQQFQVYOJD1G	RAB_FAILESTABPSNOQ_TRFCLASSUNA	NUMBER	[B67109427] C67190148
RUQI2BL2LPCYNTIT0OQV2J0N3T	RAB_FAILESTABPSNOQ_ULGRATEUNAV	NUMBER	[B67109427] C67190149
SFOO1E6IXHBBTBJ4FJE6CH2ENR	RAB_FAILESTABPSNOQ_ULMAXRATEUN	NUMBER	[B67109427] C67190150
UEVKLXTUAQCBVUUO42NB32IJAC	RAB_FAILESTABPSNOQ_UPVERUNSUPP	NUMBER	[B67109427] C67190152
VSV0FOYJXPBN4T6VEFVHFYY6S1	RAB_FAILESTABPSQ_DIRRETRY	NUMBER	[B67109427] C67190153
YG5404FCYHBQ2T1PWLW60CFH55	RAB_FAILESTABPSQ_DLGRATEUNAVAI	NUMBER	[B67109427] C67190154
Y2XS1L5FSUBJUUHSUBHSHA6EIY	RAB_FAILESTABPSQ_DLMAXRATEUNAV	NUMBER	[B67109427] C67190155
UUUITE1G30CUEC3PBBMG0CUGH6	RAB_FAILESTABPSQ_IUESTABFAIL	NUMBER	[B67109427] C67190162
T2JJF2GTBHCNDS42IQEKD4IVJO	RAB_FAILESTABPSQ_RADIOFAIL	NUMBER	[B67109427] C67190164
SWVCBSSW25BRHC22R0UIRAJGWW	RAB_FAILESTABPSQ_RELOCTRIG	NUMBER	[B67109427] C67190165
RRO3LPRA44CUCB4D1UQBBQUHYP	RAB_FAILESTABPSQ_REQSUPSED	NUMBER	[B67109427] C67190166
SPJIS3LQMTCABEC1DXF3YS2DYV	RAB_FAILESTABPSQ_RESUNAVAIL	NUMBER	[B67109427] C67190167
X15Y606DHNBOXCVIQOAAH3PVRW	RAB_FAILESTABPSQUEUING_TQUEEXP	NUMBER	[B67109427] C67190168
UAQ546V4J6BKKB11IQ2FCFCH6X	RAB_FAILESTABPSQ_ULGRATEUNAVAI	NUMBER	[B67109427] C67190171
X5XYF6FLBSCVJUHJOUIUI	RAB_FAILESTABPSQ_	NUMBER	[B67109427] C67190172

HD5F1	ULMAXRATEUNAV		

7.44.25HUA_RNC_RAB_ESTPSATTRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109426] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YQ0XFTEUYEC10CPCEJF6SB2Y6Y	RAB_ATTESTABPS_BGRD	NUMBER	[B67109426] C67174785
XLJVRFKPTTBOFU0G5B6CFM1PQK	RAB_ATTESTABPS_CONV	NUMBER	[B67109426] C67174788
UA1OLNMA4HBYOSKL3LO3J101H2	RAB_ATTESTABPS_INTACT	NUMBER	[B67109426] C67174787
RBQE43PHRTCSMCGJ42L24HXAMP	RAB_ATTESTABPS_STRM	NUMBER	[B67109426] C67174786
SAUF24XRIRC1NRLEVUHFPQPTDF	VS_RAB_ATTESTABPS_128_RNC	NUMBER	[B67109426] C67174850
T5B0F34S1YBNCRC5DPWOCW6VVD	VS_RAB_ATTESTABPS_384_RNC	NUMBER	[B67109426] C67174849
T26DFRMLWUBOJS2M5MY24C1DED	VS_RAB_ATTESTABPS_64_RNC	NUMBER	[B67109426] C67174851
XRU6PCDFTUBCITSV34OHHAICW1	VS_RAB_ATTESTPSBKG0_32_RNC	NUMBER	[B67109426] C67174827
TSJTCQFREPBKMRYBJUBDBLQHR1	VS_RAB_ATTESTPSBKG144384_RNC	NUMBER	[B67109426] C67174830
W0XBTTK4IKC3IBTJFX3J5IBUQT	VS_RAB_ATTESTPSBKG32_64_RNC	NUMBER	[B67109426] C67174828
WUW5JQ26ABBPTDVWENW1XJLTRE	VS_RAB_ATTESTPSBKG64_144_RNC	NUMBER	[B67109426] C67174829

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YPINNJ0DTVBGPUXO1BQ554IBNR	VS_RAB_ATTESTPSBKGMOR384_RNC	NUMBER	[B67109426] C67174831
YEJSYCOBMWBNDC5FC2Q6U0L6OR	VS_RAB_ATTESTPSCONV0_32_RNC	NUMBER	[B67109426] C67174815
XY2YSUSAPPCF4SHIGGKKOON1XB	VS_RAB_ATTESTPSCONVMOR32_RNC	NUMBER	[B67109426] C67174816
WDI1A5ID0VBFRB2XDKBKVDEAB1	VS_RAB_ATTESTPSINT0_32_RNC	NUMBER	[B67109426] C67174822
YEO01LFUOQC2LR344RXDWMLL10	VS_RAB_ATTESTPSINT144384_RNC	NUMBER	[B67109426] C67174825
VFPRHODMBIB0VSRKY0I36F2R11	VS_RAB_ATTESTPSINT32_64_RNC	NUMBER	[B67109426] C67174823
RRYGQXH3MXCRBSKER2FJDSTVNK	VS_RAB_ATTESTPSINT64_144_RNC	NUMBER	[B67109426] C67174824
YMO1HEPYRPCK5ELQK0WTM1WFYA	VS_RAB_ATTESTPSINTMOR384_RNC	NUMBER	[B67109426] C67174826
WKTJV1AV1WCNHT6SCQQQS0AWJA	VS_RAB_ATTESTPSSTR0_32_RNC	NUMBER	[B67109426] C67174817
U1WDH5DS4SBOTD1IOOAAEIXHIL	VS_RAB_ATTESTPSSTR144384_RNC	NUMBER	[B67109426] C67174820
SQ2C1VBNV0BPXD1400O1EFGO53	VS_RAB_ATTESTPSSTR32_64_RNC	NUMBER	[B67109426] C67174818
SOSFHPT5HJC3IDFYS2ETF1K3BM	VS_RAB_ATTESTPSSTR64_144_RNC	NUMBER	[B67109426] C67174819
STDYP20FGGBYABAXN4AUJASA2E	VS_RAB_ATTESTPSSTRMOR384	NUMBER	[B67109426] C67174821
WNVEITXIX4CCIT3OVEJPOKQFQ6	VS_RAB_NUM_PS_MEAN	FLOAT	[B67109426] C67199790
RLRXVW2LXBCCVE46YOANGARGNW	VS_RAB_ATTESTABPS_CMB_RNC	NUMBER	[B67109426] C67190603

7.44.26HUA_RNC_RAB_MODCSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHA	[B67109424] RNC_Id

		R2(50)	
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGLNIYY2AHDHA0035XKCUC6	RAB_SUCCMODCSNOQUEUING_CONV	NUMBER	[B67109424] C67203841
UB2WGLPIYY2AHDHA0035XKCUC6	RAB_SUCCMODCSNOQUEUING_STRM	NUMBER	[B67109424] C67203842
UB2WGLRIYY2AHDHA0035XKCUC6	RAB_SUCCMODCSQUEUING_CONV	NUMBER	[B67109424] C67192293
UB2WGLTIYY2AHDHA0035XKCUC6	RAB_SUCCMODCSQUEUING_STRM	NUMBER	[B67109424] C67192294
UB2WGSTIYY2AHDHA0035XKCUC6	VS_FBACK_RABMODREQCS_CONV_RNC	NUMBER	[B67109424] C67203800
XWMSRHP1QCBA1E6PKXPQEHRWYM	VS_RAB_ATTMODCS_CONV_RNC	NUMBER	[B67109424] C67174725
Y2BVOR6D3IBQBT3RB3JOE2PJDB	VS_RAB_ATTMODCS_STR_RNC	NUMBER	[B67109424] C67174726
YPUM5USF4WCD5RYHY1JCIBRWS4	VS_RAB_SUCCMODCS_CONV_RNC	NUMBER	[B67109424] C67174727
ULEB4G3WXBCHHRHHTFTWBD6W4D	VS_RAB_SUCCMODCS_STR_RNC	NUMBER	[B67109424] C67174728

7.44.27HUA_RNC_RAB_MODPSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109428] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGLVIYY2AHDHA0035X	RAB_SUCCMODPSNOQ	NUMBER	[B67109428] C67192109

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KCUC6	UEUING_BGRD		
UB2WGLXIYY2AHDHA0035XKCUC6	RAB_SUCCMODPSNOQUEUING_CONV	NUMBER	[B67109428] C67192106
UB2WGM0IYY2AHDHA0035XKCUC6	RAB_SUCCMODPSNOQUEUING_INTACT	NUMBER	[B67109428] C67192108
UB2WGM2IYY2AHDHA0035XKCUC6	RAB_SUCCMODPSNOQUEUING_STRM	NUMBER	[B67109428] C67192107
UB2WGM4IYY2AHDHA0035XKCUC6	RAB_SUCCMODPSQUEUING_BGRD	NUMBER	[B67109428] C67192298
UB2WGM6IYY2AHDHA0035XKCUC6	RAB_SUCCMODPSQUEUING_CONV	NUMBER	[B67109428] C67192295
UB2WGMBIYY2AHDHA0035XKCUC6	RAB_SUCCMODPSQUEUING_INTACT	NUMBER	[B67109428] C67192297
UB2WGMDIYY2AHDHA0035XKCUC6	RAB_SUCCMODPSQUEUING_STRM	NUMBER	[B67109428] C67192296
WCRFEGVPCVB4HTGEDSYJU0I12V	VS_RAB_ATTMODPS_BKG_RNC	NUMBER	[B67109428] C67174796
UKB0CJLEYNC6YU6A03KOJV2MSD	VS_RAB_ATTMODPS_CONV_RNC	NUMBER	[B67109428] C67174793
YXVP3WW1UYCHEDDDFFQLBCQDHU	VS_RAB_ATTMODPS_INT_RNC	NUMBER	[B67109428] C67174795
YT1D4M0WV6BB1RLOG5OII0G4HG	VS_RAB_ATTMODPS_STR_RNC	NUMBER	[B67109428] C67174794
R5UBW3XBX2CGNRKJXARDKRXSLS	VS_RAB_FAILMODPS_RNC	NUMBER	[B67109428] C67190175
SSLK4YPRMOB1JELTQHQA6MXEDN	VS_RAB_SUCCMODPS_BKG_RNC	NUMBER	[B67109428] C67174800
R4Y5JJUR52BEVC3RGJF6I6K1PO	VS_RAB_SUCCMODPS_CONV_RNC	NUMBER	[B67109428] C67174797
W0H6VFLD2KBEQUMORBN6UUVORL	VS_RAB_SUCCMODPS_INT_RNC	NUMBER	[B67109428] C67174799
Y2QILWE223CGNR2QXMFP3YEA4N	VS_RAB_SUCCMODPS_STR_RNC	NUMBER	[B67109428] C67174798

7.44.28HUA_RNC_RABLOSS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109554] RNC_Id
CNOPERATOR_ID		VARCHAR2(50)	[B67109554] CNNAME & "/" & CNINDEX
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYGDLUI2AIDKRB02OFAWJHK	RAB_LOSS_AMR_ABNORM_PLMN_RNC	NUMBER	[B67109554] C67196192
XLSNYGFLUI2AIDKRB02OFAWJHK	RAB_LOSS_AMR_NORM_PLMN_RNC	NUMBER	[B67109554] C67196193
XLSNYGHLUI2AIDKRB02OFAWJHK	RAB_LOSS_CS64_ABNORM_PLMN_RNC	NUMBER	[B67109554] C67196194
XLSNYGJLUI2AIDKRB02OFAWJHK	VS_RAB_LOSS_CS64_NORM_PLMN_RNC	NUMBER	[B67109554] C67196195
XLSNYGLLUI2AIDKRB02OFAWJHK	VS_RAB_LOSS_PS_ABNORM_PLMN_RNC	NUMBER	[B67109554] C67196196
XLSNYGNLUI2AIDKRB02OFAWJHK	VS_RAB_LOSS_PS_NORM_PLMN_RNC	NUMBER	[B67109554] C67196197

7.44.29HUA_RNC_RABRELCSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109425] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGLLIYY2AHDHA0035XKCUC6	RAB_ATTRELCS_SUM	NUMBER	[B67109425] C67192101

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UH2KKPLIYY2AHDHA0035XKCUC6	VS_RAB_FAILRELCS	NUMBER	[B67109425] C67192103
UH2KKR6IYY2AHDHA0035XKCUC6	VS_RAB_SUCCRELCS	NUMBER	[B67109425] C67192102
YHLOM1NNX3BNICSGKLLQJS5AVQ	VS_RAB_ATTRELCS_CONV_RNC	NUMBER	[B67109425] C67174729
WYTVYNR4YXBTTSF0V5MH31UJ6P	VS_RAB_ATTRELCS_STR_RNC	NUMBER	[B67109425] C67174730

7.44.30HUA_RNC_RABRELPSRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109429] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKPNIYY2AHDHA0035XKCUC6	VS_RAB_FAILRELPS	NUMBER	[B67109429] C67192105
UH2KKRBIYY2AHDHA0035XKCUC6	VS_RAB_SUCCRELPS	NUMBER	[B67109429] C67192104

7.44.31HUA_RNC_RB_USGCSCVRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
S6SN05IX46BAUCTG65USI0GFFA	VS_RB_DLCONVCS_28_8_RNC	FLOAT	[B67109440] C67202757
YGSILHKWMECFQDW6FR53WGWGN5	VS_RB_DLCONVCS_32_RNC	FLOAT	[B67109440] C67202760
WPONUYCLPLBL3BVUV6635MSS56	VS_RB_DLCONVCS_56_RNC	FLOAT	[B67109440] C67202763
WFPJB2RMMCBDGECOWK4	VS_RB_DLCONVCS_	FLOAT	[B67109440] C67202766

UADIEH3	64_RNC		
W1QD0JJH3BCP0UX3EIAKVXKA22	VS_RB_ULCONVCS_28_8_RNC	FLOAT	[B67109440] C67202769
TL0D51VNTCCPTD4RCEVA0MOA0B	VS_RB_ULCONVCS_32_RNC	FLOAT	[B67109440] C67202772
VJPDYRNMDMCJPTV5B4XPG20I31	VS_RB_ULCONVCS_56_RNC	FLOAT	[B67109440] C67202775
WLXAJ5YFB0CLMBNMMR5XDSI3JV	VS_RB_ULCONVCS_64_RNC	FLOAT	[B67109440] C67202778

7.44.32HUA_RNC_RB_USGCSSTRRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VIB5BFB3TMBRKBJBBLI53P5ROO	VS_RB_DLSTRCS_14_4_RNC	FLOAT	[B67109440] C67202745
W0E0Q0J5F4BDBSDQO5MD1AFKRT	VS_RB_DLSTRCS_28_8_RNC	FLOAT	[B67109440] C67202742
WIXBM4AMH0BGFBHJ15L6BB15V0	VS_RB_DLSTRCS_57_6_RNC	FLOAT	[B67109440] C67202739
ULGSN40EOMB2WTB64V52WV6ND3	VS_RB_ULSTRCS_14_4_RNC	FLOAT	[B67109440] C67202754
XVHWQAOIBRBTUTA3HQSEN5KUDP	VS_RB_ULSTRCS_28_8_RNC	FLOAT	[B67109440] C67202751
UL1PJJCHP1B0AD6BUBFFI2D030	VS_RB_ULSTRCS_57_6_RNC	FLOAT	[B67109440] C67202748

7.44.33HUA_RNC_RB_USGPSBKGRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WEH2D0LF1SCKVSJKMMGSNMNEWG	VS_RB_DLBKGPS_128_RNC	FLOAT	[B67109440] C67202700
YCHJ3FPRHQCKFS4QG5ICGM0VS6	VS_RB_DLBKGPS_144_RNC	FLOAT	[B67109440] C67202697
RCRTETMFTDCQURWTJJUAG3DSDX	VS_RB_DLBKGPS_16_RNC	FLOAT	[B67109440] C67202709
U6GEN5Q4NHBGITKFFTR2HOAQJ1	VS_RB_DLBKGPS_256_RNC	FLOAT	[B67109440] C67202694
XMNUH2X2PNB3NR1YKWLEBBGGNJ	VS_RB_DLBKGPS_32_RNC	FLOAT	[B67109440] C67202706
YTJBIQPD3KBF1TLJT4GRL2EIP1	VS_RB_DLBKGPS_384_RNC	FLOAT	[B67109440] C67202691
TV6LYSUYIPBD4EILAJNYEE5TEQ	VS_RB_DLBKGPS_64_RNC	FLOAT	[B67109440] C67202703
XR43RUAGGFBHHBD1S4PPWFQYLS	VS_RB_DLBKGPS_8_RNC	FLOAT	[B67109440] C67202712
VRTM5GYXECB3QS2H20UEUK5H1L	VS_RB_ULBKGPS_128_RNC	FLOAT	[B67109440] C67202724
XUQENL65TTC6YD0WTGSRVTLKID	VS_RB_ULBKGPS_144_RNC	FLOAT	[B67109440] C67202721
WNL2DOG32GBAHSSG14NDNA1G6A	VS_RB_ULBKGPS_16_RNC	FLOAT	[B67109440] C67202733
S6XAE1IYP2BBKCXNFDB6WVFST2	VS_RB_ULBKGPS_256_RNC	FLOAT	[B67109440] C67202718
V2G1G20JBVCFXUEC45RODEX6E1	VS_RB_ULBKGPS_32_RNC	FLOAT	[B67109440] C67202730
WO6SWRDONMBHUBRN4AHVS243TQ	VS_RB_ULBKGPS_384_RNC	FLOAT	[B67109440] C67202715

SOIIRSFWM3BXTBIKGACDSAFLAJ	VS_RB_ULBKGPS_64_RNC	FLOAT	[B67109440] C67202727
WHFL0P053YCTWS1BQP0H1WOVD6	VS_RB_ULBKGPS_8_RNC	FLOAT	[B67109440] C67202736

7.44.34HUA_RNC_RB_USGPSCVRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RDK5QJDMSH2AIDKSR02UAY2NVM	VS_RB_DLCONVPS_38_8_RNC	FLOAT	[B67109440] C67204798
RDK5QJFMSH2AIDKSR02UAY2NVM	VS_RB_DLCONVPS_39_2_RNC	FLOAT	[B67109440] C67204799
RDK5QJHMSH2AIDKSR02UAY2NVM	VS_RB_DLCONVPS_40_RNC	FLOAT	[B67109440] C67204800
RDK5QJJMSH2AIDKSR02UAY2NVM	VS_RB_DLCONVPS_42_8_RNC	FLOAT	[B67109440] C67204801
RDK5QJLMSH2AIDKSR02UAY2NVM	VS_RB_ULCONVPS_38_8_RNC	FLOAT	[B67109440] C67204802
RDK5QJNMSH2AIDKSR02UAY2NVM	VS_RB_ULCONVPS_39_2_RNC	FLOAT	[B67109440] C67204803
RDK5QJPMSH2AIDKSR02UAY2NVM	VS_RB_ULCONVPS_40_RNC	FLOAT	[B67109440] C67204804
RDK5QJRMSH2AIDKSR02UAY2NVM	VS_RB_ULCONVPS_42_8_RNC	FLOAT	[B67109440] C67204805
XOYG0QTUDSBEUUOEJC2HRAP02O	VS_RB_DLCONVPS_16_RNC	FLOAT	[B67109440] C67202580
UKBLSFH53YCOGC03PX1KAL1VDE	VS_RB_DLCONVPS_32_RNC	FLOAT	[B67109440] C67202583

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R21P656GE4CT0EM2SCLEKH3Q4S	VS_RB_DLCONVPS_64_RNC	FLOAT	[B67109440] C67202586
Y1THC05LI4BCQBV45IF1WLWCBC	VS_RB_DLCONVPS_8_RNC	FLOAT	[B67109440] C67202577
S6B44TAFMEBCPSIPN2L461YRSF	VS_RB_ULCONVPS_16_RNC	FLOAT	[B67109440] C67202592
TOSIQ35KE3C1SEV0PEJHLQ1SE2	VS_RB_ULCONVPS_32_RNC	FLOAT	[B67109440] C67202595
WNRDUQXRCWBUFDVY05F6KU1R3X	VS_RB_ULCONVPS_64_RNC	FLOAT	[B67109440] C67202598
RT2QFE1DGLBTIDQEY3DJBB5YLJ	VS_RB_ULCONVPS_8_RNC	FLOAT	[B67109440] C67202589

7.44.35HUA_RNC_RB_USGPSGLRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY2FLUI2AIDKRB02OFAWJHK	VS_RB_RATEDOWN_TO_0KBPS_RNC	NUMBER	[B67109440] C67196306
TJ3WMFMKGGCVPEQ5YNRGGX4RT1	VS_RB_LOSS_PS_0_64_RNC	NUMBER	[B67109440] C67190722
YTRANYWRE2CCQDSTV4YONEJ0T6	VS_RB_LOSS_PS_144_384_RNC	NUMBER	[B67109440] C67190724
XRO6LWNK5OBN3EXOGVVIV3LARV	VS_RB_LOSS_PS_64_144_RNC	NUMBER	[B67109440] C67190723
YIN4KINYXLBNDUTPG0VUE2X1D0	VS_RB_LOSS_PS_MOR384_RNC	NUMBER	[B67109440] C67190725
YDHBJIDL1OCULE1R1HIR0EVDBK	VS_RB_ATTRECFGPS_CMB_RNC	NUMBER	[B67109440] C67190606
VYCRU6OQNJC6SDHSMERL0YRFJW	VS_RB_SUCCRECFGPS_CMB_RNC	NUMBER	[B67109440] C67190607

7.44.36HUA_RNC_RB_USGPSSTRRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VCU1VSQ0RUC2KSNYUSOPVK5D64	VS_RB_ULSTRPS_128_RNC	FLOAT	[B67109440] C67202628
WUQY5H5ENTCD0UFW1NG5ANXHNS	VS_RB_ULSTRPS_144_RNC	FLOAT	[B67109440] C67202625
W26DMEIE2LCRYBM1OV1ILGHCEE	VS_RB_ULSTRPS_16_RNC	FLOAT	[B67109440] C67202637
SWNB0CVS2NBWTB1B3X6E4AN4RR	VS_RB_ULSTRPS_256_RNC	FLOAT	[B67109440] C67202622
TRT6YYD156BW6RQ6FEH3TVQITP	VS_RB_ULSTRPS_32_RNC	FLOAT	[B67109440] C67202634
YYJBN2Y03MBVFRRVX2PO2JV0GE	VS_RB_ULSTRPS_64_RNC	FLOAT	[B67109440] C67202631
SPO62WXCQMBS2CQAE3ITHCV4BF	VS_RB_ULSTRPS_8_RNC	FLOAT	[B67109440] C67202640
UVO46NMGGFCSMEKCGQFKD1GGAI	VS_RB_DLSTRPS_128_RNC	FLOAT	[B67109440] C67202607
Y5ECXENLW2CUPR1LA4B3C4W6X3	VS_RB_DLSTRPS_144_RNC	FLOAT	[B67109440] C67202604
W26CC2D20CBODD5FIF3XSNHRCO	VS_RB_DLSTRPS_16_RNC	FLOAT	[B67109440] C67202616
V00HV6MP3GCT3E402UHI26D0HK	VS_RB_DLSTRPS_256_RNC	FLOAT	[B67109440] C67202601
VAHSQNYHGFCPSRNRQ34YGKSY5E	VS_RB_DLSTRPS_32_RNC	FLOAT	[B67109440] C67202613
TC1H30KP1AC2LDW2XY411	VS_RB_DLSTRPS_64	FLOAT	[B67109440] C67202610

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WECFX	_RNC		
VBDH6GU21LC6UDID5EILEH6SBU	VS_RB_DLSTRPS_8_RNC	FLOAT	[B67109440] C67202619

7.44.37HUA_RNC_RBUSGDRD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGRHIYY2AHDHA0035XKCUC6	VS_DRD_RB_D2H_SUCC_RNC	NUMBER	[B67109440] C67192445
UB2WGRJIYY2AHDHA0035XKCUC6	VS_DRD_RB_D2H_ATT_RNC	NUMBER	[B67109440] C67192444

7.44.38HUA_RNC_RLC_STAT_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109448] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SS6YNBGHQ3CV6DROKXIDQ6EVR2	RLC_DISCARDEDBLOCKSBYRNC	NUMBER	[B67109448] C67202539
U1D1HQGJPCBE3R5G5BYS2M0MMI	RLC_NBRBLOCKSRECEIVED_AM	NUMBER	[B67109448] C67202537
V6TJR31U6GCWGBLUD3B54MVSC1	RLC_NBRBLOCKSRECEIVED_TM	NUMBER	[B67109448] C67202536
W53ET4WTCQC0LBLWE4E4OOI6IQ	RLC_NBRBLOCKSRECEIVED_UM	NUMBER	[B67109448] C67202538
XTH5V5Q2YHBGLD1ONC5OHIL04T	RLC_NBRBLOCKSSENT_AM	NUMBER	[B67109448] C67202534
XMLJHKCVJKC52UJIDOA0	RLC_NBRBLOCKSSENT_	NUMBER	[B67109448] C67202533

VTNQGF	TM		
UQMTKP1OMJBSHEI0YM14CX3T3W	RLC_NBRBLOCKSSENT_UM	NUMBER	[B67109448] C67202535
V0IT0YBJG4CMEDOA6L0DSG51YC	RLC_RETRANSMITTEDBLOCKSTOUE	NUMBER	[B67109448] C67202540
S0TUIMUSXYBNWDK31LGADSD0I6	VS_RLC_DL_BUFFEROCCUPYCOUNTNUM	NUMBER	[B67109448] C67190344
S1WMA2DNICCW1CD414TINN6DHQ	VS_RLC_DL_BUFFEROCCUPYLEN_HIGH	NUMBER	[B67109448] C67190343
WA5CL60UWXCYKSGGUIYG5VPHQT	VS_RLC_DL_BUFFEROCCUPYLEN_LOW	NUMBER	[B67109448] C67190342
XHPPD4HUUHC5DU4JODNCUIRB40	VS_RLC_DLBUFF_LEN	NUMBER	[B67109448] C67202532
W1FWQKC4NJC42UNA0D1JLMAEKT	VS_RLC_DLBUFF_MEAN_OCCUP_LEN	FLOAT	[B67109448] C67202530

7.44.39HUA_RNC_RR_CMB_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109430] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23IFILK2AHDH6B035XKCUC6	VS_RAB_ULSIGREL_CMB_RNC	NUMBER	[B67109430] C67191697

7.44.40HUA_RNC_RRC_CONSETRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109420] RNC_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
YASEG3VN5FBKECW111Y6XGM0YE	VS_RRC_ATTCONN_UESBI_UU	NUMBER	[B67109420] C67190069
VRGSYJ4IWJCP0B1W304G1TN46R	VS_RRC_ATTCONNESTAB	NUMBER	[B67109420] C67174450
Y0QFP0QHUICGEUHMGMVBYY3WE5	VS_RRC_ATTCONNESTAB_CCH	NUMBER	[B67109420] C67174705
R3WPYTY0KEC41R2PBA3TSW2UDJ	VS_RRC_ATTCONNESTAB_CELLRES	NUMBER	[B67109420] C67174507
RU1EJW16BACGNEXIQRP6TKVSBI	VS_RRC_ATTCONNESTAB_DCH	NUMBER	[B67109420] C67174689
RIUNOI3ERBCR3SGSQLHCQJAU3W	VS_RRC_ATTCONNESTAB_DETACH	NUMBER	[B67109420] C67174510
SVY4ALFWSGCKHTDVIORDUHDKL0	VS_RRC_ATTCONNESTAB_EMG	NUMBER	[B67109420] C67174506
WN05NBUBBXCLACBXRJ3JBMSUFI	VS_RRC_ATTCONNESTAB_MSG	NUMBER	[B67109420] C67174449
WBPQ2DSL2WCMDDJTHADMNFFQVG	VS_RRC_ATTCONNESTAB_ORGBKG	NUMBER	[B67109420] C67174500
WQTYNKD4UXCYAEYU3NGW6EYFJL	VS_RRC_ATTCONNESTAB_ORGCONV	NUMBER	[B67109420] C67174497
TWJ24J5QQWCAQEG2DI3RTES2LX	VS_RRC_ATTCONNESTAB_ORGHPSIG	NUMBER	[B67109420] C67174511
S4DH6NKMN5BSXDOYW3Q4RLD3JW	VS_RRC_ATTCONNESTAB_ORGINT	NUMBER	[B67109420] C67174499
RE10M3PN5FB2FULVPCMJSSMSFJ	VS_RRC_ATTCONNESTAB_ORGLPSIG	NUMBER	[B67109420] C67174512
VETGC12PW4BSCTD61SSOW34FU3	VS_RRC_ATTCONNESTAB_ORGSTR	NUMBER	[B67109420] C67174498
SBJNE06I1KBLGSXI3LCD65O5PL	VS_RRC_ATTCONNESTAB_ORGSUBS	NUMBER	[B67109420] C67174501
W13CFDAPJHCXLRSNC4MFMM1YFO	VS_RRC_ATTCONNESTAB_REG	NUMBER	[B67109420] C67174509
VHUL6LHOE6CHPUWU023GYFIRP4	VS_RRC_ATTCONNESTAB_REST	NUMBER	[B67109420] C67174513

YKLBK0K5BNB5XDL6NMG22C3XOS	VS_RRC_ATTCONNESTAB_TMHPSIG	NUMBER	[B67109420] C67174514
T64HQXBAKTBXFEGLBWDEYRVESG	VS_RRC_ATTCONNESTAB_TMLPSIG	NUMBER	[B67109420] C67174515
VPGV4PCTDBC6KCGXNUG3X25XLK	VS_RRC_ATTCONNESTAB_TRMBKG	NUMBER	[B67109420] C67174505
YR1USVVU1ECIWBU0KN2IM5G3ML	VS_RRC_ATTCONNESTAB_TRMCONV	NUMBER	[B67109420] C67174502
XQNCLG6MEECI0B5R31HMLBLRLN	VS_RRC_ATTCONNESTAB_TRMINT	NUMBER	[B67109420] C67174504
Y40A00LQJWBB5BLCD1W4YX1H2F	VS_RRC_ATTCONNESTAB_TRMSTR	NUMBER	[B67109420] C67174503
U5EW3IDUY4CDSCQYEDEJPWXMK5	VS_RRC_ATTCONNESTAB_UNKNOWN	NUMBER	[B67109420] C67174516
XUC43U5AWCCAVDME3KQMNKFUY0	VS_RRC_FAILCONEST_CNG_RNC	NUMBER	[B67109420] C67174625
THOEDOXJ3MCNPREIQTO6N1UQN4	VS_RRC_FAILCONEST_RNC	NUMBER	[B67109420] C67174453
XAF2T31NQACSGDQC3Q52MUAM1R	VS_RRC_SETUPCONNESTAB	NUMBER	[B67109420] C67174451
Y0VC5WYCUSC6TETPBK3LB3BLTC	VS_RRC_SETUPCONNESTAB_DCH	NUMBER	[B67109420] C67174690
Y41XDRLUPWCKVUN5WJM0QGX1XT	VS_RRC_SUCCCONN_UESBI_UU	NUMBER	[B67109420] C67190070
UED16XJUWKCTQCB6J30BLDDQKF	VS_RRC_SUCCCONNESTAB	NUMBER	[B67109420] C67174452
YQYBD1TWXJC3BCHM10WNSPKQOC	VS_RRC_SUCCCONNESTAB_CCH	NUMBER	[B67109420] C67174706
YF1MH63VCIBGMR1FLNAMPRJ445	VS_RRC_SUCCCONNESTAB_CELLRES	NUMBER	[B67109420] C67174571
Y2VWW2BW2WBKFDF5VJHFYPBUM0	VS_RRC_SUCCCONNESTAB_DCH	NUMBER	[B67109420] C67174691

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XHWOXVM5OCBLMB2LWEQ54HSX0Q	VS_RRC_SUCCCONNESTAB_DETACH	NUMBER	[B67109420] C67174574
VUPA2FQV4GBFWR2V0B04AIPEVD	VS_RRC_SUCCCONNESTAB_EMG	NUMBER	[B67109420] C67174570
YMNUDYIUK2CMJE1A3GQMH23XGM	VS_RRC_SUCCCONNESTAB_FIRST_RNC	NUMBER	[B67109420] C67190590
WTGVUW1BPPCYCC4WJ5WKWSDYAH	VS_RRC_SUCCCONNESTAB_OGLPSIG	NUMBER	[B67109420] C67174576
SDYTHGMFKOCUVCT1LOEVOTL4TB	VS_RRC_SUCCCONNESTAB_ORGBKG	NUMBER	[B67109420] C67174564
UUDIPN56X6BIURMP3FOG1WE52N	VS_RRC_SUCCCONNESTAB_ORGCONV	NUMBER	[B67109420] C67174561
WWXQYLPK0HBO2CPPTMQNPEDW23	VS_RRC_SUCCCONNESTAB_ORGHPSI	NUMBER	[B67109420] C67174575
S22PHPMOKVCXUSHWAYTIX25TMX	VS_RRC_SUCCCONNESTAB_ORGINT	NUMBER	[B67109420] C67174563
U4JYNFMBF5CSECDUHTBMRKIYAN	VS_RRC_SUCCCONNESTAB_ORGSTR	NUMBER	[B67109420] C67174562
VUENUKAY4ACA1BAVJPC5PCWQ0P	VS_RRC_SUCCCONNESTAB_ORGSUBS	NUMBER	[B67109420] C67174565
XSBVCOX1IMCU1UHQOOTJ1MRNAQ	VS_RRC_SUCCCONNESTAB_REG	NUMBER	[B67109420] C67174573
S4LUPXNU1SCX3RCJ3HQIXEMI2B	VS_RRC_SUCCCONNESTAB_REST	NUMBER	[B67109420] C67174577
X1BFTP5W2CCMTTVMGJQGWNBXAU	VS_RRC_SUCCCONNESTAB_SEC_RNC	NUMBER	[B67109420] C67190591
VUX0DRSBRTB0PU4JKNPGLY0RNR	VS_RRC_SUCCCONNESTAB_THIRD_RNC	NUMBER	[B67109420] C67190592
Y16SLW6NB5BM4BT601QRUQWPD5	VS_RRC_SUCCCONNESTAB_TMHPSI	NUMBER	[B67109420] C67174578
YK3MIYOUX3CDFEGHIP5HB3HW1L	VS_RRC_SUCCCONNESTAB_TMLPSI	NUMBER	[B67109420] C67174579
S26H2DNMSQB3AT2E2OS443VP2S	VS_RRC_SUCCCONNESTAB_TRMBKG	NUMBER	[B67109420] C67174569
VMHBJQ4Q1UCBUCENE4MA	VS_RRC_SUCCCONN	NUMBER	[B67109420] C67174566

1QUQWP	ESTAB_TRMCONV		
YJMPK3EKKXBGKB1ITRPRBTH5G5	VS_RRC_SUCCCONNESTAB_TRMINT	NUMBER	[B67109420] C67174568
UFHIEYSBTVBTAUW6WT0OMTAOBL	VS_RRC_SUCCCONNESTAB_TRMSTR	NUMBER	[B67109420] C67174567
WMR4AWAYRHB63R4XT12RHXLIIK	VS_RRC_SUCCCONNESTAB_UNKNOWN	NUMBER	[B67109420] C67174580
XFIUK6SPM2CDDU3C56AFKDLYGM	VS_RRCSTATUSIND_RNC	NUMBER	[B67109420] C67190071
TEI03WDIRW2AHDH6R035XKCUC6	VS_RRC_ATTCONNESTAB_CMB_RNC	NUMBER	[B67109420] C67190601
TEI03WFIRW2AHDH6R035XKCUC6	VS_RRC_SUCCCONNESTAB_CMB_RNC	NUMBER	[B67109420] C67190602
XLSNY1HLUI2AIDKRB02OFAWJHK	VS_RRC_ATTCONNESTAB_MBMSREP	NUMBER	[B67109420] C67195968
XLSNY1JLUI2AIDKRB02OFAWJHK	VS_RRC_ATTCONNESTAB_MBMSPTP	NUMBER	[B67109420] C67195969
XLSNY1LLUI2AIDKRB02OFAWJHK	VS_RRC_SUCCCONNESTAB_MBMSREP	NUMBER	[B67109420] C67195970
XLSNY1NLUI2AIDKRB02OFAWJHK	VS_RRC_SUCCCONNESTAB_MBMSPTP	NUMBER	[B67109420] C67195971
XLSNY1PLUI2AIDKRB02OFAWJHK	RRC_CONNESTAB_SUCC_RNC_RATE	FLOAT	[B67109420] C67204854

7.44.41HUA_RNC_RRC_RELEASE_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109421] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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YK51EBSJ1XBO5TY5PBXET0V0IQ	VS_RRC_ATTCONREL_CNG_RNC	NUMBER	[B67109421] C67190072
SAOG136L3GB65SJ4DTM5R4GR0K	VS_RRC_ATTCONREL_NORMREL_RNC	NUMBER	[B67109421] C67174641
TRM5PDGF5XB35SQFJ50UEA13HF	VS_RRC_ATTCONREL_PREEMPT_RNC	NUMBER	[B67109421] C67190073
WCODJBSFVKC3KBBKPHPBL12GJQ	VS_RRC_ATTCONREL_REESTRJ_RNC	NUMBER	[B67109421] C67190075
VCJ5PXDP6MC40SSOWFW6TK6MTX	VS_RRC_ATTCONREL_RNC	NUMBER	[B67109421] C67174454
UPKKCHQCG0B0LE4HVJDEFSNLFR	VS_RRC_ATTCONREL_SIGREST_RNC	NUMBER	[B67109421] C67190076
XQ5QQJ5EGEC2TE0SXP0VD5HO0M	VS_RRC_ATTCONREL_UNSPEC_RNC	NUMBER	[B67109421] C67174647
RB04KHTLGFCKYDV1A5KONLSMSP	VS_RRC_ATTCONREL_USRIACT_RNC	NUMBER	[B67109421] C67190074
TV5INK4BDLBL0R6TBXJXT0U6AY	VS_URAUPD_RRCREL_RNC	NUMBER	[B67109421] C67175687

7.44.42HUA_RNC_RRC_STATES_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109450] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RDGCEAKMT5C32TUP6DXXUYKUF6	VS_CELLDCHUES_RNC	FLOAT	[B67109450] C67199465
VJXONLJTRTC6GBKV34OKMDAPMK	VS_CELLFACHUES_RNC	FLOAT	[B67109450] C67199466
S64DDHHDMRCXVRXKB5NY62KQYT	VS_CELLPCHUES_RNC	FLOAT	[B67109450] C67199467
TJ5OBPBQUACTYRQXYC3GOU3COQ	VS_URAPCHUES_RNC	FLOAT	[B67109450] C67199468

7.44.43HUA_RNC_SIG_MSG_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109445] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SB2IAFJY1WB6TRGJBWNCNIKFXA	VS_IU_ATT_SECMODE	NUMBER	[B67109445] C67190317
WVRIJ4SDBIBH1B6JOHD2RY6UIS	VS_IU_REJSECMD_NAS	NUMBER	[B67109445] C67190321
YV13GUV1M6BE3S4Y5U0XKDPPGT	VS_IU_REJSECMD_OPT	NUMBER	[B67109445] C67190322
YJJ534V61QBN0EHHGDGX04B6O1	VS_IU_REJSECMD_RNL	NUMBER	[B67109445] C67190319
TTQNLKQUQ1CPWSMSHPP3QBVH4V	VS_IU_REJSECMD_TNL	NUMBER	[B67109445] C67190320
S4XOT1QMGLB23CF1PT60LGSM5E	VS_IU_REJSECMD_UNSP	NUMBER	[B67109445] C67190323
X33LHBRSEOCERULROGTHCWHAVF	VS_IU_SUCCSECMODE	NUMBER	[B67109445] C67190318
YFOIFF3MS6BRFCS04DLNUOLXKM	VS_UU_ATT_SECMODE	NUMBER	[B67109445] C67190324
WL1JXQWVAXC62UFGXJCBKG5QF0	VS_UU_SUCC_SECMODE	NUMBER	[B67109445] C67190325

7.44.44HUA_RNC_SOFT_HO_RNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109446] RNC_Id
TSTAMP		DATE	

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INSTANCE_ID		NUMBER	
UH2KKSBIYY2AHDHA0035XKCUC6	VS_SHO_AS_4	FLOAT	[B67109446] C67203933
UH2KKSFIYY2AHDHA0035XKCUC6	VS_SHO_AS_5	FLOAT	[B67109446] C67203934
UH2KKSJIYY2AHDHA0035XKCUC6	VS_SHO_AS_6	FLOAT	[B67109446] C67203935
R4B6KCYJEABGPUJEQNVBCM4ATV	VS_NON_SOFT_HO_USER	FLOAT	[B67109446] C67199722
RJEMRVS5Y1CKKDMGWXJG6KEKNY	VS_SHO_AS_1	FLOAT	[B67109446] C67199432
SI6DWR2LM4C2REVXOU5Q5YYFKQ	VS_SHO_AS_2SOFT	FLOAT	[B67109446] C67199434
SEO13ATAVUBK6BPSJ53OOMMD1T	VS_SHO_AS_2SOFTER	FLOAT	[B67109446] C67199433
WTGKXEH5WQBE0EV5O36SUMRVDV	VS_SHO_AS_3SOFT	FLOAT	[B67109446] C67199436
VJRET506LOCKFSAXRRHYE5HSXL	VS_SHO_AS_3SOFT2SOFTER	FLOAT	[B67109446] C67199437
X52MBU1GTDBOLSCAJ4D4MSUHFV	VS_SHO_AS_3SOFTER	FLOAT	[B67109446] C67199435
YMUNYB2MBVBY4BFJV30KW4UL0A	VS_SHO_ATT_RNC	NUMBER	[B67109446] C67175266
RD44DK2SU5B0ABJL4OS3PCO32L	VS_SHO_DROP_RNC	NUMBER	[B67109446] C67175283
WCMRUGFQILBP3CLIL5VQED1ORV	VS_SHO_SUCC	NUMBER	[B67109446] C67175267
V65YOIHRPMBWNSWQQHCORLDRFH	VS_SOHO_ASU_ATTRNC	NUMBER	[B67109446] C67175268
VLWRXEQ4ACCMBRJG4XXJ0250XU	VS_SOHO_SUCC	NUMBER	[B67109446] C67175269

7.44.45HUA_RNC_SRNS_RELDRIRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping

BSC_ID		VARCHAR2(50)	[B67109433] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
VTQ60CIIUKCFDUVKJ6SBD53KGK	RELOC_FAILRESALLOCUEINVCS_RESU	NUMBER	[B67109433] C67175884
UXFRSCXOWDB61EMRG5GG5CQOWP	VS_DRELOC_COMMIT_UESBI_IU	NUMBER	[B67109433] C67190205
WLEJRRXPG3CMPTOHDNAEEK0UCY	VS_DRELOC_EXECFAIL_CONG	NUMBER	[B67109433] C67175893
UADG3JXG5QB4BS5KG3XE2OGLPW	VS_DRELOC_EXECFAIL_UNSP	NUMBER	[B67109433] C67175894
RD5FX213SGC43TS4OTAS0LNSEL	VS_DRELOC_INFO_UESBI_UU	NUMBER	[B67109433] C67190206
TG2XJIAIJGBWHUIFPA25OENDTM	VS_DRELOC_PREPFAIL_IUREL	NUMBER	[B67109433] C67190207
YJFFW0HUAJC3SUPROHI6IQX20J	VS_DRELOC_PREPFAIL_NAS	NUMBER	[B67109433] C67175881
VSJLA4MHNDCM1BY0ONFKB52GGO	VS_DRELOC_PREPFAIL_OM	NUMBER	[B67109433] C67175883
XY1PVM6PADCAUTCPYEDBY0NSLU	VS_DRELOC_PREPFAIL_RNL	NUMBER	[B67109433] C67175879
Y60PVB1102BQ6RH4B12G4R23IB	VS_DRELOC_PREPFAIL_TNL	NUMBER	[B67109433] C67175880
X2XRB0RUNQCAFRO1C26T6BHHY2	VS_TRELOC_ATTEXEC_UEINV	NUMBER	[B67109433] C67190208
XBKOGH2F5QBE0EBKAD13C1K5SO	VS_TRELOC_ATTEXEC_UENONINV	NUMBER	[B67109433] C67190209
W0HWQBX10NBCXENAPB3BABRLQD	VS_TRELOC_ATTPREP_UEINV	NUMBER	[B67109433] C67190210
SM1ITI36MFBTXEPKSJSYGKVU0V	VS_TRELOC_ATTPREP_UENONINV	NUMBER	[B67109433] C67190211

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VTI5AK3X40C5ACOOCKH651IJO2	VS_TRELOC_SUCCEXEC_UEINV	NUMBER	[B67109433] C67190213
UAFQF16Q54CSVBV5CKSRAK26QC	VS_TRELOC_SUCCEXEC_UENOTINV	NUMBER	[B67109433] C67190212
XET40LL4FBBVGSB2DDXJW2BJ5P	VS_TRELOC_SUCCPREP_UEINV	NUMBER	[B67109433] C67190214
XD60I6NLSSB45UBA1KOTYG3CKM	VS_TRELOC_SUCCPREP_UENONINV	NUMBER	[B67109433] C67190215
YNLRNN3UIDCN5DRH2EKIVNNQI0	RELOC_FAILRESALLOCUEINVCS_CUS	NUMBER	[B67109433] C67191115
XDELP2F5SQBR3ERIIM5HU6SSN0	RELOC_FAILRESALUENOTINVPS_CUS	NUMBER	[B67109433] C67191100
U16FXXDDJHCD6SAKTOAN4SN10P	VS_RELOC_ATTRESALUENOTINVCS_RO	NUMBER	[B67109433] C67191108
UHPBTQQIXBBVFROQVKJD4A3NLM	VS_RELOC_ATTRESALUENOTINVPS_RO	NUMBER	[B67109433] C67191092
S2IA0H4NIMB3ER3M153B502TKB	VS_RELOC_SUCRESALLOCUEINVPS_RO	NUMBER	[B67109433] C67191097
YPY0R12CJKCAPCI2JADOXUMCXR	VS_RELOC_ATTRESALLOCUEINVPS_RO	NUMBER	[B67109433] C67191091
WG23D0QSAAC6BE5I46NCRFO14B	VS_RELOC_SUCRESALLUEINVOLPS_TC	NUMBER	[B67109433] C67191093
UB2423T2PEBGCDLL3L13XY5GGD	VS_RELOC_SUCRESALUENOTINVCS_TC	NUMBER	[B67109433] C67191110
XR2TRYBJYLBCDU1HQVK1154RXU	RELOC_FRESALUENOTINVCS_CIUNSUP	NUMBER	[B67109433] C67191116
XVQXW4YTTCBMNTD3NLCWVU6A63	RELOC_FAILRESALUENOTINVCS_RESU	NUMBER	[B67109433] C67191117
V5AL2NBT2GCKWUY0F4GUS2DPAL	VS_RELOC_ATTRESALLOCUEINVCS_RO	NUMBER	[B67109433] C67191107
RCB2OBFYR2C64U23WVE4XB4YT4	VS_RELOC_ATTRESALLOCUEINVCS_RF	NUMBER	[B67109433] C67191105
YFLGI1L5SRCV1R0NKAWL1NWFEI	VS_RELOC_ATTRESALLOCUEINVPS_TC	NUMBER	[B67109433] C67191087
U2N1OO0AF4B3BTCYD6J1D	VS_RELOC_ATTRESAL	NUMBER	[B67109433] C67191104

N1OGJ	UENOTINVCS_TC		
UYU60VLEV4BETTFP5GPIRWDRK3	VS_RELOC_ATTRESALUENOTINVPS_TC	NUMBER	[B67109433] C67191088
RNBCL5OT1TCFMD2PE1EE3CBK5X	VS_RELOC_SUCRESALUENOTINVPS_RF	NUMBER	[B67109433] C67191096
YJFI52NC1DCMLUTSRF212V0SGO	VS_RELOC_SUCRESALLOCUEINVCS_TC	NUMBER	[B67109433] C67191109
YKUFJVLFY6CJVBIU6WL4JK1O6L	VS_RELOC_SUCCRESALUEINVPS_RF	NUMBER	[B67109433] C67191095
X5RXNCHDCNBIKC2N16VFJQNHSJ	RELOC_FAILRESALLUEINVPS_RESUN	NUMBER	[B67109433] C67191101
TD1NJYPSNCCQVRQRO1YACEU5DM	VS_RELOC_ATTRESALUENOTINVCS_RF	NUMBER	[B67109433] C67191106
UWBCBGIL1PCTKRK3UC2MELBJKV	RELOC_FAILRESALUENOTINVPS_RESU	NUMBER	[B67109433] C67191102
W65RUOY3A5BYUEXRR46VSOU3UY	VS_RELOC_ATTRESALLOCUEINVCS_TC	NUMBER	[B67109433] C67191103
YJ413EPB6SCD3BSPESDIIOM5BA	VS_RELOC_SUCCRESALUEINVOLCS_RO	NUMBER	[B67109433] C67191113
UEDTQG0MNACQNU3HVKAW50U2CY	RELOC_FAILRESALUEINVPS_CIUNSUP	NUMBER	[B67109433] C67191099
UWS0OPRYDPB2WUGJNSICYKWCMS	VS_RELOC_ATTRESALLOCUEINVPS_RF	NUMBER	[B67109433] C67191089
YWOPAC26BXC5ETPWQO2ASN2EEM	VS_RELOC_ATTRESALUENOTINVPS_RF	NUMBER	[B67109433] C67191090
V3G0A1K4PACRHTK6WKFX13G1P2	VS_RELOC_SUCRESALUENOTINVCS_RF	NUMBER	[B67109433] C67191112
URXVBXSFBOBQRSAKV5XT4FNBSX	VS_RELOC_SUCRESALUENOTINVCS_RO	NUMBER	[B67109433] C67191114
XDNLTDYQB3BXRBTXKFO4EETNQI	VS_RELOC_SUCRESALUENOTINVPS_RO	NUMBER	[B67109433] C67191098
U3B6TF1HH2CEVRYQ6JJPD	VS_RELOC_SUCCRESA	NUMBER	[B67109433] C67191111

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MNG1O	LUEINVCS_RF		
T4K2CY6313CJWCH6DHP6EIK3A6	VS_RELOC_SUCRESALUENOTINVPS_TC	NUMBER	[B67109433] C67191094
YEARQ2VUPW2AHRHR0035XVPKR0	B67109432_C67192683	NUMBER	[B67109432] C67192683
YEARQ2XUPW2AHRHR0035XVPKR0	B67109432_C67192684	NUMBER	[B67109432] C67192684

7.44.46HUA_RNC_SRNS_RELSERVRNC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109432] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
TYCWGXJXUACDJEH43MRXM0KTKE	RELOC_ATTPREP	NUMBER	[B67109432] C67190190
XT1AKROENYCWQBU06AAKEF6UDK	RELOC_SUCCCS	NUMBER	[B67109432] C67190196
WFDN12BRHYBPOCAFOOH2A31AYS	RELOC_SUCCPREP	NUMBER	[B67109432] C67190191
VYI2BLWBAWCWFD2RQ3BTWKU1FX	VS_RELOC_ATTPREPUEINVOLCS_RESO	NUMBER	[B67109432] C67190186
VJOMR5IEQIBYGB03UQM6EADYPP	VS_RELOC_ATTPREPUEINVOLCS_RF	NUMBER	[B67109432] C67190185
WTT0KTCDSKCXWBLLW5F5BM4C5J	VS_RELOC_ATTPREPUEINVOLCS_TC	NUMBER	[B67109432] C67190184
V00JKYJCGJBCUCNAYR0G5X2WLD	VS_RELOC_SUCCPREPUEINVOLCS_RO	NUMBER	[B67109432] C67190189
TF0GLL1VUWBWOT22G0OANPTST4	VS_RELOC_SUCCPREPUEINVOLCS_RF	NUMBER	[B67109432] C67190188
SEKO0OKXW1CPADXPMNPYXT6CTX	VS_RELOC_SUCCPREPUEINVOLCS_TC	NUMBER	[B67109432] C67190187
XLTMWIBO3KBBDCQOA56F	VS_SRELOC_ATTEXE	NUMBER	[B67109432] C67190201

SMBD5M	C_UEINV		
SPEW1LVD3DBS3TOTCJFQU4R3BN	VS_SRELOC_ATTEXEC_UENONINV	NUMBER	[B67109432] C67190203
UYVCLM1SEYB54B4NMWOFVMA0VM	VS_SRELOC_ATTPREP_UEINV	NUMBER	[B67109432] C67190197
YCHELG6JCLB3QUYDLFS2JDGM5R	VS_SRELOC_ATTPREP_UENONINV	NUMBER	[B67109432] C67190198
S5XEO2JPLXBG6CTF4QYF3X6H6L	VS_SRELOC_SUCCEXEC_UEINV	NUMBER	[B67109432] C67190204
YMUQ60JAQWCXFCA0VOTUCNYCP1	VS_SRELOC_SUCCEXEC_UENONINV	NUMBER	[B67109432] C67190202
UTEE1IXDP5BRFEXODWRXVIMJLY	VS_SRELOC_SUCCPREP_UEINV	NUMBER	[B67109432] C67190199
W0TSDXDNVUC4NUWYXB523OMO65	VS_SRELOC_SUCCPREP_UENONINV	NUMBER	[B67109432] C67190200
STQNGHF2QIBJ2TEX4TNDTFQO5F	VS_SRELOC_TRELPRPEX	NUMBER	[B67109432] C67190397
T3KH14U2L6BEPR50R6OVRSLG01	VS_RELOC_ATTPREPUENOTINVCS_RO	NUMBER	[B67109432] C67191049
XVDKBXXVTNBH5CVPBJHATHHUQK	VS_RELOC_ATTPREPUENOTINVPS_RO	NUMBER	[B67109432] C67191065
RHKXCUDH23BH0SXYBCTTJSCLIY	VS_RELOC_SUCCPREPUENOTINVCS_TC	NUMBER	[B67109432] C67191050
TYBIRR4VEYCTOCUY6KUN4H2EUH	RELOC_SUCCPS	NUMBER	[B67109432] C67191086
X6HHVF5JLWCGJDM0GJFJFQT6YE	VS_RELOC_ATTPREPUEINVOLPS_RF	NUMBER	[B67109432] C67191062
RHKW6NIE43BXGTXGAVLE64WTJL	VS_RELOC_SUCCPREPUEINVOLPS_TC	NUMBER	[B67109432] C67191066
TNBGS56SFRCFKRC2DLPWRYWQJB	VS_RELOC_ATTPREPUEINVOLPS_TC	NUMBER	[B67109432] C67191060
S0O06BBB3RB6LSPHIHDALX	VS_RELOC_ATTPREPU	NUMBER	[B67109432] C67191063

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5G4D	ENOTINVPS_RF		
VYL3CJRCT0CYXCDCGN1JDHWJI4	VS_RELOC_SUCCPREPUENOTINVCS_RF	NUMBER	[B67109432] C67191051
VRQ3EIOMF4BD6SJJ5SY3LHB06I	VS_RELOC_ATTPREPUENOTINVCS_RF	NUMBER	[B67109432] C67191048
SP306B6RPTCHIRIXH4EU6PKXMX	VS_RELOC_ATTPREPUENOTINVCS_TC	NUMBER	[B67109432] C67191047
VLQR6Y5I14BFREQA2YJQUBQOKJ	VS_RELOC_ATTPREPUEINVPS_RESOPT	NUMBER	[B67109432] C67191064
T4HSX04TIBBNTTYELA6Y0ROSVB	VS_RELOC_SUCCPREPUENOTINVPS_RO	NUMBER	[B67109432] C67191071
VTEBFGCCA5BU4UNDQJWFJL65X2	VS_RELOC_SUCCPREPUEINVOLPS_RF	NUMBER	[B67109432] C67191068
SYTE2WMAJICQME1S50BOPUHV0Q	VS_RELOC_SUCCPREPUENOTINVPS_TC	NUMBER	[B67109432] C67191067
VC0EENN61KCTVBJC3YLJSPTE46	VS_RELOC_ATTPREPUENOTINVPS_TCR	NUMBER	[B67109432] C67191061
VAWJTO3R36CGSRDH2X5XQ24Y4T	VS_RELOC_SUCCPREPUENOTINVCS_RO	NUMBER	[B67109432] C67191052
WC6FPGVB6DCTNBGWY1WFAQJABD	VS_RELOC_SUCCPREPUEINVOLPS_RO	NUMBER	[B67109432] C67191070
SR1V6RM0I6CJ0D2WTWBNMQ25YS	VS_RELOC_SUCCPREPUENOTINVPS_RF	NUMBER	[B67109432] C67191069
XCRTH4PAHK26SDGMB00HW05BPA	REL_SUC	NUMBER	[B67109432] C67190196_R6
XCTJH32AHK26SDGMB00HW05BPA	VS_RELOC_REQPR_RESOP	NUMBER	[B67109432] C67190186_R6
XCV52KLAHK26SDGMB00HW05BPA	VS_RELOC_REQPR_TIMECR	NUMBER	[B67109432] C67190184_R6
XCWRBTLAHK26SDGMB00HW05BPA	VS_RELOC_SUCPR_RF	NUMBER	[B67109432] C67190188_R6
UH2KKSNIYY2AHDHA0035XKCUC6	VS_SRELOC_ATTEX_UENONINVCS_RNC	NUMBER	[B67109432] C67192143
UH2KKSPIYY2AHDHA0035XKCUC6	VS_SRELOC_ATTEX_UENONINVPS_RNC	NUMBER	[B67109432] C67192142

YEARQ30UPW2AHRHR0035XVPKR0	B67109432_C67192685	NUMBER	[B67109432] C67192685
YEARQ32UPW2AHRHR0035XVPKR0	B67109432_C67192686	NUMBER	[B67109432] C67192686
YEARQ34UPW2AHRHR0035XVPKR0	B67109432_C67192687	NUMBER	[B67109432] C67192687
YEARQ36UPW2AHRHR0035XVPKR0	B67109432_C67192688	NUMBER	[B67109432] C67192688

7.44.47HUA_RNC_SRNS_RELSVRNCFA_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109432] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UPQM4K4PR0C05RLJSWM3GQO4FW	RELOC_FAILPREPUEINVCS_CIUNSUP	NUMBER	[B67109432] C67190192
YAUG05ODRNBXAELXYTGCBTWG3E	RELOC_FAILPREPUEINVOLCS_OM	NUMBER	[B67109432] C67175736
TPUB0HY2WTC63DWMYQ1YASQ4KP	RELOC_FAILPREPUEINVCS_RELTGBAR	NUMBER	[B67109432] C67190193
SGMKHXC4WSCSRUISR45LG2FAYM	RELOC_FAILPREPUEINVOLCS_RESUN	NUMBER	[B67109432] C67190194
WQRQPSEX2OBK1BWA46BMNVXVSD	RELOC_FAILPREPUEINVCS_TRLCPREX	NUMBER	[B67109432] C67175739
VUNQF34LCCB2RE01B4XJSOQW2R	RELOC_FAILPREPUEINVCS_TSYRELUN	NUMBER	[B67109432] C67175740
V1KXQO0DFVBNETGM6MJU55YLPY	RELOC_FAILPREPUEINVOLCS_UNSP	NUMBER	[B67109432] C67190195
SSXA11HMR1CTEUO1WDTY	VS_SRELOC_EXECFAI	NUMBER	[B67109432] C67175803

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4RVTGS	L_CFGINCMP		
RI1PYYJ6P5B5BUTUD5TDCT0MV4	VS_SRELOC_EXECFAIL_CFGINVAL	NUMBER	[B67109432] C67175802
W2MQ6JYF0TB3SCBEXUPOPPYAXR	VS_SRELOC_EXECFAIL_CFGUNSUP	NUMBER	[B67109432] C67175799
T3QGOM5YY1B1CESPQGHKVPX2UD	VS_SRELOC_EXECFAIL_EXP	NUMBER	[B67109432] C67175804
TSTEUW5KJEBW5ENAOSYIGH526O	VS_SRELOC_EXECFAIL_IUREL	NUMBER	[B67109432] C67175805
RCS3FYVQT6BCUDVS1VM2WEWP6V	VS_SRELOC_EXECFAIL_PHYFAIL	NUMBER	[B67109432] C67175800
R0GKJRB2GCCAJT1CDSVOWWMMWT	VS_SRELOC_PREPFAIL	NUMBER	[B67109432] C67175745
Y1UXTD03HQBAGBSI1LQGG3DE1A	RELOC_FAILPREPUENOTINVPS_CIUNS	NUMBER	[B67109432] C67191073
RJWHQ1WM1LBT5CJS1VVL1O5EQA	RELOC_FAILPREPUENOTINVPS_RESUN	NUMBER	[B67109432] C67191083
WG1E3HV0PCBWUTMKPDARBWWCP5	RELOC_FAILPREPUENOTINVCS_RESUN	NUMBER	[B67109432] C67191058
VIDBVHOE4OBNRBVS0HQIFTJ4DJ	RELOC_FAILPREPUENOTINVCS_TLPRE	NUMBER	[B67109432] C67191054
WJF42QD35YBPHCDDLUMGPLX1FJ	RELOC_FAILPREPUENOTINVCS_TSYRU	NUMBER	[B67109432] C67191055
V15URFCNJEBCQDU6M5VNHF2W5H	RELOC_FAILPREPUENOTINVOLCS_OM	NUMBER	[B67109432] C67191057
WDPXB5A16OBKKUXT3PF252MIT5	RELOC_FAILPREPUEINVPS_CIUNSUP	NUMBER	[B67109432] C67191072
VISAODK1GHBD1RXRRVO13TRKLS	RELOC_FAILPREPUEINVOLPS_TLPRE	NUMBER	[B67109432] C67191074
VDQFGI3PPPCC4SQQFN15IWKC0G	RELOC_FAILPREPUEINVPS_TSYRELUN	NUMBER	[B67109432] C67191076
XT33BP6C3WB22ELWOL5DPMMPLU	RELOC_FAILPREPUENOTINVCS_RTGBA	NUMBER	[B67109432] C67191056
YVXSKKI1YWCTLUM50MJUG6MOTT	RELOC_FAILPREPUENOTINVPS_TLPRE	NUMBER	[B67109432] C67191075

WSORFHNXYJB0PSQQPYB55Q3QX5	RELOC_FAILPREPUEINVOLPS_OM	NUMBER	[B67109432] C67191080
RI24Y4EJNEBYET6YBU6ELHFGJN	RELOC_FAILPREPUEINVOLPS_UNSP	NUMBER	[B67109432] C67191084
RYG4QT1KUJC4JEJ3AEOTSYJ3Q3	RELOC_FAILPREPUENOTINVCS_CIUNS	NUMBER	[B67109432] C67191053
SPPUNON1JECGHEBBVBUGHUW5QB	RELOC_FAILPREPUENOTINVPS_UNSP	NUMBER	[B67109432] C67191085
VWLKHQSYABB2XTB2J6Q3R3S60X	RELOC_FAILPREPUEINVPS_RELTGBAR	NUMBER	[B67109432] C67191078
U5KOJXI3IHCQQTG2OE6VXRA0SR	RELOC_FAILPREPUENOTINVOLPS_OM	NUMBER	[B67109432] C67191081
X21LF4AKA4BEVDYJS3JIJP5INB	RELOC_FAILPREPUENOTINVPS_RELTB	NUMBER	[B67109432] C67191079
VRIBYVE06CCKSBK1WSY1OJX5YT	RELOC_FAILPREPUENOTINVPS_TSYRU	NUMBER	[B67109432] C67191077
T04NT2XGT1BPYSNTWRPLO36AF1	RELOC_FAILPREPUENOTINVOLCS_UNS	NUMBER	[B67109432] C67191059
T6AKGQMURHC5BSMF5QLV2MNEAK	RELOC_FAILPREPUEINVOLPS_RESUN	NUMBER	[B67109432] C67191082
XCIP0DPAHK26SDGMB00HW05BPA	RELOC_FAILPR_CIPUNSUP	NUMBER	[B67109432] C67190192_R6
XCKI4H2AHK26SDGMB00HW05BPA	RELOC_FAILPR_RELTGBAR	NUMBER	[B67109432] C67190193_R6
XCMHQ26AHK26SDGMB00HW05BPA	RELOC_FAILPR_RESUNAV	NUMBER	[B67109432] C67190194_R6
XCO26PLAHK26SDGMB00HW05BPA	RELOC_FAILPR_TSYRELUNS	NUMBER	[B67109432] C67175740_R6
XCPP4KDAHK26SDGMB00HW05BPA	RELOC_FAILPR_TRELOCEXP	NUMBER	[B67109432] C67175739_R6
UB2WGMFIYY2AHDHA0035XKCUC6	RELOC_FAILPREP_OM	NUMBER	[B67109432] C67192192

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UB2WGMHIYY2AHDHA0035XKCUC6	RELOC_FAILPREP_TALEXP	NUMBER	[B67109432] C67192189
UB2WGMJIYY2AHDHA0035XKCUC6	RELOC_FAILPREP_UNSP	NUMBER	[B67109432] C67192194
UH2KKSRIYY2AHDHA0035XKCUC6	VS_SRELOC_EXECFAIL_EXPCS_RNC	NUMBER	[B67109432] C67192141
UH2KKSTIYY2AHDHA0035XKCUC6	VS_SRELOC_EXECFAIL_EXPPS_RNC	NUMBER	[B67109432] C67192140
YHBGKLTK4X2AHDHB0035XKCUC6	RELOC_FAILPREP_CIPHUNSUPP	NUMBER	[B67109432] C67192188
YHBGKLVK4X2AHDHB0035XKCUC6	RELOC_FAILPREP_TSYSRELOCUNS	NUMBER	[B67109432] C67192190
YHBGKLXK4X2AHDHB0035XKCUC6	RELOC_FAILPREP_RELOCTGBARRED	NUMBER	[B67109432] C67192191
YHBGKM0K4X2AHDHB0035XKCUC6	RELOC_FAILPREP_RESUNAVAIL	NUMBER	[B67109432] C67192193

7.44.48HUA_RNC_TRAFFIC_LOAD_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109460] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UB2WGRBIYY2AHDHA0035XKCUC6	VS_CSLOAD_ERLANG_EQUIV_ALLSPU	FLOAT	[B67109460] C67203917
UB2WGRDIYY2AHDHA0035XKCUC6	VS_CSLOAD_MAXERLANG_EQUIV_RNC	FLOAT	[B67109460] C67192086
UH2KKNNIYY2AHDHA0035XKCUC6	VS_PSLOAD_DLTHRUPUT_ALLSPU	FLOAT	[B67109460] C67203919
UH2KKP6IYY2AHDHA0035XKCUC6	VS_PSLOAD_MAXDLTHRUPUT_RNC	FLOAT	[B67109460] C67192088
UH2KKPBIYY2AHDHA0035XKCUC6	VS_PSLOAD_MAXULTHRUPUT_RNC	FLOAT	[B67109460] C67192087
UH2KKPDIYY2AHDHA0035	VS_PSLOAD_ULTHR	FLOAT	[B67109460] C67203918

XKCUC6	UPUT_ALLSPU		
VBKJFF4YKVBPXSBR0LWNK25VWW	VS_CSLOAD_ERLANG_EQUIV_RNC	FLOAT	[B67109460] C67202970
UKM1QRLYFFCK6SP2ATBL4XJN56	VS_PSLOAD_DLTHRUPUT_RNC	FLOAT	[B67109460] C67202972
VN35RC3VSCC06CUWI1PSFPR3SV	VS_PSLOAD_ULTHRUPUT_RNC	FLOAT	[B67109460] C67202971

7.44.49HUA_RNC_UL_INPS_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
BSC_ID		VARCHAR2(50)	[B67109440] RNC_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23J0ILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_384_RNC	FLOAT	[B67109440] C67202667
UUO23J2ILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_256_RNC	FLOAT	[B67109440] C67202670
UUO23J4ILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_144_RNC	FLOAT	[B67109440] C67202673
UUO23J6ILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_128_RNC	FLOAT	[B67109440] C67202676
UUO23JBILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_64_RNC	FLOAT	[B67109440] C67202679
UUO23JDILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_32_RNC	FLOAT	[B67109440] C67202682
UUO23JFILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_16_RNC	FLOAT	[B67109440] C67202685
UUO23JHILK2AHDH6B035XKCUC6	VS_RB_ULINTERPS_8_RNC	FLOAT	[B67109440] C67202688

7.45 Raw SAAL_Link Tables

7.45.1 HUA_SAALLINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SAAL_LINK_ID		VARCHAR2(50)	[B67109451] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY2XLUI2AIDKRB02OFAWJHK	VS_SAAL_LNKERR_BUFFERLOSS	NUMBER	[B67109451] C67196153
YKAYW1NUPW2AHRHR0035XVPKR0	B67109451_C67182593	NUMBER	[B67109451] C67182593
YKAYW1PUPW2AHRHR0035XVPKR0	B67109451_C67182594	NUMBER	[B67109451] C67182594
YKAYW1RUPW2AHRHR0035XVPKR0	B67109451_C67182595	NUMBER	[B67109451] C67182595
YKAYW1TUPW2AHRHR0035XVPKR0	B67109451_C67182596	NUMBER	[B67109451] C67182596
YKAYW1VUPW2AHRHR0035XVPKR0	B67109451_C67182597	NUMBER	[B67109451] C67182597
YKAYW1XUPW2AHRHR0035XVPKR0	B67109451_C67182598	NUMBER	[B67109451] C67182598
YKAYW20UPW2AHRHR0035XVPKR0	B67109451_C67182600	NUMBER	[B67109451] C67182600
YKAYW22UPW2AHRHR0035XVPKR0	B67109451_C67182601	NUMBER	[B67109451] C67182601
YKAYW24UPW2AHRHR0035XVPKR0	B67109451_C67182602	NUMBER	[B67109451] C67182602
YKAYW30UPW2AHRHR0035XVPKR0	B67109451_C67190388	NUMBER	[B67109451] C67190388
YKAYW32UPW2AHRHR0035XVPKR0	B67109451_C67190387	NUMBER	[B67109451] C67190387
YKAYW34UPW2AHRHR0035XVPKR0	B67109451_C67190615	NUMBER	[B67109451] C67190615
YKAYW36UPW2AHRHR003	B67109451_C6719061	NUMBER	[B67109451] C67190616

5XVPKR0	6		
YKAYW3BUPW2AHRHR0035XVPKR0	B67109451_C67182599	NUMBER	[B67109451] C67182599

7.45.2 HUA_SAALPVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SAAL_LINK_ID		VARCHAR2(50)	[B67109458] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YKAYW3FUPW2AHRHR0035XVPKR0	B67109458_C67190503	NUMBER	[B67109458] C67190503
YKAYW3HUPW2AHRHR0035XVPKR0	B67109458_C67190504	NUMBER	[B67109458] C67190504
YKAYW3JUPW2AHRHR0035XVPKR0	B67109458_C67190743	NUMBER	[B67109458] C67190743
YKAYW3LUPW2AHRHR0035XVPKR0	B67109458_C67190744	NUMBER	[B67109458] C67190744
YKAYW3NUPW2AHRHR0035XVPKR0	B67109458_C67202980	NUMBER	[B67109458] C67202980
YKAYW3PUPW2AHRHR0035XVPKR0	B67109458_C67202981	NUMBER	[B67109458] C67202981

7.45.3 HUA_SAALPVCLAYER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SAAL_LINK_ID		VARCHAR2(50)	[B67109517] RNC_ID & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

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SUIHN4XURP2AHRHR0035XVPKR0	B67109517_C67194771	FLOAT	[B67109517] C67194771
SUIHN50URP2AHRHR0035XVPKR0	B67109517_C67204473	FLOAT	[B67109517] C67204473
SUIHN52URP2AHRHR0035XVPKR0	B67109517_C67194773	FLOAT	[B67109517] C67194773
SUIHN54URP2AHRHR0035XVPKR0	B67109517_C67204474	FLOAT	[B67109517] C67204474
SUIHN56URP2AHRHR0035XVPKR0	B67109517_C67194775	NUMBER	[B67109517] C67194775
SUIHN5BURP2AHRHR0035XVPKR0	B67109517_C67194776	NUMBER	[B67109517] C67194776
SUIHN5DURP2AHRHR0035XVPKR0	B67109517_C67194777	NUMBER	[B67109517] C67194777
SUIHN5FURP2AHRHR0035XVPKR0	B67109517_C67194778	NUMBER	[B67109517] C67194778
SUIHN5HURP2AHRHR0035XVPKR0	B67109517_C67194779	NUMBER	[B67109517] C67194779
SUIHN5JURP2AHRHR0035XVPKR0	B67109517_C67194780	NUMBER	[B67109517] C67194780
SUIHN5LURP2AHRHR0035XVPKR0	B67109517_C67194781	NUMBER	[B67109517] C67194781
SUIHN5NURP2AHRHR0035XVPKR0	B67109517_C67194782	NUMBER	[B67109517] C67194782
SON0HGE2I32AHSR1B02OFFB2F6	B67109517_C67194772	NUMBER	[B67109517] C67194772
SON0HGG2I32AHSR1B02OFFB2F6	B67109517_C67194774	NUMBER	[B67109517] C67194774

7.46 Raw SCCP Tables

7.46.1 HUA_SCCP_SCCP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCCP_ID		VARCHA	[B67109452] RNC_Id &

		R2(50)	"/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R01NMP4K6UBKJD5JYP1Q616FUV	OS_SCCP_FAIL_REL_CMP	NUMBER	[B67109452] C67178881
YY316XIW2FC6WU0DAQ1IW26TWG	OS_SCCP_HANDLELOCALSSNMSG	NUMBER	[B67109452] C67178836
TSPTF5EWFIB6ETOXAAMABB20OE	OS_SCCP_HANDLETOTALMSG	NUMBER	[B67109452] C67178835
Y5F6463XWTCVMBSEGSXBV1QLPQ	OS_SCCP_MSG_TOOLARGE	NUMBER	[B67109452] C67178904
XI00EFCOSCCOEBEWSANONJDC1S	OS_SCCP_PROVINITREL	NUMBER	[B67109452] C67178883
RBEN3PAUOQBKTTAMLCU206DUP1	OS_SCCP_REASS_EXPIR	NUMBER	[B67109452] C67178901
XIMPSDGNSBCMLTOWYGYT143VIY	OS_SCCP_REASS_NOSPACE	NUMBER	[B67109452] C67178903
VX5HC3AMP1CAITTJTCX3OJXIQX	OS_SCCP_REASS_OUTOFSEQ	NUMBER	[B67109452] C67178902
XH2ESOET4VCVWRWV60KD05WM0I	OS_SCCP_ROUTEFAIL_DSP_UNAVAI	NUMBER	[B67109452] C67178896
XJ0S06SWPGBCDSHVYIMAMS13JQ	OS_SCCP_ROUTEFAIL_SSNFAIL	NUMBER	[B67109452] C67178897
T5QJBCO1PHCOSTSW06P1VCUTQH	OS_SCCP_ROUTEFAIL_SSNUNEQUIP	NUMBER	[B67109452] C67178898
UDQQNBLROWCFPSIEG6TF6UMFEJ	OS_SCCP_ROUTEFAIL_UNKOWN	NUMBER	[B67109452] C67178899
T1Y2EYNLGACYAC024FPLJD5SHT	OS_SCCP_RX_CREF_DSTINACC	NUMBER	[B67109452] C67178894
YYD6C4RC1CC5UE4XD6CNTFX2EH	OS_SCCP_RX_CREF_DSTNOTREA	NUMBER	[B67109452] C67178893

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W10EOUVANYCVWUFMQLYGJW60RR	OS_SCCP_RX_CREF_QOS_UNAVAIL	NUMBER	[B67109452] C67178895
VOS6M1GOIRBMVCHVD31C2E0IK6	OS_SCCP_RX_MSG_0_1	NUMBER	[B67109452] C67178838
RBHKXQEL34BJGELYD4PG606P3V	OS_SCCP_RX_MSG_2	NUMBER	[B67109452] C67178840
XBNFJ32NHXC52R00SY4FXGWQCU	OS_SCCP_RX_UDTS_MSG	NUMBER	[B67109452] C67178834
V0NYIPR5J1BMHDXQPTUFKA33WK	OS_SCCP_SEGMENFAIL	NUMBER	[B67109452] C67178884
WQ3N4HWNFFCGNTY0GNFHLJHMY2	OS_SCCP_SYNTAXERROR	NUMBER	[B67109452] C67178900
VHN13LMQUIBXRTG1F3KBTPFDUX	OS_SCCP_TIARTIMEOUT	NUMBER	[B67109452] C67178882
SJ6C1HT6ERB5VTM3231AWBL66K	OS_SCCP_TX_MSG_0_1	NUMBER	[B67109452] C67178837
YMGX23KKE2BLJBFXEPQVQ5DKI0	OS_SCCP_TX_MSG_2	NUMBER	[B67109452] C67178839
XTVRFFNNW4CELEYY0UAKGHTNRB	OS_SCCP_TX_UDTS_MSG	NUMBER	[B67109452] C67178833
Y3LWAWFW4YBFFEGHIHAHGH3BG6	VS_SCCP_RX_CREF_CONG	NUMBER	[B67109452] C67178892
R4NB0EDAHUCNUEDP6R0TQJPU5K	VS_SCCP_RX_CREF_SSNUNEQUIP	NUMBER	[B67109452] C67178889
VW0IXABIOSCVSRE0V62GP4MHFX	VS_SCCP_RX_RLSD_CONG	NUMBER	[B67109452] C67178887
R2MH2OE24XCRCCPFNRGQ6BCH2R	VS_SCCP_RX_RLSD_MTPFAIL	NUMBER	[B67109452] C67178886
XCQB3LHF5WBXHC13TVBEGTTNR5	VS_SCCP_RX_RLSD_OTHER	NUMBER	[B67109452] C67178888
WPK3UIQO0KCI6D5DBD3XKGFQIG	VS_SCCP_RX_RLSD_SUBSFAIL	NUMBER	[B67109452] C67178885
TCDVD4VYKEBTURXVFI216RGX15	VS_SCCP_RX_UDTS_FRAGFAIL	NUMBER	[B67109452] C67178891
RL2PV55H6FBNIBPL265P0HT	VS_SCCP_RX_XUDTS_	NUMBER	[B67109452] C67178890

6LJ	ERRORMSG		
TRTT1H2UM3CVMRP5MHOSNGXO2R	VS_SCCP_TX_ERRPDU	NUMBER	[B67109452] C67190757
SOJ0EMXY5FB3GCAKQXGLJXCY3L	VS_SCCP_RX_ERRPDU	NUMBER	[B67109452] C67190756
YEARQ3PUPW2AHRHR0035XVPKR0	B67109452_C67195059	NUMBER	[B67109452] C67195059
RPWVGUB34H2AISPAB035Y0HF3V	OS_SCCP_CR_TX	NUMBER	[B67109452] C73403248
RPWVGUD34H2AISPAB035Y0HF3V	OS_SCCP_CR_RX	NUMBER	[B67109452] C73403249
RPWVGUF34H2AISPAB035Y0HF3V	OS_SCCP_CREF_TX	NUMBER	[B67109452] C73403250
RPWVGUH34H2AISPAB035Y0HF3V	OS_SCCP_CREF_RX	NUMBER	[B67109452] C73403251
RPWVGUJ34H2AISPAB035Y0HF3V	OS_SCCP_CC_TX	NUMBER	[B67109452] C73403252
RPWVGUL34H2AISPAB035Y0HF3V	OS_SCCP_CC_RX	NUMBER	[B67109452] C73403253
RPWVGUN34H2AISPAB035Y0HF3V	OS_SCCP_RLSD_TX	NUMBER	[B67109452] C73403254
RPWVGUP34H2AISPAB035Y0HF3V	OS_SCCP_RLC_TX	NUMBER	[B67109452] C73403255
RPWVGUR34H2AISPAB035Y0HF3V	OS_SCCP_RLC_RX	NUMBER	[B67109452] C73403256
RPWVGUT34H2AISPAB035Y0HF3V	OS_SCCP_REJ_REMOTE	NUMBER	[B67109452] C73415658
RPWVGUV34H2AISPAB035Y0HF3V	OS_SCCP_REJ_LOCAL	NUMBER	[B67109452] C73415659

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7.47 Raw SCTPIP Tables

7.47.1 HUA_SCTPIP_SCTPIP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCTPIP_ID		VARCHAR2(50)	[B67109469] SCTPIP_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
YNM1AQ6LD32AHDHBR035XKCUC6	VS_SCTP_RETX_PKGNUM	NUMBER	[B67109469] C67192144
RPWVGV634H2AISPAB035Y0HF3V	SCTP_RX_ERRPKGNUM	NUMBER	[B67109469] C67184352
TY4J6LJP0BC6QSUUOPDT42N5TB	VS_SCTP_TX_PKGNUM	NUMBER	[B67109469] C67191613
TWWX3LVB5EBW3URC4CGMFFUFTL	VS_SCTP_TX_MAXPKGNUM	NUMBER	[B67109469] C67191617
UYLCWABEDBCU3CG2R3GPT56PGD	VS_SCTP_TX_BYTES	NUMBER	[B67109469] C67191611
R4PJGCGH4XCL2BYLOXAOENUFJG	VS_SCTP_TX_MAXBYTES	NUMBER	[B67109469] C67191615
SM5AKJNAQABQBSX5BC5F1AEEY4	VS_SCTP_RX_MAXPKGNUM	NUMBER	[B67109469] C67191616
YGRY6OV10HCLBC4FTAB5NK0Q3G	VS_SCTP_RX_BYTES	NUMBER	[B67109469] C67191610
SPIM0HLR4NBXEC4BN36Q4153D0	VS_SCTP_RX_PKGNUM	NUMBER	[B67109469] C67191612
WSTARQFQKBCHIS0VGWX4EHMNJS	VS_SCTP_RX_MAXBYTES	NUMBER	[B67109469] C67191614

7.48 Raw SCTPLNK Tables

7.48.1 HUA_SCTP_IPLAYER_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCTPLNK_ID		VARCHAR2(100)	[B67109485] SCTPLNK_Id

TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNBXURP2AHRHR0035XVPKR0	B67109485_C67194082	NUMBER	[B67109485] C67194082
SUIHNC0URP2AHRHR0035XVPKR0	B67109485_C67194083	NUMBER	[B67109485] C67194083
SUIHNC2URP2AHRHR0035XVPKR0	B67109485_C67194084	NUMBER	[B67109485] C67194084
SUIHNC4URP2AHRHR0035XVPKR0	B67109485_C67194085	NUMBER	[B67109485] C67194085
SUIHNC6URP2AHRHR0035XVPKR0	B67109485_C67194086	NUMBER	[B67109485] C67194086
SUIHNCBURP2AHRHR0035XVPKR0	B67109485_C67194087	NUMBER	[B67109485] C67194087
SUIHNCDURP2AHRHR0035XVPKR0	B67109485_C67194088	NUMBER	[B67109485] C67194088
SUIHNCFURP2AHRHR0035XVPKR0	B67109485_C67194089	NUMBER	[B67109485] C67194089
SUIHNCHURP2AHRHR0035XVPKR0	B67109485_C67194090	FLOAT	[B67109485] C67194090
SUIHNCJURP2AHRHR0035XVPKR0	B67109485_C67194091	FLOAT	[B67109485] C67194091
SUIHNCLURP2AHRHR0035XVPKR0	B67109485_C67194092	FLOAT	[B67109485] C67194092
SUIHNCNURP2AHRHR0035XVPKR0	B67109485_C67194093	FLOAT	[B67109485] C67194093
SUIHNCPURP2AHRHR0035XVPKR0	B67109485_C67194094	FLOAT	[B67109485] C67194094
SUIHNCRURP2AHRHR0035XVPKR0	B67109485_C67194095	FLOAT	[B67109485] C67194095

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7.48.2 HUA_SCTPLNK_SCTPLNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SCTPLNK_ID		VARCHAR2(100)	[B67109468] SCTPLNK_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNY52LUI2AIDKRB02OFAWJHK	VS_SCTP_CONGESTION	NUMBER	[B67109468] C67196150
RPWVGV234H2AISPAB035Y0HF3V	UPUSER_SEND_MSG_NUM	NUMBER	[B67109468] C73403174
RPWVGV434H2AISPAB035Y0HF3V	UPUSER_RECEIVE_MSG_NUM	NUMBER	[B67109468] C73403175
ULSQTTQFI6CECDCNSBWF3OU3MX	VS_SCTP_SERVICE_INTERVAL	NUMBER	[B67109468] C67191618
VSHJ4UWHM3BJXENYWAEETBRV1D	VS_SCTP_CONGESTION_INTERVAL	NUMBER	[B67109468] C67191619

7.49 Raw Signalling_Link Tables

7.49.1 HUA_SIG_LINK_IMA_LINK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(255)	[B67109403] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23JNILK2AHDH6B035XKCUC6	VS_IMALNK_PEAK_RXRATE	NUMBER	[B67109403] C67203408
UUO23JPILK2AHDH6B035XKCUC6	VS_IMALNK_PEAK_TXRATE	NUMBER	[B67109403] C67203409
RMDDYR1VIMBF0DV66R35UFHCMD	VS_IMA_LNK_MEANKBPS_RX	FLOAT	[B67109403] C67202909
WXSNH0KV54BTURDJISW3OD6YNX	VS_IMA_LNK_MEANKBPS_TX	FLOAT	[B67109403] C67202910
SY4OVWXST4BHMU6NO2R	VS_IMALNK_PEAK_	NUMBER	[B67109403] C67190733

R6RE20Y	RXCELLS		
WBOIQWTQRVBQFT2E204MI4W02U	VS_IMALNK_PEAK_TXCELLS	NUMBER	[B67109403] C67190734
XUQKK0PI24CU4CLY6S34X5IYHJ	VS_IMALNK_RXCELLS	NUMBER	[B67109403] C67190484
RFSGTKL1FVBWHSQSWFGVHH4Q3R	VS_IMALNK_TXCELLS	NUMBER	[B67109403] C67190485

7.49.2 HUA_SIG_LINK_MTP3BLNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(255)	[B67109416] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WJSPCTQVTTBTBSL1CCND2U1D5O	OS_MTP3B_LNK_CHO	NUMBER	[B67109416] C67182856
VVAKUF5PLACC5CLKGLVPM4JCIC	OS_MTP3B_LNK_CONG	NUMBER	[B67109416] C67182861
YFSUDPDIV1C4IUQFCWYUM6UERY	OS_MTP3B_LNK_CONG_DUR	NUMBER	[B67109416] C67182862
VR4HTRU6F6BV6TMFLKKWYB0M1T	OS_MTP3B_LNK_FAIL	NUMBER	[B67109416] C67182850
V2KISM2QGXC2SBTRYX25CDYLBH	OS_MTP3B_LNK_FAIL_DUR	NUMBER	[B67109416] C67182851
U5C3MXM2GMB30UIDHUG2I5OJW2	OS_MTP3B_LNK_LOCALINH_DUR	NUMBER	[B67109416] C67182853
W5QIC1GXEMCL3CW3AYWLAR5TEI	OS_MTP3B_LNK_LOCALINHIBIT	NUMBER	[B67109416] C67182852
S4WGAHTLMVCM1CFWKXVIQVYN4S	OS_MTP3B_LNK_RMTINHIBIT	NUMBER	[B67109416] C67182854

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UYC6NJ2SBWC26UYJOVY14VPL6H	OS_MTP3B_LNK_RMTINHIBIT_DUR	NUMBER	[B67109416] C67182855
WJO364YCV0CBUR2WX3WMJGLPAG	OS_MTP3B_LNK_RX_MSG	NUMBER	[B67109416] C67182858
VM0XPI55DXCBJC3RVX1SYMVQXS	OS_MTP3B_LNK_SERVICE_DUR	NUMBER	[B67109416] C67182849
UPFXTGL0SOBJISVS20WUYNV0CD	OS_MTP3B_LNK_SIO_SIF_RX	NUMBER	[B67109416] C67182860
VFKCYQN2QVCGRSNS0SR4JVMMOS	OS_MTP3B_LNK_SIO_SIF_TX	NUMBER	[B67109416] C67182859
RG4OGKOW36CPMUHTMCEQQNNIPT	OS_MTP3B_LNK_TX_MSG	NUMBER	[B67109416] C67182857

7.49.3 HUA_SIG_LINK_SAALLNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(255)	[B67109451] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
R3IMIY4S5DBKKUJH22L3P0EENI	OS_AAL5_CORRUPTFRAMEOUTRNC	NUMBER	[B67109451] C67190388
VMOEUDT2EDB15RDLPLDT10GTO0	OS_AAL5_SUCCFRAMEOUTCOMERNC	NUMBER	[B67109451] C67190387
YI5NR0GQ63CURER646LIB0XB1M	VS_AAL5_SAALLNK_BYTESRX	NUMBER	[B67109451] C67190615
UHPVE5FQJBCV4DTUP6LACSPVJP	VS_AAL5_SAALLNK_BYTESTX	NUMBER	[B67109451] C67190616
XUTUCXGMQFCRVTB5LILSF5PCRD	VS_SAAL_FAILLNK_ALIGNFAIL	NUMBER	[B67109451] C67182598
TQVTGSTULPCYECRTHWWFKYVCGB	VS_SAAL_FAILLNK_ALLREASONS	NUMBER	[B67109451] C67182594
VX0TBRCLTECOSDQFQKJXG0G5DJ	VS_SAAL_FAILLNK_EXCESERR_RAT	NUMBER	[B67109451] C67182596

V3EWDU0LWPCGPTWOUHAXVP6LCM	VS_SAAL_FAILLNK_EXCESNOCRED	NUMBER	[B67109451] C67182597
TGX3QHDGSKB5GRBDNKE2EYMBXK	VS_SAAL_FAILLNK_NORSPTIMEXP	NUMBER	[B67109451] C67182595
RJ5PTFQOMECVISA1IMIQ4IHWI3	VS_SAAL_LNKERR_OTHREASONS	NUMBER	[B67109451] C67182601
XWJTYAM13HCXPTJMM2S6DS1BFP	VS_SAAL_LNKERR_PDUINVAL	NUMBER	[B67109451] C67182600
VYG0BHWWVIBMKCHY1SCOVJSGJE	VS_SAAL_LNKERR_RETRANSFAIL	NUMBER	[B67109451] C67182602
YNYWYK6NPRBAXTC300XBG0VRET	VS_SAAL_LNKERR_SDLOSS	NUMBER	[B67109451] C67182599
YFUD2XSA1DB0FD1UFUU2HJM54R	VS_SAAL_LNKSERVDUR_TIME	NUMBER	[B67109451] C67182593

7.49.4 HUA_SIG_LINK_SAALPVC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINK_ID		VARCHAR2(255)	[B67109458] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23JJILK2AHDH6B035XKCUC6	VS_AAL_5_SAAL_PEAK_RXRATE	NUMBER	[B67109458] C67202980
UUO23JLILK2AHDH6B035XKCUC6	VS_AAL_5_SAAL_PEAK_TXRATE	NUMBER	[B67109458] C67202981
UR1PX4SQUNBAWTJV2NJDRX2C5K	VS_AAL_5_SAAL_BYTESRX	NUMBER	[B67109458] C67190503
WCXNVIPPP5CCOCXXLMVGHIYHB5	VS_AAL_5_SAAL_BYTESTX	NUMBER	[B67109458] C67190504
YVY0TUPU2RCB6B03CE05CIMXF3	VS_AAL_5_SAAL_PEAK_BYTESRX	NUMBER	[B67109458] C67190743

Y6EOOLNHLJB3WRD13XSMNCD1DO	VS_AAL_5_SAAL_PEAK_BYTESTX	NUMBER	[B67109458] C67190744

7.50 Raw Signalling_LinkSet Tables

7.50.1 HUA_SIGLNKS_IMAGRP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINKSET_ID		VARCHAR2(255)	[B67109402] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UUO23JRILK2AHDH6B035XKCUC6	VS_IMAGRP_PEAK_RXRATE	NUMBER	[B67109402] C67203411
UUO23JTILK2AHDH6B035XKCUC6	VS_IMAGRP_PEAK_TXRATE	NUMBER	[B67109402] C67203412
SSKTR5I4VNCA0E3332UPUKMMQR	VS_IMA_GRP_MEANKBPS_RX	FLOAT	[B67109402] C67202907
X53STF2HXVCEBE3HBUFHQVKLNA	VS_IMA_GRP_MEANKBPS_TX	FLOAT	[B67109402] C67202908
RCRBH5QC6CCFKE4FTF2JDJJSO2	VS_IMAGRP_PEAK_RXCELLS	NUMBER	[B67109402] C67190731
XH6JBWG0DJB0HSMB13WFEDLJGO	VS_IMAGRP_PEAK_TXCELLS	NUMBER	[B67109402] C67190732
WQSMHLQBXMBHHDLX4YYMPC2O6S	VS_IMAGRP_RXCELLS	NUMBER	[B67109402] C67190482
VVUOMNRV3LBPTDOM60LD3XDSRW	VS_IMAGRP_TXCELLS	NUMBER	[B67109402] C67190483

7.50.2 HUA_SIGLNKS_MTP3BLNKSET_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_LINKSET_ID		VARCHAR2(255)	[B67109417] (RNC_Id & "/" & Object_Id)
TSTAMP		DATE	
INSTANCE_ID		NUMBER	

TEMLFMHB0GCHKSBAAV6X6POI1U	OS_MTP3B_LNKSET_UNAVAIL	NUMBER	[B67109417] C67183105
S6PD4QI62TC2LE4U2P5FW5MIPP	OS_MTP3B_LNKSET_UNAVAIL_DUR	NUMBER	[B67109417] C67183106

7.51 Raw Signalling_Point Tables

7.51.1 HUA_SIG_POINT_MTP3BDSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
SS7_POINT_ID		VARCHAR2(50)	[B67109415] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
WTPFMC6EROBC4TMF3ILMD4QTN4	OS_MTP3B_DSP_UNAVAIL	NUMBER	[B67109415] C67183233
WUTTPBEUFIBKVCER6EIA5HHFKV	OS_MTP3B_DSP_UNAVAIL_DUR	NUMBER	[B67109415] C67183234

7.52 Raw UDSP Tables

7.52.1 HUA_UDSP_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
UDSP_ID		VARCHAR2(255)	[B67109546] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
RPWVGVB34H2AISPAB035Y0HF3V	DSP_IUUPINIT	NUMBER	[B67109546] C67195603
RPWVGVD34H2AISPAB035Y0HF3V	DSP_IUUPINITFAIL	NUMBER	[B67109546] C67195604

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RPWVGVF34H2AISPAB035Y0HF3V	DSP_FPTRCHSYNC	NUMBER	[B67109546] C67195756
RPWVGVH34H2AISPAB035Y0HF3V	DSP_FPTRCHSYNCFAIL	NUMBER	[B67109546] C67195757
RPWVGVJ34H2AISPAB035Y0HF3V	DSP_TIMERSTART	NUMBER	[B67109546] C67195760
RPWVGVL34H2AISPAB035Y0HF3V	DSP_TIMERSTARTFAIL	NUMBER	[B67109546] C67195761
RPWVGVN34H2AISPAB035Y0HF3V	DSP_DSPUSAGEPEAK	NUMBER	[B67109546] C67195770
RPWVGVP34H2AISPAB035Y0HF3V	DSP_DSPUSAGEAVG	NUMBER	[B67109546] C67195771
RPWVGVR34H2AISPAB035Y0HF3V	DSP_FPCFG	NUMBER	[B67109546] C67195774
RPWVGVT34H2AISPAB035Y0HF3V	DSP_FPCFGFAIL	NUMBER	[B67109546] C67195775
RPWVGVV34H2AISPAB035Y0HF3V	DSP_MACDCFG	NUMBER	[B67109546] C67195776
RPWVGVX34H2AISPAB035Y0HF3V	DSP_MACDCFGFAIL	NUMBER	[B67109546] C67195777
RPWVGW034H2AISPAB035Y0HF3V	DSP_RLCCFG	NUMBER	[B67109546] C67195778
RPWVGW234H2AISPAB035Y0HF3V	DSP_RLCCFGFAIL	NUMBER	[B67109546] C67195779
RPWVGW434H2AISPAB035Y0HF3V	DSP_IUUPCFG	NUMBER	[B67109546] C67195780
RPWVGW634H2AISPAB035Y0HF3V	DSP_IUUPCFGFAIL	NUMBER	[B67109546] C67195781
RPWVGWB34H2AISPAB035Y0HF3V	DSP_AMRLCSETUP	NUMBER	[B67109546] C67195788
RPWVGWD34H2AISPAB035Y0HF3V	DSP_AMRLCRESETTOMAX	NUMBER	[B67109546] C67195789
RPWVGWF34H2AISPAB035Y0HF3V	DSP_DSPUSAGEAVGVALUE	NUMBER	[B67109546] C67196335
RPWVGWH34H2AISPAB03	DSP_DSPUSAGEAVGC	NUMBER	[B67109546] C67196336

5Y0HF3V	OUNT		
RPWVGWJ34H2AISPAB035Y0HF3V	DSP_PSDLTHRUPUT	NUMBER	[B67109546] C67204774
RPWVGWL34H2AISPAB035Y0HF3V	DSP_PSULTHRUPUT	NUMBER	[B67109546] C67204775

7.53 Raw UNILNK Tables

7.53.1 HUA_UNILNK_UNILNK_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
UNILNK_ID		VARCHAR2(50)	[B67109456] UNILNK_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
UH2KKSXIYY2AHDHA0035XKCUC6	VS_UNILNK_PEAK_RXCELLS	FLOAT	[B67109456] C67190739
UH2KKT0IYY2AHDHA0035XKCUC6	VS_UNILNK_PEAK_TXCELLS	FLOAT	[B67109456] C67190740
SUIHNBBURP2AHRHR0035XVPKR0	B67109456_C67194049	NUMBER	[B67109456] C67194049
SUIHNBDURP2AHRHR0035XVPKR0	B67109456_C67194050	NUMBER	[B67109456] C67194050
XLSNY44LUI2AIDKRB02OFAWJHK	VS_UNILNK_ALLOCED_MAX_FWD	FLOAT	[B67109456] C67193235
XLSNY46LUI2AIDKRB02OFAWJHK	VS_UNILNK_ALLOCED_MAX_BWD	FLOAT	[B67109456] C67193236
XLSNY4BLUI2AIDKRB02OFAWJHK	VS_UNILNK_FWD_CONG	NUMBER	[B67109456] C67193237
XLSNY4DLUI2AIDKRB02OFAWJHK	VS_UNILNK_FWD_CONG_DUR	NUMBER	[B67109456] C67193238
XLSNY4FLUI2AIDKRB02OF	VS_UNILNK_ALLOC	FLOAT	[B67109456] C67204196

AWJHK	ED_AVE_FWD		
XLSNY4HLUI2AIDKRB02OFAWJHK	VS_UNILNK_ALLOCED_AVE_BWD	FLOAT	[B67109456] C67204197
RPWVGUX34H2AISPAB035Y0HF3V	UNILNK_BWD_CONG	NUMBER	[B67109456] C67193239
RPWVGV034H2AISPAB035Y0HF3V	UNILNK_BWD_CONG_DUR	NUMBER	[B67109456] C67193240
S2O5EVBEXWC6JUON0Y26ATET4C	VS_UNILNK_TXCELLS	NUMBER	[B67109456] C67190491
SBV2SXJLVQCQME4BKMCSD6G14E	VS_UNILNK_RXCELLS	NUMBER	[B67109456] C67190490
VRTNL0IXWOC1XT3621BUK5JCQN	VS_UNILNK_PEAK_RXRATE	FLOAT	[B67109456] C67202976
VI0EG3M05SBK6BSNOICAKKJRRI	VS_UNI_LNK_MEANKBPS_RX	FLOAT	[B67109456] C67202915
T04TTBM4L6CHFDVD4MIAEHVNBP	VS_UNILNK_PEAK_TXRATE	NUMBER	[B67109456] C67202977
XPGM5KMBWPC1NRPHH0RRX5VNTG	VS_UNI_LNK_MEANKBPS_TX	FLOAT	[B67109456] C67202916

7.54 Raw UOI_Board Tables

7.54.1 HUA_UOI_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
UOI_BOARD_ID		VARCHAR2(50)	[B67109549_V200] RNC_Id &"/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
XLSNYEHLUI2AIDKRB02OFAWJHK	VS_UOI_RXMAXSPEED	FLOAT	[B67109549_V200] C67204851
XLSNYEJLUI2AIDKRB02OFAWJHK	VS_UOI_TXMAXSPEED	FLOAT	[B67109549_V200] C67204852

7.55 Raw VC_ACROSS Tables

7.55.1 HUA_VCCCROSSTRAFFIC_TAB

Column Name	Column Alias	Data Type	Loader Block/Mapping
VC_CROSS_ID		VARCHAR2(50)	[B67109498] RNC_Id & "/" & Object_Id
TSTAMP		DATE	
INSTANCE_ID		NUMBER	
SUIHNJNURP2AHRHR0035XVPKR0	B67109498_C67194494	NUMBER	[B67109498] C67194494
SUIHNJPURP2AHRHR0035XVPKR0	B67109498_C67194495	NUMBER	[B67109498] C67194495
SUIHNJRURP2AHRHR0035XVPKR0	B67109498_C67194496	NUMBER	[B67109498] C67194496
SUIHNJTURP2AHRHR0035XVPKR0	B67109498_C67194497	NUMBER	[B67109498] C67194497
SUIHNJVURP2AHRHR0035XVPKR0	B67109498_C67194498	NUMBER	[B67109498] C67194498
SUIHNJXURP2AHRHR0035XVPKR0	B67109498_C67194499	NUMBER	[B67109498] C67194499
SUIHNK0URP2AHRHR0035XVPKR0	B67109498_C67194500	NUMBER	[B67109498] C67194500
SUIHNK2URP2AHRHR0035XVPKR0	B67109498_C67194501	NUMBER	[B67109498] C67194501
SUIHNK4URP2AHRHR0035XVPKR0	B67109498_C67194502	NUMBER	[B67109498] C67194502
SUIHNK6URP2AHRHR0035XVPKR0	B67109498_C67194503	NUMBER	[B67109498] C67194503
SUIHNKBURP2AHRHR0035XVPKR0	B67109498_C67194504	NUMBER	[B67109498] C67194504
SUIHNKDURP2AHRHR0035XVPKR0	B67109498_C67194505	NUMBER	[B67109498] C67194505

SUIHNKFURP2AHRHR0035XVPKR0	B67109498_C67194506	FLOAT	[B67109498] C67194506
SUIHNKHURP2AHRHR0035XVPKR0	B67109498_C67194507	FLOAT	[B67109498] C67194507
SUIHNKJURP2AHRHR0035XVPKR0	B67109498_C67194508	FLOAT	[B67109498] C67194508
SUIHNKLURP2AHRHR0035XVPKR0	B67109498_C67194509	FLOAT	[B67109498] C67194509
SUIHNKNURP2AHRHR0035XVPKR0	B67109498_C67194510	FLOAT	[B67109498] C67194510
SUIHNKPURP2AHRHR0035XVPKR0	B67109498_C67194511	FLOAT	[B67109498] C67194511

8 Performance Alarms

This section shows details of the performance alarms that are defined in this technology pack module:

None.

9 Reports

This section shows details of the reports that are defined in this technology pack module.

All reports can be run as raw, daily, weekly or monthly reports.

Where a KPI is marked (DA), it means Data Availability is to be reported upon it.

9.1 AAL2PATH Connection Report

AAL2PATH Connection Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.AAL2PATH
Primary Object	AAL2PATH
Connections	AAL2PATH.Huawei.AAL2PATH_Connections.VS_AAL2PATH_Act_Con, AAL2PATH.Huawei.AAL2PATH.VS_AAL2PATH_MeasKbps_Rx, AAL2PATH.Huawei.AAL2PATH.VS_AAL2PATH_MeasKbps_Tx, AAL2PATH.AAL2PATH_Id, AAL2PATH.Region_Id

9.2 ATMNode Connections and Allocations Report

ATMNode Connections and Allocations Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.ATM_Node
Primary Object	ATM_Node
Allocations	ATM_Node.ATM_Node_Id, ATM_Node.Region_Id, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2IP_AttResAlloc, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2IP_SuccResAlloc, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2PART_AllocedBwd_AAL2BitRate, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2PART_Alloced

	Fwd_AAL2BitRate, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2_AllocedBwd_AAL2BitRate, ATM_Node.Huawei.QAAL2_Allocations.VS_QAAL2_AllocedFwd_AAL2BitRate
Connections	ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_ERQ_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_ERQ_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_ECF_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_ECF_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Cong_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Cong_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Fail_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Fail_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Est_RLC_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Rel_RLC_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Rel_RLC_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Rel_Rx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_Rel_Tx, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_RxMod, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_RxModRej, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_TxMod, ATM_Node.Huawei.QAAL2_Connections.VS_QAAL2PART_TxModRej, ATM_Node.ATM_Node_Id, ATM_Node.Region_Id

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9.3 Cell Hard Handover Failure Report

Cell Hard Handover Failure Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Hard Handover Fail	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_RLAddFail_Out, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_RACDenyDL_Out, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_CfgUnsup_In, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_PhyChFail_In, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_Isr_In, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_CellUpd_In, Cell.Huawei.Hard_HO_Global.VS_HHO_Fail_InvCfg_In
Hard Handover Iur Fail	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_Iur.VS_HHO_FailOInteRNIur_CfgUnsup, Cell.Huawei.Hard_HO_Iur.VS_HHO_FailOInteRNIur_PhChFail, Cell.Huawei.Hard_HO_Iur.VS_HHO_FailOInteRNIur_ISR, Cell.Huawei.Hard_HO_Iur.VS_HHO_FailOInteRNIur_InvCfg, Cell.Huawei.Hard_HO_Iur.VS_HHO_FailOInteRNIur_IncoCfg
Hard Handover Attempt	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_Global.VS_HHO_Att_In, Cell.Huawei.Hard_HO_Global.VS_HHO_EvalIn, Cell.Huawei.Hard_HO_Global.VS_HHO_EvalOut, Cell.Huawei.Hard_HO_Global.VS_HHO_AttInterCell_LB, Cell.Huawei.Hard_HO_Global.VS_HHO_SuccInterCell_LB, Cell.Huawei.Hard_HO_Global.VS_HHO_FailInterCell_NRly_LB
Hard Handover RNCCN Fail	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_NoResAvail, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_TExp, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_TgtF, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_RNSp, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_RelocTgtNotAllo, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_OM,

	Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_ResUnavail, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_UnspFail

9.4 Cell Inter RAT HO Incoming PS Report

Inter RAT Handover Incoming PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Inter RAT Handover Incoming PS	Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_FailInPS_NRply, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_FailPrepInPS_ReloNoSup, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_FailPrepInPS_ResUnavail, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_FailPrepInPS_TLoadHigher, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_FailPrepInPS_TgtFail, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_SuccInPS, Cell.Huawei.InterRAT_HO_Incoming_PS.VS_IRATHO_Reloc_SuccPrepInPS, Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id

9.5 Cell Inter RAT HO Outgoing PS Report

Inter RAT Handover Outgoing Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Inter RAT Handover Relocations Outgoing PS	Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_AttOutPSUTRAN, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_AttPr

	epOutPS, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailOutPSUTRAN_CfgUnsupp, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailOutPSUTRAN_NRply, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailOutPSUTRAN_PhyChFail, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_NoResAvail, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_ReloNoSup, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_TAlExp, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_TLoadHigher, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_TgtFail, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_FailPrepOutPS_UKnowRNC, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_Outgoing_PS.VS_IRATHO_Reloc_SuccPrepOutPS, Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id

9.6 Cell RAB Abnrml Rls HSDPAHSUPA Report

RAB Abnormal Release HSDPA Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
RAB Abnormal Release HSDPA_and_HSDPA	Cell.Huawei.RAB_Abnorm_Release_HSDPA.VS_RAB_RelReqPS_BE_HSDPA_Cong_Golden, Cell.Huawei.RAB_Abnorm_Release_HSDPA.VS_RAB_RelReqPS_BE_HSDPA_Cong_Silver, Cell.Huawei.RAB_Abnorm_Release_HSDPA.VS_RAB_RelReqPS_BE_HSDPA_Cong_Copper, Cell.Huawei.RAB_Abnorm_Release_HSUPA.VS_RAB_RelReqPS_BE_HSUPA_Cong_Golden, Cell.Huawei.RAB_Abnorm_Release_HSUPA.VS_RAB_RelReqPS_BE_HSUPA_Cong_Silver, Cell.Huawei.RAB_Abnorm_Release_HSUPA.VS_RAB_RelReqPS_BE_HSUPA_Cong_Copper, Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id

9.7 Cell Soft Handover Report

Cell Soft Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Soft Handover Attempt Success	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Soft_Handover.VS_SHO_AMR_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_CS64_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_PS64_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_PS128_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_PS144_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_PS384_AttOut, Cell.Huawei.Soft_Handover.VS_SHO_AMR_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_CS64_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_PS64_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_PS128_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_PS144_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_PS384_SuccOut
Softer Handover Failure	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Softer_Handover.VS_SoHO_ASU_FailRLAdd_CfgUns, Cell.Huawei.Softer_Handover.VS_SoHO_ASU_FailRLAdd_Isr, Cell.Huawei.Softer_Handover.VS_SoHO_ASU_FailRLAdd_InvCfg, Cell.Huawei.Softer_Handover.VS_SoHO_ASU_FailRLAdd_NoRepl
Soft Handover Failure	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Soft_Handover.SHO_FailRLAddUESide_CfgUnsup, Cell.Huawei.Soft_Handover.SHO_FailRLAddUESide_Isr, Cell.Huawei.Soft_Handover.SHO_FailRLAddUESide_InvCfg, Cell.Huawei.Soft_Handover.SHO_FailRLAddUESide_NoReply

9.8 Huawei UTRAN Cell Hard HO Global Report

Huawei UTRAN Cell Hard HO Global Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell

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% Successful Incoming Hard HO	Cell.Huawei.Hard_HO_Global._%_VS_HHO_Succ_In, Cell.Huawei.Hard_HO_Global.VS_HHO_Succ_In

9.9 Huawei UTRAN Cell Hard HO Inter Freq 1 Report

Huawei UTRAN Cell Hard HO Inter Frequency Incoming and Outgoing failure per cause report.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Outgoing Failures	Cell.Cell_Id, Cell.Cell_Name, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_PyhChFail, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_NoReply, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_FailUSR, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_DLCodeRej, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_DLAdmsnDeny, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_CfgUnsupp, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_CfgInvalid, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqOut_CellUpdt, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreq_Out_Drop, Cell.BSC_Id, Cell.BS_Id
Incoming Failures	Cell.Cell_Id, Cell.Cell_Name, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_PyhChFail, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_NoReply, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_FailUSR, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_DLCodeRej, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_DLAdmsnDeny, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_CfgUnsupp, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_CfgInvalid, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_CellUpdt, Cell.Huawei.Hard_HO_InterFreq.Total_HHO_InterFreq_Drops, Cell.BSC_Id, Cell.BS_Id

9.10 Huawei UTRAN Cell Hard HO Inter Freq 2 Report

Huawei UTRAN Cell Hard HO Inter Frequency Report for NodeB

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Intra NodeB HO	Cell.Cell_Id, Cell.Cell_Name, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_AttOutIntraNodeBInterFreq, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutIntraNodeBInterFreq_IncompCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutIntraNodeBInterFreq_ISR, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutIntraNodeBInterFreq_PhyChFail, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutIntraNodeBInterFreq_CfgUnsup, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutIntraNodeBInterFreq_InvCfg, Cell.BSC_Id, Cell.BS_Id
Inter NodeB HO	Cell.Cell_Id, Cell.Cell_Name, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterNodeBIntraRNCInterFreq_CfgUnsup, Cell.Huawei.Hard_HO_InterFreq.FailOutInterNodeBIntraRNCInterFreq_PhyChFail, Cell.Huawei.Hard_HO_InterFreq.FailOutInterNodeBIntraRNCInterFreq_IncompCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterNodeBIntraRNCInterFreq_InvCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterNodeBIntraRNCInterFreq_ISR, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_AttOutInterNodeBIntraRNCInterFreq, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_SuccOutInterNodeBIntraRNCInterFreq, Cell.BSC_Id, Cell.BS_Id

9.11 Huawei UTRAN Cell Hard HO Inter Freq 3 Report

Huawei UTRAN Cell Hard HO Inter Frequency Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

% Incoming Hard HO	Cell.Huawei.Hard_HO_InterFreq._%_VS_HHO_InterFreqIn_Succ, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreqIn_Succ
% Outgoing Hard HO	Cell.Huawei.Hard_HO_InterFreq._%_VS_HHO_InterFreq_SuccOut, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_InterFreq_SuccOut
Dropped Calls	Cell.Huawei.Hard_HO_InterFreq.Total_HHO_InterFreq_Drops

9.12 Huawei UTRAN Cell Hard HO Inter Freq 4 Report

Huawei UTRAN Cell Hard HO Inter Frequency Report for RNC

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Inter RNC HO	Cell.Cell_Id, Cell.Cell_Name, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqCN_CfgUnsup, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqIur_CfgUnsup, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqCN_InvCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqIur_InvCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqCN_IncompCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqIur_IncompCfg, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqCN_PhyChFail, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_FailOutInterRNCInterFreqIur_PhyChFail, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_AttOutInterRNCInterFreqCN, Cell.Huawei.Hard_HO_InterFreq.VS_HHO_AttOutInterRNCInterFreqIur

9.13 Huawei UTRAN Cell Hard HO Inter RNCCN Report

Huawei UTRAN Cell Hard HO Inter RNCCN Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell

Primary Object	Cell
% Successful Reloc Prep Outgoing Hard HO	Cell.Huawei.Hard_HO_Inter_RNCCN._%_HHO_SuccAttRelocPrepOutInterRNCCN, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_AttRelocPrepOutInterRNCCN
Failed Relocation Preparations	Cell.Cell_Id, Cell.Cell_Name, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_RNSp, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_UnspFail, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_TgtF, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_TExp, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_ResUnavail, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_RelocTgtNotAllo, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_OM, Cell.Huawei.Hard_HO_Inter_RNCCN.HHO_FailRelocPrepOutInterRNCCN_NoResAvail, Cell.BSC_Id, Cell.BS_Id

9.14 Huawei UTRAN Cell Hard HO Intra Freq Report

Huawei UTRAN Cell Hard HO Intra Frequency Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful intra NodeB	Cell.Huawei.Hard_HO_IntraFreq._%_VS_HHO_SuccOutIntraNodeBIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutIntraNodeBIntraFreq
% Successful inter NodeB	Cell.Huawei.Hard_HO_IntraFreq._%_VS_HHO_SuccOutInterNodeBIntraRNCIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutInterNodeBIntra

	RNCIntraFreq
% Successful relocations	Cell.Huawei.Hard_HO_IntraFreq._%_VS_HHO_SuccOutInterRNCIntraFreqCN, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutInterRNCIntraFreqCN
HHO Attempt Success	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_AttOutIntraNodeBIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutIntraNodeBIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_AttOutInterNodeBIntraRNCIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutInterNodeBIntraRNCIntraFreq, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_AttOutInterRNCIntraFreqCN, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_SuccOutInterRNCIntraFreqCN
HHO Failure	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutIntraNodeBIntraFreq_CfgUnsup, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutIntraNodeBIntraFreq_PhyChFail, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutIntraNodeBIntraFreq_ISR, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutIntraNodeBIntraFreq_InvCfg, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutIntraNodeBIntraFreq_IncompCfg, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_CfgUnsup, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_ISR, Cell.Huawei.Hard_HO_IntraFreq.VS_HHO_FailOutInterNodeBIntraRNCIntraFreq_InvCfg

9.15 Huawei UTRAN Cell Hard HO Iur Report

Huawei UTRAN Cell Hard HO Iur Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell

Primary Object	Cell
% Successful outgoing intra frequency HO	Cell.Huawei.Hard_HO_Iur._%_VS_HHO_SuccOutInterRNCIntraFreqIur, Cell.Huawei.Hard_HO_Iur.VS_HHO_SuccOutInterRNCIntraFreqIur

9.16 Huawei UTRAN Cell HSPDA Report

Huawei UTRAN Cell HSPDA Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful Setups	Cell.Huawei.HSDPA._%_VS_HSDPA_RAB_SuccEstab, Cell.Huawei.HSDPA.VS_HSDPA_RAB_SuccEstab
HSDPA Performance	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.HSDPA.VS_HSDPA_RAB_AttEstab, Cell.Huawei.HSDPA.VS_HSDPA_RAB_SuccEstab, Cell.Huawei.HSDPA.VS_HSDPA_MACD_Mean_Cell, Cell.Huawei.HSDPA.VS_HSDPA_MACD_Rel, Cell.Huawei.HSDPA.VS_HSDPA_MACDFailDelPerCell, Cell.Huawei.HSDPA.VS_HSDPA_MACDFailStpPerCell, Cell.Huawei.HSDPA.VS_HSDPA_MACDSuccDelPerCell, Cell.Huawei.HSDPA.VS_HSDPA_MACDSuccStpPerCell, Cell.Huawei.HSDPA.VS_HSDPA_RAB_Loss_InActivity, Cell.Huawei.HSDPA.VS_HSDPA_RAB_Loss_Abnorm_NonRF, Cell.Huawei.HSDPA.VS_HSDPA_RAB_Loss_RF, Cell.Huawei.HSDPA.VS_HSDPA_RAB_Loss_Norm, Cell.Huawei.HSDPA.VS_HSDPA_UE_Mean_Cell
HSDPA Throughput	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.HSDPA.VS_HSDPA_MeanChThroughput, Cell.Huawei.HSDPA.VS_HSDPA_MeanChThroughput_TotalBytes

9.17 Huawei UTRAN Cell HSUPA Report

Huawei UTRAN Cell HSUPA Report

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful HSUPA RAB Established	Cell.Huawei.HSUPA._%_HSUPA_RAB_SuccEstab, Cell.Huawei.HSUPA.HSUPA_RAB_SuccEstab
HSUPA Performance	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.HSUPA.HSUPA_RAB_AttEstab, Cell.Huawei.HSUPA.HSUPA_RAB_SuccEstab, Cell.Huawei.HSUPA.HSUPA_MACDSuccStpPerCell, Cell.Huawei.HSUPA.HSUPA_MACDFailStpPerCell, Cell.Huawei.HSUPA.HSUPA_MACDSuccDelPerCell, Cell.Huawei.HSUPA.HSUPA_MACDFailDelPerCell, Cell.Huawei.HSUPA.VS_HSUPA_UE_Mean_Cell, Cell.Huawei.HSUPA.HSUPA_RAB_Loss_Abnorm, Cell.Huawei.HSUPA.HSUPA_RAB_Loss_Norm, Cell.Huawei.HSUPA.HSUPA_RAB_Loss_UEGen
HSUPA Throughput	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.HSUPA.HSUPA_MeanChThroughput, Cell.Huawei.HSUPA.HSUPA_MeanChThroughput_TotByte

9.18 Huawei UTRAN Cell InterRAT HO In CS Report

Huawei UTRAN Cell InterRAT HO Incoming CS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful CS Incoming HO	Cell.Huawei.InterRAT_HO_Incoming_CS._%_IRATHO_SuccIncCS, Cell.Huawei.InterRAT_HO_Incoming_CS.IRATHO_SuccIncCS

9.19 Huawei UTRAN Cell InterRAT HO In PS Report

Huawei UTRAN Cell InterRAT HO Incoming PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful Load	Cell.Huawei.InterRAT_HO_PS._ %_VS_IRATHO_Load_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.VS_IRATHO_Load_SuccOutPSUTR

	AN
% Successful UE	Cell.Huawei.InterRAT_HO_PS._%_IRATHO_SuccOutPSUE, Cell.Huawei.InterRAT_HO_PS.IRATHO_SuccOutPSUE
% Successful RF	Cell.Huawei.InterRAT_HO_PS._ %_VS_IRATHO_RF_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.VS_IRATHO_RF_SuccOutPSUTRAN
% Successful Services	Cell.Huawei.InterRAT_HO_PS._ %_IRATHO_Srvc_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.VS_IRATHO_Service_SuccOutPSUTRAN

9.20 Huawei UTRAN Cell InterRAT HO PS Report

Huawei UTRAN Cell InterRAT HO PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful HSUPA	Cell.Huawei.InterRAT_HO_PS._ %_HSUPA_IRATHO_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.HSUPA_IRATHO_SuccOutPSUTRAN
% Successful HSDPA	Cell.Huawei.InterRAT_HO_PS._ %_IRATHO_HSDPA_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.VS_IRATHO_HSDPA_SuccOutPSUTRAN
InterRAT Handover	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.InterRAT_HO_PS.IRATHO_AttOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.IRATHO_SuccOutPSUTRAN, Cell.Huawei.InterRAT_HO_PS.IRATHO_FailOutPSUTRAN_CfgUnsupp, Cell.Huawei.InterRAT_HO_PS.IRATHO_FailOutPSUTRAN_PhyChFail, Cell.Huawei.InterRAT_HO_PS.HSUPA_IRATHO_AttOutPSUTRAN,

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	Cell.Huawei.InterRAT_HO_PS.HSUPA_IRATHO_SuccOutPSUTRAN

9.21 Huawei UTRAN Cell RAB Establish AMR Report

Huawei UTRAN Cell RAB Establishment AMR Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful AMRWB RABs Established	Cell.Huawei.RAB_Establishment_AMR_WB._%_VS_RAB_SuccEstab_AMRWB, Cell.Huawei.RAB_Establishment_AMR_WB.VS_RAB_SuccEstab_AMRWB
% Successful CS RABs Established	Cell.Huawei.RAB_Establishment_AMR._%_VS_RAB_SuccEstab_AMR, Cell.Huawei.RAB_Establishment_AMR.VS_RAB_SuccEstab_AMR

9.22 Huawei UTRAN Cell RAB Establish CS Failure Report

Huawei UTRAN Cell RAB Establishment CS Failure Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
CS RAB Establishment Fail	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstabCS_Cong, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstabCS_RNL, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstabCS_TNL, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCS_Relo, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCS_RIPFail, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCS_Unsp, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCs_Power_Cong, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCs_ULCE_Cong, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCs_DLCE

	_Cong, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCs_Code_Cong, Cell.Huawei.RAB_Establish_Failure_CS.VS_RAB_FailEstCs_IUB_Band
CS RAB Loss	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMR_12_2, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMR_4_75, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMR_5_9, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMR_7_95, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMRWB_12_65, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_AMRWB_8_85, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Congstion_CELL, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Conv64K, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Norm, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Norm_AcCell, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Norm_AMR, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_Norm_AMR_AcCell, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_RF, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_RF_AcCell, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_RF_AMR, Cell.Huawei.RAB_Abnorm_Release_CS.VS_RAB_Loss_CS_RF_AMR_AcCell

9.23 Huawei UTRAN Cell RAB Establish CS Report

Huawei UTRAN Cell RAB Establishment CS Report

This edition applies to IBM® Tivoli® Netcool® Performance Manager for Wireless and to all subsequent releases and modifications until otherwise indicated in new editions.

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful CS Conv RABs Established	Cell.Huawei.RAB_Establishment_CS_Conv._%_VS_RAB_SuccEstabCS_Conv, Cell.Huawei.RAB_Establishment_CS_Conv.VS_RAB_SuccEstabCS_Conv
% Successful CS Streaming RAB Establishments	Cell.Huawei.RAB_Establishment_CS_Stream._%_VS_RAB_SuccEstabCS_Str, Cell.Huawei.RAB_Establishment_CS_Stream.VS_RAB_SuccEstabCS_Str

9.24 Huawei UTRAN Cell RAB Establish PS Failure Report

Huawei UTRAN Cell RAB Establish PS Failure Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
PS RAB Estbalishment Fail	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_Par, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_Relo, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_RIPFail, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_Unsp, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_NResAvail, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_RNL, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPS_TNL, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPs_ULCE_Cong, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPs_DLCE_Cong, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPs_Code_Cong, Cell.Huawei.RAB_Establish_Failure_PS.VS_RAB_FailEstPs_IUB_Band
PS RAB Loss	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_Abnorm,

	Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_Abnorm_AcCell, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_Congstion_CELL, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_GTPULoss, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_Norm, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF_AcCell, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF_Oth, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF_RLCRst, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF_ULSync, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_RF_UuNoReply, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_SRBReset, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_TRBReset, Cell.Huawei.RAB_Abnorm_Release_PS.VS_RAB_Loss_PS_UEGen

9.25 Huawei UTRAN Cell RAB Establish PS Report

Huawei UTRAN Cell RAB Establishment PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful PS Background RABs Established	Cell.Huawei.RAB_Establishment_PS_Bkg._%_VS_RAB_SuccEstabPS_Bkg, Cell.Huawei.RAB_Establishment_PS_Bkg.VS_RAB_SuccEstabPS_Bkg
% Successful PS Conversational RAB Establishment	Cell.Huawei.RAB_Establishment_PS_Conv._%_VS_RAB_SuccEstabPS_Conv, Cell.Huawei.RAB_Establishment_PS_Conv.VS_RAB_SuccEstabPS_Conv

% Successful PS Streaming RAB Establishments	Cell.Huawei.RAB_Establishment_PS_Stream._%_VS_RAB_SuccEstabPS_Str, Cell.Huawei.RAB_Establishment_PS_Stream.VS_RAB_SuccEstabPS_Str
% Successful PS Inter RAB Establishment	Cell.Huawei.RAB_Establishment_PS_Inter._%_VS_RAB_SuccEstabPS_Inter, Cell.Huawei.RAB_Establishment_PS_Inter.VS_RAB_SuccEstabPS_Inter

9.26 Huawei UTRAN Cell RAB Modify CS Report

Huawei UTRAN Cell RAB Modify CS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful Modify CS Conv RAB	Cell.Huawei.RAB_Modify_CS._%_VS_RAB_SuccModCS_Conv, Cell.Huawei.RAB_Modify_CS.VS_RAB_SuccModCS_Conv
% Successful Modify CS Stream RAB	Cell.Huawei.RAB_Modify_CS._%_VS_RAB_SuccModCS_Str, Cell.Huawei.RAB_Modify_CS.VS_RAB_SuccModCS_Str

9.27 Huawei UTRAN Cell RAB Modify PS Report

Huawei UTRAN Cell RAB Modify PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful Modify PS Conv RABs	Cell.Huawei.RAB_Modify_PS._%_VS_RAB_SuccModPS_Conv, Cell.Huawei.RAB_Modify_PS.VS_RAB_SuccModPS_Conv
% Successful Modify PS Background RABs	Cell.Huawei.RAB_Modify_PS._%_VS_RAB_SuccModPS_Bkg, Cell.Huawei.RAB_Modify_PS.VS_RAB_SuccModPS_Bkg
% Successful Modify PS Inter RABs	Cell.Huawei.RAB_Modify_PS._%_VS_RAB_SuccModPS_Inter, Cell.Huawei.RAB_Modify_PS.VS_RAB_SuccModPS_Inter
% Successful Modify PS Stream RABs	Cell.Huawei.RAB_Modify_PS._%_VS_RAB_SuccModPS_Str, Cell.Huawei.RAB_Modify_PS.VS_RAB_SuccModPS_Str

9.28 Huawei UTRAN Cell Radio Bearer Report

Huawei UTRAN Cell Radio Bearer Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful RB Reconfiguration	Cell.Huawei.Radio_Bearer._%_VS_SuccRBRecfg, Cell.Huawei.Radio_Bearer.VS_SuccRBRecfg
% Successful RB Release	Cell.Huawei.Radio_Bearer._%_VS_SuccRBRel, Cell.Huawei.Radio_Bearer.VS_SuccRBRel
% Successful RB Setup	Cell.Huawei.Radio_Bearer._%_VS_SuccRBSetup, Cell.Huawei.Radio_Bearer.VS_SuccRBSetup

9.29 Huawei UTRAN Cell Resource Report

Huawei UTRAN Cell Resource Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Cell Power	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Rx_and_Tx_Power.VS_MeanRTWP, Cell.Huawei.Rx_and_Tx_Power.VS_MinRTWP, Cell.Huawei.Rx_and_Tx_Power.VS_MaxRTWP, Cell.Huawei.Rx_and_Tx_Power.VS_MeanTCP, Cell.Huawei.Rx_and_Tx_Power.VS_MinTCP, Cell.Huawei.Rx_and_Tx_Power.VS_MaxTCP, Cell.Huawei.Rx_and_Tx_Power.VS_MeanTCP_NonHS, Cell.Huawei.Rx_and_Tx_Power.VS_MaxTCP_NonHS, Cell.Huawei.Rx_and_Tx_Power.VS_MinTCP_NonHS, Cell.Huawei.Rx_and_Tx_Power.VS_HSDPA_MeanRequiredPwr, Cell.Huawei.Rx_and_Tx_Power.VS_HSDPA_MinRequiredPwr, Cell.Huawei.Rx_and_Tx_Power.VS_HSDPA_MaxRequiredPwr
Channel Switching Breathing	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Channel_Switching.VS_DCCC_D2C_Att, Cell.Huawei.Channel_Switching.VS_DCCC_D2C_Succ,

	Cell.Huawei.Channel_Switching.VS_DCCC_C2D_Att, Cell.Huawei.Channel_Switching.VS_DCCC_C2D_Succ, Cell.Huawei.Cell_Breathing.VS_CellBreath_CPICHMin_Time, Cell.Huawei.Cell_Breathing.VS_CellBreath_CPICHMax_Time, Cell.Huawei.Cell_Breathing.VS_CellBreath_CPICHUp, Cell.Huawei.Cell_Breathing.VS_CellBreath_CPICHDown, Cell.Huawei.Cell_Breathing.VS_CellBreath_TCPUnder_Time, Cell.Huawei.Cell_Breathing.VS_CellBreath_TCPOver_Time
Radio Admission	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.Radio_Admission_Control.VS_RAC_HHOCallReq, Cell.Huawei.Radio_Admission_Control.VS_RAC_NewCallAcc, Cell.Huawei.Radio_Admission_Control.VS_RAC_ReconfigCallReq, Cell.Huawei.Radio_Admission_Control.VS_RAC_ReconfigCallAcc, Cell.Huawei.Radio_Admission_Control.VS_RAC_TrChSwitchCallReq, Cell.Huawei.Radio_Admission_Control.VS_RAC_TrChSwitchCallAcc

9.30 Huawei UTRAN Cell RRC Connect Global Report

Huawei UTRAN Cell RRC Connection Global Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful Outgoing DRDs	Cell.Huawei.RRC_Connection_Global._%_VS_DRD_RRC_Out_Succ, Cell.Huawei.RRC_Connection_Global.VS_DRD_RRC_Out_Succ
% Successful Connections CCH	Cell.Huawei.RRC_Connection_Global._%_VS_RRC_SuccConEst_CCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConEst_CCH
% Successful Connections DCH	Cell.Huawei.RRC_Connection_Global._%_VS_RRC_SuccConEst_DCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConEst_DCH

9.31 Huawei UTRAN Cell Service RRC Report

Huawei UTRAN Cell Service RRC Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell

Primary Object	Cell
RRC Connection	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RRC_Connection_Global.VS_RRC_AttConnEstab_Cell, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConnEstab_Cell, Cell.Huawei.RRC_Connection_Global.VS_RRC_AttConEst_CCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_AttConEst_DCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConEst_CCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConEst_DCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_AttConnEstab_EDCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_AttConnEstab_HSDSCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConnEstab_EDCH, Cell.Huawei.RRC_Connection_Global.VS_RRC_SuccConnEstab_HSDSCH
Establishment per cause	Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OrgConvCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OrgStrCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OrgInterCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OrgBkgCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OgSubCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmConvCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmStrCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmInterCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmBkgCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_EmgCall, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_IRATCelRes, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEst

	ab_IRATCCO, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_Reg, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_Detach, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OgHhPrSig, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_OgLwPrSig, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_CallReEst, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmHhPrSig, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_TmLwPrSig, Cell.Huawei.RRC_Connection_Request_per_cause.RRC_AttConnEstab_Unknown

9.32 Huawei UTRAN Cell Soft HO Report

Huawei UTRAN Cell Soft Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
% Successful First RL Setup	Cell.Huawei.Soft_Handover._%_VS_FirstRLSetup_Succ, Cell.Huawei.Soft_Handover.VS_FirstRLSetup_Succ
% Successful AMR Outgoing	Cell.Huawei.Soft_Handover._%_VS_SHO_AMR_SuccOut, Cell.Huawei.Soft_Handover.VS_SHO_AMR_SuccOut
% Successful RL Add SRNS	Cell.Huawei.Soft_Handover._%_VS_SHO_SuccRLAddSRNS, Cell.Huawei.Soft_Handover.VS_SHO_SuccRLAddSRNS

9.33 Huawei UTRAN Cell Traffic PS Report

Huawei UTRAN Cell Traffic PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
Cell Traffic	Cell.Huawei.Traffic_PS.Cell_Traffic_busy_hour

UL MAC PDUs	Cell.Huawei.Traffic_PS.Total_VS_MAC_SRNCIubBytesPS_Rx
DL MAC PDUs	Cell.Huawei.Traffic_PS.Total_VS_MAC_SRNCIubBytesPS_Tx

9.34 Huawei UTRAN Cell UL Speech Quality Report

Huawei UTRAN Cell UL Speech Quality Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Cell
Primary Object	Cell
UL Speech Quality Report	Cell.Huawei.UL_Speech_Quality.VS_Speech_SQI_Accept, Cell.Huawei.UL_Speech_Quality.VS_Speech_SQI_Bad, Cell.Huawei.UL_Speech_Quality.VS_Speech_SQI_Good, Cell.Cell_Id, Cell.BS_Id, Cell.BSC_Id

9.35 Huawei UTRAN GPRS Tunnel Report

Huawei UTRAN GPRS Tunnel Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.GPRS_Tunnel
Primary Object	GPRS_Tunnel
GTPU PDU Bytes	GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_BytesPayldBkg, GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_BytesPayldConv, GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_BytesPayldStr, GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_BytesPayldInt
GTPU Packets	GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_Pkt
GTPI Buffer Overload Loss	GPRS_Tunnel.Huawei.GTP_U.Total_VS_GTPU_PktLossBuffOverld

9.36 Huawei UTRAN Iu Interface CS Report

Huawei UTRAN Iu Interface CS Report

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Iu
Primary Object	Iu
Total Payload	Iu.Huawei.IU_CS_Bytes.Total_VS_IuCS_BytesPayld_Tx, Iu.Huawei.IU_CS_Bytes.Total_VS_IuCS_BytesPayld_Rx
Payload Service	Iu.Huawei.IU_CS_Bytes.Total_VS_IuCS_BytesPayldConv, Iu.Huawei.IU_CS_Bytes.Total_VS_IuCS_BytesPayldStr

9.37 Huawei UTRAN Iu Interface PS Report

Huawei UTRAN Iu Interface PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Iu
Primary Object	Iu
Total Payload	Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayld_Rx, Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayld_Tx
Payload Service	Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayldConv, Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayldBgrd, Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayldIntact, Iu.Huawei.IU_PS_Bytes.Total_VS_IuPS_BytesPayldStr

9.38 Huawei UTRAN Neighbour Handover Cell Report

Huawei UTRAN Neighbour Handover Cell Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Neighbour
Primary Object	Neighbour
3G to 3G Handover	Neighbour.Neighbour_Id, Neighbour.Source_Cell_Id, Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_SHO_AttASU_N, Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_SHO_AddRLAtt_NCell, Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_SHO_DelRLAtt_NCell, Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_SHO_ReplaceRLAtt_NCell, Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_HHO_AttOutInterCell_N,

	Neighbour.Huawei.Handover_3G_3G_per_Neighbour.VS_HSDPA_HHO_NoChR_Att_N

9.39 Huawei UTRAN Neighbour Inter RAT Handover Report

Huawei UTRAN Neighbour Inter RAT Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Neighbour
Primary Object	Neighbour
InterRAT Handover	Neighbour.Neighbour_Id, Neighbour.Source_Cell_Id, Neighbour.Huawei.InterRAT_HO_per_Neighbour.VS_IRATHO_AttOutCS_N, Neighbour.Huawei.InterRAT_HO_per_Neighbour.VS_IRATHO_AttOutPSUTRAN_N, Neighbour.Huawei.InterRAT_HO_per_Neighbour.VS_IRATHO_SuccOutCS_N, Neighbour.Huawei.InterRAT_HO_per_Neighbour.VS_IRATHO_SuccOutPSUTRAN_N

9.40 Huawei UTRAN NodeB Availability Report

Huawei UTRAN NodeB Availability Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.NodeB
Primary Object	NodeB
NodeB Availability	NodeB.Huawei.NodeB_Availability.VS_NodeB_Ratio_UnavailTime_OM, NodeB.Huawei.NodeB_Availability.VS_NodeB_UnavailTime_OM

9.41 Huawei UTRAN NodeB IuB Congestion Report

Huawei UTRAN NodeB IuB Congestion Report

Report Feature	Details

Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.NodeB
Primary Object	NodeB
NodeB IuB Congestion	NodeB.NodeB_Id, NodeB.NodeB_Name, NodeB.RNC_Id, NodeB.Huawei.Iub_Congestion.VS_IUB_CongDL, NodeB.Huawei.Iub_Congestion.VS_IUB_CongUL, NodeB.Huawei.Iub_Congestion.VS_IUB_TimeCongDL, NodeB.Huawei.Iub_Congestion.VS_IUB_TimeCongUL

9.42 Huawei UTRAN Proc HPU CPU Util Report

Huawei UTRAN Proc HPU CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean HPU CPU Utilisation	Processor.Huawei.HPU.VS_MeanCPUUtil_HPU

9.43 Huawei UTRAN Proc LPU CPU Util Report

Huawei UTRAN Proc LPU CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean LPU CPU Utilisation	Processor.Huawei.LPU.VS_MeanCPUUtil_LPU

9.44 Huawei UTRAN Proc MPU CPU Util Report

Huawei UTRAN Proc MPU CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean MPU CPU Utilisation	Processor.Huawei.MPU.VS_MeanCPUUtil_MPU

9.45 Huawei UTRAN Proc MUX CPU Util Report

Huawei UTRAN Proc MUX CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean MUX CPU Utilisation	Processor.Huawei.MUX.VS_MeanCPUUtil_MUX

9.46 Huawei UTRAN Proc NET CPU Util Report

Huawei UTRAN Proc NET CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean NET CPU Utilisation	Processor.Huawei.NET.VS_MeanCPUUtil_NET

9.47 Huawei UTRAN Proc SPU CPU Util Report

Huawei UTRAN Proc SPU CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean SPU CPU Utilisation	Processor.Huawei.SPU.VS_MeanCPUUtil_SPU

9.48 Huawei UTRAN Proc Utilisation Report

Huawei UTRAN Processor Utilisation Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean HPU CPU Utilisation	Processor.Huawei.HPU.VS_MeanCPUUtil_HPU
Mean LPU CPU Utilisation	Processor.Huawei.LPU.VS_MeanCPUUtil_LPU

Mean XIE CPU Utilisation	Processor.Huawei.XIE.VS_MeanCPUUtil_INT
Mean WFMR CPU Utilisation	Processor.Huawei.WFMR.VS_MeanCPUUtil_FMR
Mean SPU CPU Utilisation	Processor.Huawei.SPU.VS_MeanCPUUtil_SPU
Mean NET CPU Utilisation	Processor.Huawei.NET.VS_MeanCPUUtil_NET
Mean MUX CPU Utilisation	Processor.Huawei.MUX.VS_MeanCPUUtil_MUX
Mean MPU CPU Utilisation	Processor.Huawei.MPU.VS_MeanCPUUtil_MPU

9.49 Huawei UTRAN Proc WFMR CPU Util Report

Huawei UTRAN Proc WFMR CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean WFMR CPU Utilisation	Processor.Huawei.WFMR.VS_MeanCPUUtil_FMR

9.50 Huawei UTRAN Proc XIE CPU Util Report

Huawei UTRAN Proc XIE CPU Util Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Processor
Primary Object	Processor
Mean XIE CPU Utilisation	Processor.Huawei.XIE.VS_MeanCPUUtil_INT

9.51 Huawei UTRAN RNC Hard HO Report

Huawei UTRAN RNC Hard Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful Hard HO	RNC.Huawei.Hard_HO_RNC._%_VS_HHO_Succ_RNC, RNC.Huawei.Hard_HO_RNC.VS_HHO_Succ_RNC

% Successful Hard HO Inter Freq	RNC.Huawei.Hard_HO_RNC._%_VS_HHO_InterFreq_Succ_RNC, RNC.Huawei.Hard_HO_RNC.VS_HHO_InterFreq_Succ_RNC
Total call drops	RNC.Huawei.Hard_HO_RNC.Total_call_drops
% Successful Hard HO Intra Freq	RNC.Huawei.Hard_HO_RNC._%_VS_HHO_Succ_IntraFreq_RNC, RNC.Huawei.Hard_HO_RNC.VS_HHO_Succ_IntraFreq_RNC

9.52 Huawei UTRAN RNC InterRAT CS HO Report

Huawei UTRAN RNC InterRAT CS Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful outgoing HO	RNC.Huawei.InterRAT_HO_CS_RNC._ %_VS_IRATHO_SuccCSOut_RNC, RNC.Huawei.InterRAT_HO_CS_RNC.VS_IRATHO_SuccCSOut_RNC

9.53 Huawei UTRAN RNC InterRAT PS HO Report

Huawei UTRAN RNC InterRAT PS Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful incoming UE HO	RNC.Huawei.InterRAT_HO_PS_RNC._ %_VS_IRATHO_SuccPSInUE_RNC, RNC.Huawei.InterRAT_HO_PS_RNC.VS_IRATHO_SuccPSInUE_RNC
% Successful outgoing UE HO	RNC.Huawei.InterRAT_HO_PS_RNC._ %_VS_IRATHO_SuccPSOutUE_RNC, RNC.Huawei.InterRAT_HO_PS_RNC.VS_IRATHO_SuccPSOutUE_RNC
% Successful outgoing RNC	RNC.Huawei.InterRAT_HO_PS_RNC._

HO	%_VS_IRATHO_SuccPSOutUTRAN_RNC, RNC.Huawei.InterRAT_HO_PS_RNC.VS_IRATHO_SuccPSOutUTRAN_RNC

9.54 Huawei UTRAN RNC InterRAT SRNS HO Report

Huawei UTRAN RNC InterRAT SRNS Handover Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful HO preparations	RNC.Huawei.InterRAT_HO_SRNS_Relocation._%_VS_SRELOC_SuccPrep_IRHOCS, RNC.Huawei.InterRAT_HO_SRNS_Relocation.VS_SRELOC_SuccPrep_IRHOCS

9.55 Huawei UTRAN RNC Paging Report

Huawei UTRAN RNC Paging Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful idle UEs	RNC.Huawei.Paging_RNC._%_VS_RANAP_Paging_Succ_IdleUE, RNC.Huawei.Paging_RNC.VS_RANAP_Paging_Succ_IdleUE
% successful paging type 1	RNC.Huawei.Paging_RNC._%_VS_UTRAN_SuccPage1, RNC.Huawei.Paging_RNC.VS_UTRAN_SuccPage1
Paging Measurement	RNC.RNC_Id, RNC.Huawei.Paging_RNC.VS_RANAP_Paging_Att, RNC.Huawei.Paging_RNC.VS_RANAP_Paging_Att_IdleUE, RNC.Huawei.Paging_RNC.VS_RANAP_Paging_Succ_IdleUE, RNC.Huawei.Paging_RNC.VS_UTRAN_Paging1_Att, RNC.Huawei.Paging_RNC.VS_UTRAN_Paging2_Att, RNC.Huawei.Paging_RNC.VS_UTRAN_SuccPage1, RNC.Huawei.Paging_RNC.VS_CN_Page_Loss_IUFC, RNC.Huawei.Paging_RNC.VS_CN_Page_Loss_PCHCong

9.56 Huawei UTRAN RNC RAB Modify CS Report

Huawei UTRAN RNC RAB Modify CS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful conversational service	RNC.Huawei.RAB_Modify_CS_RNC._%_VS_RAB_SuccModCS_Conv_RNC, RNC.Huawei.RAB_Modify_CS_RNC.VS_RAB_SuccModCS_Conv_RNC
% Successful streaming service	RNC.Huawei.RAB_Modify_CS_RNC._%_VS_RAB_SuccModCS_Str_RNC, RNC.Huawei.RAB_Modify_CS_RNC.VS_RAB_SuccModCS_Str_RNC

9.57 Huawei UTRAN RNC RAB Modify PS Report

Huawei UTRAN RNC RAB Modify PS Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
% Successful background service	RNC.Huawei.RAB_Modify_PS_RNC._%_VS_RAB_SuccModPS_Bkg_RNC, RNC.Huawei.RAB_Modify_PS_RNC.VS_RAB_SuccModPS_Bkg_RNC
% Successful conversational service	RNC.Huawei.RAB_Modify_PS_RNC._%_VS_RAB_SuccModPS_Conv_RNC, RNC.Huawei.RAB_Modify_PS_RNC.VS_RAB_SuccModPS_Conv_RNC
% Successful streaming service	RNC.Huawei.RAB_Modify_PS_RNC._%_VS_RAB_SuccModPS_Str_RNC, RNC.Huawei.RAB_Modify_PS_RNC.VS_RAB_SuccModPS_Str_RNC
% Successful interactive service	RNC.Huawei.RAB_Modify_PS_RNC._%_VS_RAB_SuccModPS_Int_RNC, RNC.Huawei.RAB_Modify_PS_RNC.VS_RAB_SuccModPS_Int_RNC

9.58 Huawei UTRAN RNC Resource Report

Huawei UTRAN RNC Resource Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.RNC
Primary Object	RNC
MultiRab	RNC.RNC_Id, RNC.Huawei.MultiRab_RNC.VS_MultRAB_0CS_2PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_1CS1PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_1CS2PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_1CS3PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_0CS3PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_0CS4PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_2CS0PS, RNC.Huawei.MultiRab_RNC.VS_MultRAB_2CS1PS

9.59 Huawei UTRAN Signal Link IMA Link Report

Huawei UTRAN Signalling Link IMA Link Report

Report Feature	Details
Report Tree Branch	System.UMTS.Engineering.UTRAN.Huawei.Signalling_Link
Primary Object	Signalling_Link
Total IMA Cells Transmitted and Received	Signalling_Link.Huawei.IMA_Link.Total_IMALNK_CELLS

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Printed in the U.S.A.