| | | | |
|---|---|---|---|
| | **TERMO DE ACEITE TÉCNICO** | | |
| **Solicitante: GEE** | | | |
| **NOC/Operador:** Wallace Teixeira | | **Cliente: HSVIASAT** | |
| | | | |
| **Empresa**<br>EMC Brasil | **VSAT-ID** HSVIASAT-<br>MAURO_TRANSPORTES | **Link kbps**<br>2048K/512k | **Plataforma** VSAT |

device show
System Information:
Name : HSVIASAT-MAURO_TRANSPORTES
Location : Juruti - PA
Contact :
System Up time : 0 days, 15:33:15
CPU Load : 26%
System time(UTC) : 19 July 2018 23:55:03
Broadcast Message : not set

HW:
Model : SatLink 1000
HW ID : 103346
Main board ID : 120012 R1.2

MAC addresses:
Ethernet (LAN) : 00:20:0e:10:1f:09
Satellite (DVB) : 00:20:0e:10:1f:09

# dvb rx show

Satellite (DVB) RX Configuration
---
Auto start : Enabled
Max MODCOD : 23 16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog : 15 minute

| Idx | Pri | SymbRate[Msps] | Freq[GHz] | Mode | PopId | Enable |
|---|---|---|---|---|---|---|
| * 0 | 0 | 30.000000 | 11.592000 | DVB-S2 4 | | Yes |
| 1 | 1 | 30.000000 | 11.590000 | DVB-S2 4 | | No |
| 6 | 6 | 25.333333 | 12.050000 | DVB-S2 4 | | Yes |
| 7 | 7 | 30.000000 | 12.050000 | DVB-S2 4 | | Yes |

Satellite (DVB) Receiver Status
---
Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam

Frequency : 11.592048 GHz
Symbol Rate : 29.999723 Msps
S2 ModCod
- receiving : 18 16APSK-2/3
- current max : 9 QPSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 7.9 dB
Input Power : -40 dBm
# dvb tx show

Satellite (DVB) TX Configuration
---
Auto start : Enabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status
---
State : On (TDMA)
IDU Output Power : -20.1 dBm
Es/No : 7.5 dB
Header Compression : Disabled
Timing correction : 135 us (244574 us)
Frequency correction: 40 Hz
# odu show

Antenna
---
Type ASC/Andrew/Channel Master Type 184 - 1.8m
Antenna controller None
Tx Gain at 14.25 GHz 47.0dB

Transmitter (BUC)
---
Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

Receiver (LNB)
---
Type JRC NJR2535S (11.70-12.20 GHz)
Local oscillator - LO1 10.750000 GHz
Local oscillator - LO2 10.750000 GHz

Oscillator switching frequency 1-2  13.000000 GHz
13/18V DC supply  18V

# dvb cr show

Capacity parameters per channel:
---
Channel  CRA[kbps] Allocated[kbps]
0  0  44

Requested capacity per QoS class:
---
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0  0  512  51  18  0 Best Effort
0  1  0  0  0  0 VoiP
0  2  0  0  0  0 ViC
0  3  32  3  0  0 Critical Data

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
# ip mfc show
MfC Classification table
Module: QoS (0)
SubIdx Idx Grp Classification Parms  HitCount
3  1  1 DSCP =  4..4  0

3  2  2 DSCP =  1..1  0

Module: PEP (1)
SubIdx Idx Grp Classification Parms  HitCount
1  10  1 Dst port =  1..65535  0

# ip qos show
QOS Policy Table
Grp Cls CrM Pri QLength Drop Timeout Description
0  0  0  0  400000  0  120 Best Effort
1  1  1  1  15000  1  120 VoIP Audio
2  1  1  2  4000  1  120 VoIP Signaling
QoS MfC Classification table
SubIdx Idx Grp Classification Parms  HitCount
3  1  1 DSCP =  4..4  0

3  2  2 DSCP =  1..1  0