| | | | |
|---|---|---|---|
| | **TERMO DE ACEITE TÉCNICO** | | |
| **Solicitante: GEE** | | | |
| **NOC/Operador: Wallace Teixeira** | | **Cliente: IMAIS** | |
| | | | |
| **Empresa** EMC Brasil | **VSAT-ID: IMAIS-EIPE_III** | **Link kbps** 4M/1M | **Plataforma** VSAT |

System Information:
Name : IMAIS-EIPE_III
Location : EIRUNEPÉ - AM
Contact :
System Up time : 0 days, 06:27:01
CPU Load : 33%
System time(UTC) : 07 March 2018 22:39:33
Broadcast Message : not set

HW:
Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.2

MAC addresses:
Ethernet (LAN) : 00:20:0e:10:64:76
Satellite (DVB) : 00:20:0e:10:64:76

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

| Idx | Pri | SymbRate[Msps] | Freq[GHz] | Mode | PopId | SatId | Pos | SatName | Name | Enable |
|---|---|---|---|---|---|---|---|---|---|---|
| * 0 | 0 | 30.000000 | 12.050000 | DVB-S2 4 | 0 | 0.0 E | | | Yes | |
| 1 | 1 | 25.333333 | 12.050000 | DVB-S2 4 | 0 | 0.0 E | | | Yes | |
| 6 | 6 | 30.000000 | 12.050000 | DVB-S2 4 | 0 | 0.0 E | | | Yes | |

Satellite (DVB) Receiver Status
---
Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.049901 GHz
Symbol Rate : 29.999841 Msps
S2 ModCod
- receiving : 7 QPSK-3/4

- current max : 21  16APSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 12.9 dB
Input Power : -33 dBm

Satellite (DVB) TX Configuration
---
Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 34.0 dBm
EIRP : 47.0 dBW
Default CW Frequency: 14.169550 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status
---
State : On (DVB-RCS)
IDU Output Power : -14.3 dBm
ODU Output Power : 35.2 dBm
EIRP : 48.2 dBW
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -81 us (244921 us)
Frequency correction: -30 Hz

Antenna
---
Type BrasilSat SOB107-12 - 1.2m
Antenna controller None
Tx Gain at 14.25 GHz 43.0dB

Transmitter (BUC)
---
Type SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. 104804040203090708120000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Temperature 45 Deg C

Receiver (LNB)
---
Type SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22kHz
13/18V DC supply 13V

Capacity parameters per channel:
---
Channel CRA[kbps] Allocated[kbps]
0 0 7

Requested capacity per QoS class:
---
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 1024 102 2 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: PEP (1)
SubIdx Idx Grp Classification Parms HitCount
1 10 1 Dst port = 1..65535 47435

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
3 2 1 5 500000 1 120 VIC Video
4 2 1 4 50000 1 120 VIC Audio
5 2 1 3 10000 1 120 VIC Signaling
6 3 0 6 400000 0 120 Critical Data
QoS MfC Classification table
SubIdx Idx Grp Classification Parms HitCount