TERMO DE ACEITE TÉCNICO

Solicitante: IMAIS-EIPE

NOC/Operador: Leonardo Martins

Cliente: IMAIS-EIPE

Empresa EMC Brasil	VSAT-ID IMAIS-EIPE	Link kbps 2048/512	Plataforma VSAT

```
# device show
System Information:
    Name                 : IMAIS-EIPE
    Location             : EIRUNEP░   - AM
    Contact              :
    System Up time       : 3 days, 23:23:57
    CPU Load             : 23%
    System time(UTC)     : 20 March 2017 21:31:31
    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

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start         : Enabled
IDU Output Power   : -12 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : max
EIRP               : max
Default CW Frequency: 14.407235 GHz
ATM mode           : VC-Mux
Header Compression :  None



Satellite (DVB) Transmitter Status
-------------------------------
State              : On (TDMA)
IDU Output Power   : -16.0 dBm
ODU Output Power   : 34.3 dBm
EIRP               : 47.6 dBW
Es/No              : 12.0 dB
Header Compression : Disabled
Timing correction  : -245 us (264509 us)
Frequency correction: -940 Hz
# 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    10.680000      12.164510  DVB-S2 103        Yes
```

```
   1  1      0.000000        0.000000  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  Anik G1 Beam
Frequency          : 12.164701 GHz
Symbol Rate        : 10.679938 Msps
S2 ModCod
       - receiving  : 14   8PSK-3/4
       - current max : 14   8PSK-3/4
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 12.0 dB
Input Power        : -36 dBm
# odu show


Antenna
---------------------
Type                            ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller              None
Tx Gain at 14.25 GHz            43.3dB


Transmitter (BUC)
-------------------------------
Type                            SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                  106546040203080300830000
ODU HW Version                  4.2
ODU SW Version                  1.3
Local oscillator                13.050000 GHz
DC supply                   24V On
Temperature                 39 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


# dvb cr show

Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0          0              78

Requested capacity per QoS class:
-------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0         512          51           38            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 12

VBDC computation interval 200 ms (configured 0)
#
```