TERMO DE ACEITE TÉCNICO

Solicitante: IMAIS

NOC/Operador: Wallace Teixeira	**Cliente: IMAIS**

Empresa EMC Brasil	**VSAT-ID** IMAIS-TEFE	**Link kbps** 2048K/512K	**Plataforma** VSAT

```
# device show System
Information:
    Name                 : IMAIS-TEFE
Location              : Tefé – AM
    Contact              :
    System Up time       : 0 days, 20:58:29
    CPU Load             : 25%
    System time(UTC)     : 26 July 2017 18:48:14
Broadcast Message    : not set
 HW:
    Model                : SatLink 2000
    HW ID                : 120033
    Main board ID        : 120026 R6.2

MAC addresses:
    Ethernet (LAN)       : 00:20:0e:10:82:4b
    Satellite (DVB)      : 00:20:0e:10:82:4b

# device show System
Information:
    Name                 : IMAIS-TEFE
Location              : Tefé – AM
    Contact              :
    System Up time       : 0 days, 20:58:40
    CPU Load             : 26%
    System time(UTC)     : 26 July 2017 18:48:26
Broadcast Message    : not set
 HW:
    Model                : SatLink 2000
    HW ID                : 120033
    Main board ID        : 120026 R6.2

MAC addresses:
    Ethernet (LAN)       : 00:20:0e:10:82:4b
    Satellite (DVB)      : 00:20:0e:10:82:4b

# dvb tx show
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled IDU
Output Power    : -8 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 52.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On   (DVB-RCS)
IDU Output Power    : -7.7 dBm
ODU Output Power    : 35.1 dBm
EIRP                : 52.1 dBW
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : 29 us (245379 us)
Frequency correction: -90 Hz
# dvb rx show

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	25.333333	12.050000	DVB-S2	4	0	0.0 E		Yes
7	7	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           : 12.050535 GHz
Symbol Rate         : 25.332914 Msps
S2 ModCod
- receiving   : 7   QPSK-3/4
- current max : 20   16APSK-4/5
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
```

```
DVB S2 Stream type  : MPEG-TS Roll
off               : 0.20
SNR               : 13.5 dB
Input Power       : -42 dBm
# 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                                SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                      10654604020413321409000
ODU HW Version                      4.2
ODU SW Version                      1.3
Local oscillator                    13.050000 GHz
DC supply                           24V On
Temperature                         49 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


# 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                                SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                      10654604020413321409000
ODU HW Version                      4.2
ODU SW Version                      1.3
Local oscillator                    13.050000 GHz
DC supply                           24V On
Temperature                         49 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               0

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