



TERMO DE ACEITE TÉCNICO

Solicitante: Imais

NOC/Operador: Wallace Teixeira

Cliente: Imais

Empresa
EMC Brasil

VSAT-ID
IMAIS-EIPE-II

Link kbps
1024K/512K

Plataforma
VSAT

```
# device show
```

System Information:

```
Name           : IMAIS-EIPE-II
Location        : Eirunepé -AM
Contact         :
System Up time  : 35 days, 01:32:14
CPU Load        : 31%
System time(UTC): 19 August 2017 00:37:27
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:b0
Satellite (DVB)  : 00:20:0e:10:64:b0
```

```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start       : Enabled
IDU Output Power : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.3 dBm
EIRP             : 50.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode         : VC-Mux
Header Compression : None
```

Satellite (DVB) Transmitter Status

```
-----
State            : On (DVB-RCS)
IDU Output Power : -21.6 dBm
ODU Output Power : 33.1 dBm
EIRP             : 49.8 dBW
Es/No            : 12.5 dB
Header Compression : Disabled
Timing correction : -70 us (245919 us)
Frequency correction: -150 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[Mbps]	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	102	0	0.0 E	
Yes								

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.049863 GHz
Symbol Rate : 25.332960 Msps
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 22 16APSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 15.4 dB
Input Power : -25 dBm
odu show

Antenna

Type : BrasilSat SOB107-18 - 1.8m
Antenna controller : None
Tx Gain at 14.25 GHz : 46.7dB

Transmitter (BUC)

Type : SatLink 4035 (14.0-14.5 GHz)
ODU Serial No. : 106546040203080310750000
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

ip mfc show

MfC Classification table

Module: PEP (1)

SubIdx	Idx	Grp	Classification	Parms	HitCount
1	10	1	Dst port =	1..65535	4838

dvb cr show

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 0 612 61 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)