



# TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias

Cliente: Imais

**Empresa**  
GEE Brasil

**VSAT-ID**  
IMAI-BASE\_FLUVIAL\_II

**Link kbps**  
2048k/512k

**Plataforma**  
VSAT

# device show

System Information:

Name : IMAIS-BASE\_FLUVIAL\_II  
Location : MANAUS - AM  
Contact :  
System Up time : 0 days, 20:18:11  
CPU Load : 19%  
System time(UTC) : 02 April 2018 17:04:36  
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:63:c2  
Satellite (DVB) : 00:20:0e:10:63:c2

# 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	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	

Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.050097 GHz  
Symbol Rate : 29.999999 Msps  
S2 ModCod  
- receiving : 18 16APSK-2/3  
- current max : 15 8PSK-5/6

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 10.5 dB  
Input Power : -27 dBm

# dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled

IDU Output Power : -19 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.7 dBm  
EIRP : 47.0 dBW  
Default CW Frequency: 14.169950 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS)  
IDU Output Power : -14.5 dBm  
ODU Output Power : 33.5 dBm  
EIRP : 46.8 dBW  
Es/No : 9.5 dB  
Header Compression : Disabled  
Timing correction : 207 us (244362 us)  
Frequency correction: -250 Hz  
# 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 4033 (14.0-14.5 GHz)  
ODU Serial No. 104804040203070603970000  
ODU HW Version 4.2  
ODU SW Version 1.3  
Local oscillator 13.050000 GHz  
DC supply 24V On  
Temperature 44 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 7

#### 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)

# ip mfc show

MfC Classification table

Module: PEP (1)

SubIdx Idx Grp Classification Parm s HitCount

1 10 1 Dst port = 1..65535 27324  
#