



# TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias

Cliente: Imais

**Empresa**  
GEE Brasil

**VSAT-ID**  
IMAI5-BAOS\_AE

**Link kbps**  
2048k/512k

**Plataforma**  
VSAT

# device show

System Information:

Name : IMAIS-BAOS\_AE  
Location : Barcelos-AM  
Contact :  
System Up time : 1 day, 18:39:17  
CPU Load : 18%  
System time(UTC) : 23 July 2018 16:28:43  
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:65:4d  
Satellite (DVB) : 00:20:0e:10:65:4d

# 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	30.000000	11.592000	DVB-S2 4	0	0.0	E		Yes	
1	1	25.333000	11.592000	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 : 11.592641 GHz  
Symbol Rate : 29.999440 Msps  
S2 ModCod  
- receiving : 19 16APSK-3/4  
- current max : 19 16APSK-3/4

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 12.8 dB  
Input Power : -29 dBm

# dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled

IDU Output Power : -18 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 34.7 dBm  
EIRP : 48.0 dBW  
Default CW Frequency: 14.169750 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

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State : On (DVB-RCS)  
IDU Output Power : -15.6 dBm  
ODU Output Power : 32.5 dBm  
EIRP : 46.8 dBW  
Es/No : 10.1 dB  
Header Compression : Disabled  
Timing correction : -167 us (244237 us)  
Frequency correction: -30 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 4035 (14.0-14.5 GHz)  
ODU Serial No. 106546040203090200070000  
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

# dvb cr show

#### Capacity parameters per channel:

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Channel CRA[kbps] Allocated[kbps]  
0 0 71

#### Requested capacity per QoS class:

-----  
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description  
0 0 512 51 16 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)

#

