



# TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira

Cliente: Imais

VSAT-ID IMAIS-  
BAOS\_GM

Link kbps 2M/512k

Plataforma VSAT

## System Information:

Name : IMAIS-BAOS\_GM  
Location : Barcelos-AM  
Contact :  
System Up time : 0 days, 08:14:36  
CPU Load : 16%  
System time(UTC) : 20 September 2018 04:41:40  
Broadcast Message : not set

## HW:

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

## MAC addresses:

Ethernet (LAN) : 00:20:0e:10:86:cb  
Satellite (DVB) : 00:20:0e:10:86:cb

## 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	10.680000	12.164510	DVB-S2 103	0	0.0 E			Yes	

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, Anik G1 Beam  
Frequency : 12.164718 GHz  
Symbol Rate : 10.679967 Msps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- 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 : 13.2 dB  
Input Power : -35 dBm

#### Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -13 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 34.0 dBm  
EIRP : 47.0 dBW  
Default CW Frequency: 14.478500 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS)  
IDU Output Power : -11.3 dBm  
ODU Output Power : 40.0 dBm  
EIRP : 53.0 dBW  
Es/No : 12.5 dB  
Header Compression : Disabled  
Timing correction : -248 us (268054 us)  
Frequency correction: -970 Hz

#### Antenna

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Type BrasilSat SOB107-12 - 1.2m  
Antenna controller None  
Tx Gain at 14.25 GHz 43.0dB

#### Transmitter (BUC)

-----  
Type SatLink 4033 (14.0-14.5 GHz)  
ODU Serial No. 104804030803070104300000  
ODU HW Version 3.8  
ODU SW Version 1.3  
Local oscillator 13.050000 GHz  
DC supply 24V On  
Temperature 45 Deg C

#### Receiver (LNB)

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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

#### MfC Classification table

Module: PEP (1)

SubIdx Idx Grp Classification ParmS    HitCount  
1 10 1 Dst port = 1..65535 3511

#### QoS Policy Table

Grp Cls CrM Pri QLength Drop Timeout Description

0	0	0	0	400000	0	120	Best Effort
1	1	1	1	15000	1	120	VoIP Audio
2	1	1	2	4000	1	120	VoIP Signaling
3	2	1	5	500000	1	120	VIC Video
4	2	1	4	50000	1	120	VIC Audio
5	2	1	3	10000	1	120	VIC Signaling
6	3	0	6	400000	0	120	Critical Data

#### QoS MfC Classification table

SubIdx Idx Grp Classification ParmS    HitCount

#### Capacity parameters per channel:

-----  
Channel CRA[kbps] Allocated[kbps]  
0        0        28

#### Requested capacity per QoS class:

-----  
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description  
0    0        512        51        6        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)