



## TERMO DE ACEITE TÉCNICO

**Solicitante: GEE**

**NOC/Operador:** Wallace Teixeira

**Cliente:** NSAT

**Empresa**  
EMC Brasil

**VSAT-ID NSAT-**  
AMATURA

**Link kbps**  
2M/512K

**Plataforma VSAT**

# device show

System Information:

Name : NSAT-AMATURA  
Location : Amaturá- AM  
Contact :  
System Up time : 0 days, 02:45:37  
CPU Load : 18%  
System time(UTC) : 18 July 2017 15:47:06  
Broadcast Message : not set

HW:

Model : SatLink 2000

MAC addresses:

Ethernet (LAN) : 00:20:0E:10:57:F8  
Satellite (DVB) : 00:20:0E:10:57:F8

# dvb rx show

Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max MODCOD : 23 16APSK-9/10 (SNR threshold: 23.5 dB)  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msps]	Freq[GHz]	Mode	PopId	Sat[Id/Pos]	Enable
* 0	0	25.333333	12.050000	DVB-S2 4	0/	0.0 E	Yes
1	1	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 : 12.048615 GHz  
Symbol Rate : 25.332489 Msps  
S2 ModCod  
- receiving : 7 QPSK-3/4  
- current max : 15 8PSK-5/6

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 12.7 dB  
Input Power : -35 dBm

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -16 dBm  
IDU Max Output Power: 0.0 dBm  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

## Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS)  
IDU Output Power : -15.8 dBm  
Es/No : 13.0 dB  
Header Compression : Disabled  
Timing correction : 8 us (245531 us)  
Frequency correction: 50 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 JRC NJT5097 (13.75-14.25 GHz)  
Local oscillator 12.800000 GHz  
DC supply 24V On

## Receiver (LNB)

-----  
Type JRC NJR2535S (11.70-12.20 GHz)  
Local oscillator - LO1 10.750000 GHz  
Local oscillator - LO2 10.750000 GHz  
Oscillator switching frequency 1-2 13.000000 GHz  
13/18V DC supply 18V

# dvb cr show

## 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 8 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)



