



# TERMO DE ACEITE TÉCNICO

**Solicitante:** ROVEMA

**NOC/Operador:** Wallace Teixeira

**Cliente:** Rovema

**Empresa**  
EMC Brasil

**VSAT-ID**  
ROVEMA-MARQUES

**Link kbps**  
512K/512K + VOIP\_ROVEMA

**Plataforma VSAT**

```
# device show
```

System Information:

Name : ROVEMA-MARQUES  
Location : Porto Velho - RO  
Contact :  
System Up time : 4 days, 09:46:03  
CPU Load : 16%  
System time(UTC) : 26 July 2017 18:19:08  
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:81:8e  
Satellite (DVB) : 00:20:0e:10:81:8e

```
# dvb rx show
```

Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	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 : 12.163999 GHz  
Symbol Rate : 10.679738 Msp/s  
S2 ModCod  
- receiving : 13 8PSK-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 : 11.3 dB  
Input Power : -42 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 : 33.7 dBm  
EIRP : 47.0 dBW  
Default CW Frequency: 14.407235 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS)  
IDU Output Power : -11.1 dBm  
ODU Output Power : 33.6 dBm  
EIRP : 46.9 dBW Es/No  
: 11.0 dB  
Header Compression : Disabled  
Timing correction : -246 us (268113 us)  
Frequency correction: -1430 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. : 106546040203080802440000  
ODU HW Version : 4.2  
ODU SW Version : 1.3  
Local oscillator : 13.050000 GHz  
DC supply : 24V On  
Temperature : 52 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	7

Requested capacity per QoS class:

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Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]
Description					
0	0	512	51	2	0
Best Effort					
0	1	34	3	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)