

TERMO DE ACEITE TÉCNICO

Solicitante: ROVEMA

NOC/Operador: Leonardo Martins

Cliente: ROVEMA

Empresa
EMC Brasil

VSAT-ID
ROVEMA-FAZENDA

Link kbps
512k/512k

Plataforma
VSAT

```
# device show
System Information:
  Name           : ROVEMA-FAZENDA
  Location        : Vila Extrema - RO
  Contact         :
  System Up time  : 11 days, 06:08:10
  CPU Load        : 24%
  System time(UTC) : 26 July 2017 17:58:13
  Broadcast Message : not set
```

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

```
MAC addresses:
  Ethernet (LAN)   : 00:20:0e:10:84:d2
  Satellite (DVB)  : 00:20:0e:10:84:d2
```

```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -22 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     : -18.1 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction     : -243 us (267455 us)
Frequency correction : -1400 Hz
```

```
# 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	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 : 12.164310 GHz
Symbol Rate : 10.679911 Msps
S2 ModCod
- receiving : 13 8PSK-2/3
- current max : 18 16APSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 11.8 dB
Input Power : -35 dBm
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. 106546040203080314080000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Temperature 55 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 14

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 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)

#