



TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

Cliente: Rovema

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	ROVEMA-CUJUBIM	512K/512K + VOIP_ROVEMA	VSAT

device show

System Information:

Name : ROVEMA-CUJUBIM
Location : Porto Velho - RO
Contact :
System Up time : 6 days, 00:54:21
CPU Load : 26%
System time (UTC) : 26 July 2017 17:47:02
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:82:ac
Satellite (DVB) : 00:20:0e:10:82:ac

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	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 : 12.164285 GHz
Symbol Rate : 10.679799 Msps
S2 ModCod
- receiving : 18 16APSK-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 : 12.6 dB
Input Power : -37 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -15 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.7 dBm
EIRP : 47.0 dBW
Default CW Frequency: 14.131100 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -11.6 dBm
ODU Output Power : 33.6 dBm
EIRP : 46.9 dBW
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : -242 us (268700 us)
Frequency correction: -1390 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. : 106546040203080900530000
ODU HW Version : 4.2
ODU SW Version : 1.3
Local oscillator : 13.050000 GHz
DC supply : 24V On
Temperature : 47 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           7
```

```
Requested capacity per QoS class:
```

```
-----  
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs]  
Description  
      0          0          512          51          14          188  
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)
```