TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira | **Cliente: Rovema**

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

```
# device show
System Information:
    Name                : ROVEMA-ALEGRE
    Location            : Vista Alegre - RO
    Contact             :
    System Up time      : 10 days, 16:34:25
    CPU Load            : 21%
    System time(UTC)    : 26 July 2017 16:04:08
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:82:cc
    Satellite (DVB)     : 00:20:0e:10:82:cc

# 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           : 12.164349 GHz
Symbol Rate         : 10.679916 Msps
S2 ModCod
     - receiving    : 14   8PSK-3/4
     - 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                 : 12.3 dB
Input Power         : -40 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    : 34.7 dBm
EIRP                : 48.0 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    : -14.0 dBm
ODU Output Power    : 34.2 dBm
EIRP                : 47.5 dBW
Es/No               : 11.5 dB
Header Compression  : Disabled
Timing correction   : -226 us (266963 us)
Frequency correction: -1450 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.               106546040203080801260000
ODU HW Version               4.2
ODU SW Version               1.3
Local oscillator             13.050000 GHz
DC supply                    24V On
Temperature                  49 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            0            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)
```