TERMO DE ACEITE TÉCNICO

Solicitante: PROJETO ESCOLAS RURAIS

NOC/Operador: Leonardo Martins Silva	Cliente: Vivo

Empresa	VSAT-ID	Link kbps	Plataforma
GEE	CREDIP-PRIMAVERA-RO	256k/128k	VSAT

```
# device show
System Information:
    Name                : CREDIP-PRIMAVERA-RO
    Location            : Primavera/RO
    Contact             :
    System Up time      : 7 days, 19:53:57
    CPU Load            : 18%
    System time(UTC)    : 11 April 2017 18:53:33
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:7b:48
    Satellite (DVB)     : 00:20:0e:10:7b:48


# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -18 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     : -17.8 dBm
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -114 us (250791 us)
Frequency correction: 110 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    15.000000      12.059000 DVB-S2 4           0   0.0 E
Yes
  1  1     9.320000      12.055825 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            : 12.059065 GHz
Symbol Rate          : 15.000609 Msps
S2 ModCod
     - receiving     : 15   8PSK-5/6
     - current max   : 19   16APSK-3/4
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 12.8 dB
Input Power          : -39 dBm


# odu show

Antenna
---------------------
Type                         BrasilSat SOB107-12  - 1.2m
Antenna controller           None
Tx Gain at 14.25 GHz         43.0dB


Transmitter (BUC)
-------------------------------
Type                         JRC NJT5017 (14.0-14.5 GHz)
Local oscillator             13.050000 GHz
DC supply                    24V On


Receiver (LNB)
----------------------------
Type                         Zinwell ZK-VJ1 (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


#
```