

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha Cliente: VIVO

Empresa VSAT-ID Link kbps Plataforma Empresa EMC Brasil VIVO-PER-25090470-PB 256k/128k **VSAT**

device show

System Information:

: VIVO-PER-25090470-PB Name

Location : Sobrado - PB

Contact

System Up time : 0 days, 00:11:38

CPU Load : 24%
System time(UTC) : 08 September 2017 13:10:05
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:52:c5 Satellite (DVB) : 00:20:0e:10:52:c5

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: 0.000000 GHz

ATM mode : VC-Mux Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS2)
IDU Output Power : -13.8 dBm ODU Output Power : 33.5 dBm : 46.8 dBW : 13 dB EIRP Header Compression : Disabled

Timing correction : -37 us (251270 us)

Frequency correction: -160 Hz

dvb rx show

Saving Configuration. This will take ~20 secs

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

Enable

* 0 0 25.333333 12.050000 DVB-S2 102 0 0.0 E

Yes

1 1 30.000000 12.050000 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 : 12.050069 GHz

Symbol Rate : 25.333055 Msps
S2 ModCod
   - receiving : 21 16APSK-5/6
     - current max : 20 16APSK-4/5
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 13.0 dB
Input Power : -24 dBm
# Configuration Saved
# odu show
Antenna
_____
                                ASC/Andrew/Channel Master Type 123 - 1.2m
Type
                                   None
Antenna controller
Tx Gain at 14.25 GHz
                                   43.3dB
Transmitter (BUC)
_____
Type
                                   SatLink 4033 (14.0-14.5 GHz)
                                   104804040203090409330000
ODU Serial No.
ODU HW Version
                                   4.2
ODU SW Version
                                  1.3
Local oscillator
                                  13.050000 GHz
DC supply
                                   24V On
Temperature
                                   42 Deg C
Receiver (LNB)
_____
                                  SatLink 403x (10.70-12.75 GHz)
Type
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
                                  22kHz
LO Switching mode
13/18V DC supply
# dvb cr show
Capacity parameters per channel:
_____
Channel CRA[kbps] Allocated[kbps]
  0 0
Requested capacity per QoS class:
-----
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
  0 0 256 26 2 0 Best Effort
0 1 0 0 0 0 VoIP
0 2 0 0 0 0 ViC
                                              0
                                  3
                                                             0 Critical Data
                          32
RBDC timeout 14 VBDC timeout 20
VBDC computation interval 200 ms (configured 0)
```