TERMO DE ACEITE TÉCNICO

Solicitante: Projeto Escolas Rurais

NOC/Operador: Leonardo Martins | **Cliente: VIVO-PER**

Empresa EMC Brasil	VSAT-ID VIVO-PER-31109851-MG	Link kbps 256k/128k	Plataforma VSAT

```
# device show
System Information:
    Name                 : VIVO-PER-31109851-MG
    Location             : Arinos-mg
    Contact              :
    System Up time       : 0 days, 06:42:14
    CPU Load             : 13%
    System time(UTC)     : 22 March 2017 18:28:55
    Broadcast Message    : not set

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

MAC addresses:
    Ethernet (LAN)       : 00:20:0e:10:8f:9c
    Satellite (DVB)      : 00:20:0e:10:8f:9c

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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-RCS2)
IDU Output Power    : -20.1 dBm
Es/No               : 15.0 dB
Header Compression  : Disabled
Timing correction   : -118 us (260399 us)
Frequency correction: -20 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      9.320000     12.055825 DVB-S2 102        0   0.0 E
Yes


Satellite (DVB) Receiver Status
```

```
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  T14R Beam
Frequency           : 12.055956 GHz
Symbol Rate         : 9.319920 Msps
S2 ModCod
      - receiving   : 16   8PSK-8/9
      - current max : 16   8PSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 13.6 dB
Input Power         : -38 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                          None
Local oscillator              13.050000 GHz
DC supply                     24V On
10MHz Ref                     On

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               9

Requested capacity per QoS class:
---------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0        200          20           0            0 Best Effort
     0       1          0           0           0            0 VoIP
     0       2          0           0           0            0 ViC
     0       3         32           3           0            0 Critical Data


RBDC timeout 14 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
#
```