TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26090570-PE	256k/128k	VSAT

```
# device show
System Information:
    Name                : VIVO-PER-26090570-PE
    Location            : Macaparana - PE
    Contact             :
    System Up time      : 7 days, 19:36:35
    CPU Load            : 26%
    System time(UTC)    : 09 February 2018 14:10:40
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:84:96
    Satellite (DVB)     : 00:20:0e:10:84:96

#
# 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    : -19.8 dBm
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -107 us (250212 us)
Frequency correction: -40 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     30.000000      12.050000 DVB-S2  102        0    0.0 E
Yes
  1  1     25.333333      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          : 12.050017 GHz
Symbol Rate        : 29.999760 Msps
S2 ModCod
      - receiving    : 15   8PSK-5/6
      - current max  : 22   16APSK-8/9
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
DVB S2 Stream type : MPEG-TS
Roll off           : 0.20
SNR                : 15.3 dB
Input Power        : -32 dBm
# dvb cr show


Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0         0               0


Requested capacity per QoS class:
-------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0        200          20           2            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)
```