

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31157589-MG

Link kbps
256k/128k

Plataforma
VSAT



```
# device show
System Information:
  Name       : VIVO-PER-31157589-MG
  Location   : Virgem da Lapa - MG
  Contact    :
  System Up time : 0 days, 00:45:53
  CPU Load   : 15%
  System time (UTC) : 15 December 2017 19:15:44
  Broadcast Message : not set
```

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

```
MAC addresses:
  Ethernet (LAN) : 00:20:0e:10:51:c6
  Satellite (DVB) : 00:20:0e:10:51:c6
```

```
#
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start       : Enabled
IDU Output Power : -19 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 : -19.2 dBm
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -151 us (250447 us)
Frequency correction: 130 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[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	25.333333	12.050000	DVB-S2	104	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 : 12.050013 GHz
Symbol Rate : 25.333273 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 : -35 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)