



# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Leonardo Martins

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26090490-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT

```
# device show
System Information:
  Name           : VIVO-PER-26090490-PE
  Location        : Macaparana - PE
  Contact         :
  System Up time  : 7 days, 05:17:09
  CPU Load        : 21%
  System time(UTC) : 09 February 2018 19:51:38
  Broadcast Message : not set
```

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

```
MAC addresses:
  Ethernet (LAN)   : 00:20:0e:10:7c:68
  Satellite (DVB)  : 00:20:0e:10:7c:68
```

#

```
# 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                : 11.5 dB
Header Compression   : Disabled
Timing correction     : -116 us (250206 us)
Frequency correction : 120 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	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 : 12.050012 GHz  
Symbol Rate : 29.999913 Msps  
S2 ModCod  
- receiving : 18 16APSK-2/3  
- 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 : 15.0 dB  
Input Power : -33 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 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)