

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-28012526-SE

Link kbps
256k/128k

Plataforma
VSAT

```
# device show
System Information:
  Name       : VIVO-PER-28012526-SE
  Location    : RIACHAO DOS DANTAS - SE
  Contact     :
  System Up time : 1 day, 03:19:27
  CPU Load    : 29%
  System time(UTC) : 09 February 2018 15:30:56
  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:28
  Satellite (DVB) : 00:20:0e:10:7c:28
```

```
#
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start       : Enabled
IDU Output Power : -15 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 : -14.8 dBm
Es/No           : 10.5 dB
Header Compression : Disabled
Timing correction : -124 us (249725 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[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		
No									

Satellite (DVB) Receiver Status

```
-----
Rx State       : On
```

DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.050061 GHz
Symbol Rate : 30.000407 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 : 14.6 dB
Input Power : -31 dBm
dvb cr show

Capacity parameters per channel:

Channel CRA[kbps] Allocated[kbps]
0 0 3

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)