

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31028525-MG

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS2)
IDU Output Power     : -20.2 dBm
ODU Output Power     : 32.2 dBm
EIRP                 : 45.5 dBW
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction     : -44 us (250593 us)
Frequency correction : 10 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
0	0	15.000000	12.059000	DVB-S2	102	0	0.0 E		Enable
1	1	9.320000	12.055825	DVB-S2	4	0	0.0 E		Yes
6	6	25.333333	12.050000	DVB-S2	102	0	0.0 E		Yes
7	7	30.000000	12.050000	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 : 12.049830 GHz  
 Symbol Rate : 25.332897 Msps  
 S2 ModCod  
 - receiving : 15 8PSK-5/6  
 - current max : 20 16APSK-4/5  
 Pilot : On  
 Frame length : Short  
 DVB S2 Mode : ACM  
 DVB S2 Stream type : MPEG-TS  
 Roll off : 0.20  
 SNR : 14.4 dB  
 Input Power : -15 dBm

The screenshot displays the SatLink VSAT web interface on the left and a terminal window on the right. The web interface shows the device status for a SatLink 2000, including software version 15.0.1.57, LAN MAC address 00:20:0e:10:5e:a1, and system name VIVO-PER-31028525-MG. The terminal window shows a list of ping responses from 8.8.8.8 to the device, with statistics indicating 47 sent, 47 received, and 0 lost packets. The interface also shows the device's IP address 10.29.44.210 and the system's location ITAMARA DIBA/MG.

