

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Bruno Carvalho de Sá

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26037645-PE

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 14.125850 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -19.4 dBm
ODU Output Power     : 35.3 dBm
EIRP                 : 48.3 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction     : -211 us (260906 us)
Frequency correction : 0 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	9.320000	12.055825	DVB-S2	102	0	0.0 E		
Yes									

```
Satellite (DVB) Receiver Status
```

```
-----  
Rx State             : On  
DVB State            : Forward link up  
Network              : 1326, GlobalIP@Telstar-14R  
Frequency            : 12.055827 GHz  
Symbol Rate         : 9.320173 Msps  
S2 ModCod  
  - receiving        : 16    8PSK-8/9  
  - current max      : 16    8PSK-8/9  
Pilot                : On  
Frame length         : Short  
DVB S2 Mode          : ACM  
DVB S2 Stream type   : MPEG-TS  
Roll off             : 0.20  
SNR                  : 14.2 dB  
Input Power          : -29 dBm
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=600 ms  
64 bytes from 8.8.8.8: time=980 ms  
64 bytes from 8.8.8.8: time=730 ms  
64 bytes from 8.8.8.8: time=710 ms  
64 bytes from 8.8.8.8: time=980 ms
```

```
--- ping statistics ---
```

```
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 600/830/1080 ms
```