

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26078643-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     : 34.0 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 14.125750 GHz
ATM mode              : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -19.1 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.1 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -150 us (262202 us)
Frequency correction : -90 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            : 12.056111 GHz  
Symbol Rate          : 9.320401 Msps  
S2 ModCod  
  - receiving         : 14    8PSK-3/4  
  - 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                   : 13.0 dB  
Input Power           : -27 dBm
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=920 ms  
64 bytes from 8.8.8.8: time=860 ms  
64 bytes from 8.8.8.8: time=710 ms  
64 bytes from 8.8.8.8: time=720 ms  
64 bytes from 8.8.8.8: time=690 ms
```

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

```
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 690/970/1920 ms
```

```
#
```

