

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25153218-PB

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -22.5 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -111 us (262534 us)
Frequency correction : 30 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            : 12.056154 GHz
Symbol Rate          : 9.319965 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                   : 13.6 dB
Input Power          : -19 dBm
```

```
IP DVB 10.50.1.134 /32
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=990 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=490 ms
```

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

```
5 packets transmitted, 3 received, 40.00 percent packet loss
rtt min/avg/max = 540/890/1290 ms
```

```
#
```



