

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-22116486-PI

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

## Satellite (DVB) TX Configuration

```
Auto start           : Enabled
BUPC status          : Disabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
Default CW Frequency : 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -20.0 dBm
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -289 us (260047 us)
Frequency correction : 40 Hz
```

```
# dvb rx show
```

# Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
Max Signalling MODCOD : 23    16APSK-9/10
Max Traffic MODCOD    : 28    32APSK-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, T14R Beam
Frequency             : 12.055915 GHz
Symbol Rate          : 9.320159 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                   : 14.7 dB
Input Power           : -32 dBm
```

```
# ping 8.8.8.8 -if 1 -t
# 64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=500 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=560 ms
```

```
IP DVB 172.18.131.196 /32
```