

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-35357820-SP

**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
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -18.5 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 13.5 dB
Header Compression   : Disabled
Timing correction     : -167 us (262211 us)
Frequency correction  : -60 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             : 12.055919 GHz
Symbol Rate          : 9.320023 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                   : 14.9 dB
Input Power           : -26 dBm
#

# ping 8.8.8.8 -if 1 -t
# 64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=560 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=800 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=700 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=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=570 ms

IP DVB 172.18.131.226 /32
```