

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-35280161-SP

**Link kbps**  
256k/128k

**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     : 32.7 dBm
EIRP                 : 46.0 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     : -22.4 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 14.0 dB
```

```
Header Compression : Disabled
Timing correction  : -266 us (262243 us)
Frequency correction: -170 Hz
#
# dvb rx show
```

#### Satellite (DVB) RX Configuration

```
-----
Auto start          : Enabled
Max Traffic MODCOD  : 28    32APSK-9/10
RX watchdog         : 15 minute
```

Idx	Pri	SymbRate[Msp/s]	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          : 12.055793 GHz
Symbol Rate       : 9.320079 Msp/s
S2 ModCod
- receiving        : 16    8PSK-8/9
- current max      : 15    8PSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
DVB S2 Stream type : MPEG-TS
Roll off           : 0.20
SNR                : 12.2 dB
Input Power        : -22 dBm
#
```

IP DVB 172.18.131.194/32

Ping desde dentro da VSAT 8.8.8.8

```
# ping 8.8.8.8 -if 1 -t
# 64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=520 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=610 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=590 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=510 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=580 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=590 ms
64 bytes from 8.8.8.8: time=550 ms
```

