

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23210206-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -22 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 35.1 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 : -21.3 dBm  
ODU Output Power : 35.2 dBm  
EIRP : 46.1 dBW  
Es/No : 13.5 dB  
Header Compression : Disabled  
Timing correction : -101 us (260454 us)  
Frequency correction: -300 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, T14R Beam  
Frequency : 12.055885 GHz  
Symbol Rate : 9.319963 Msps  
S2 ModCod  
- receiving : 13 8PSK-2/3  
- 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               : 12.0 dB
Input Power       : -29 dBm
#
```

```
IP DVB 172.18.131.121/32
```

```
Ping desde dentro da VSAT 8.8.8.8
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 700/720/790 ms
```