

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26062925-PE

**Link kbps**  
256/128

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 14.125850 GHz
ATM mode              : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -22.0 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.4 dBW
Eb/No                : 13.5 dB
Header Compression   : Disabled
Timing correction     : -246 us (262207 us)
Frequency correction : -280 Hz
#
```

# dvb rx show

## Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
Max MODCOD           : 23   16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog          : 15 minute
```

```
Idx  Pri  SymbRate[Mbps] Freq[GHz]  Mode   PopId  Enable
* 0  0      9.320000      12.055825 DVB-S2 4      Yes
```

#### Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055831 GHz
Symbol Rate          : 9.319965 Msps
S2 ModCod
```

```
  - receiving        : 16   8PSK-8/9
  - current max       : 23   16APSK-9/10
```

```
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.3 dB
Input Power          : -22 dBm
```

```
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=800 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=620 ms
```

```
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 620/740/820 ms
#
```