

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Alexandre Cruz

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31076902-MG

**Link kbps**  
256/128

**Plataforma**  
VSAT



```
# 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             : 12.055829 GHz
Symbol Rate           : 9.319974 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               : 14.5 dB
Input Power       : -27 dBm
#
```

```
# dvb tx show
```

#### Satellite (DVB) TX Configuration

```
-----
Auto start        : Enabled
IDU Output Power  : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power  : -23.0
EIRP              : 47
Default CW Frequency: 0.000000 GHz
ATM mode          : VC-Mux
Header Compression : None
```

#### Satellite (DVB) Transmitter Status

```
-----
State             : On (TDMA)
IDU Output Power  : -15.2 dBm
ODU Output Power  : 34.7 dBm
EIRP              : 48.0 dBW
Es/No             : 14.1 dB
Header Compression : Disabled
Timing correction  : -220 us (262548 us)
Frequency correction: -160 Hz
#
```

```
IP DVB 10.53.0.95/32
```

```
Ping desde o MGMT- Server ao IP de trafego e para o DVB.
```

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

```
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1190 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=910 ms
```