

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Alexandre Cruz

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23056940-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# 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     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

```
Satellite (DVB) Transmitter Status
```

```
-----
State                : On (TDMA)
IDU Output Power     : -26.5 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction     : -114 us (262473 us)
Frequency correction : -310 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            : 12.055923 GHz
Symbol Rate          : 9.319996 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                   : 14.7 dB
Input Power          : -23 dBm
#
```

IP DVB 10.53.0.123/32

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=1320 ms
64 bytes from 8.8.8.8: time=890 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=730 ms
```