

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31093858-MG

**Link kbps**  
256/128

**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     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -19.5 dBm
ODU Output Power     : 34.8 dBm
EIRP                 : 48.1 dBW
Eb/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -203 us (260875 us)
Frequency correction : -180 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	12.055285	DVB-S2	4	Yes
1	1	0.000000	0.000000	DVB-S2	2	No

#### Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055738 GHz
Symbol Rate          : 9.319881 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                  : 14.4 dB
Input Power          : -28 dBm
#
```

```
IP DVB 10.53.0.170/32
```

```
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=1910 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=910 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 590/1040/1910 ms
#
```