

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23098180-CE

**Link kbps**  
256/128

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power    : -15 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     : -22.2 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -261 us (260562 us)
Frequency correction : -70 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[Msp/s]	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 : 12.055890 GHz  
Symbol Rate : 9.319823 Msp/s  
S2 ModCod

- receiving : 1 QPSK-1/4  
- current max : 23 16APSK-9/10

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 14.0 dB  
Input Power : -23 dBm

# ping 8.8.8.8

64 bytes from 8.8.8.8: time=770 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=800 ms  
64 bytes from 8.8.8.8: time=700 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 700/730/800 ms

#