

**Solicitante:** VIVO- Projeto Escolas Rurais

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

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23167360-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     : 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     : -25.1 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Eb/No                : 13.0 dB
Header Compression   : Disabled
Timing correction     : -22 us (260014 us)
Frequency correction : -540 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 : 12.055380 GHz  
Symbol Rate : 9.319834 Msps  
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 : 14.7 dB  
Input Power : -23 dBm

#  
# ping 8.8.8.8  
64 bytes from 8.8.8.8: time=650 ms  
64 bytes from 8.8.8.8: time=700 ms  
64 bytes from 8.8.8.8: time=680 ms  
64 bytes from 8.8.8.8: time=630 ms  
64 bytes from 8.8.8.8: time=740 ms  
  
--- 8.8.8.8 ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 630/670/740 ms

#