

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Bruno Carvalho

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23170166-CE

**Link kbps** 256/128

**Plataforma** VSAT



## 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 : 12.055909 GHz  
Symbol Rate : 9.319954 Msps  
S2 ModCod  
- receiving : 6 QPSK-2/3  
- 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 : -27 dBm

# Satellite (DVB) TX Configuration

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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 : -18.0 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Eb/No : 15.5 dB  
Header Compression : Disabled  
Timing correction : -184 us (261045 us)  
Frequency correction: -390 Hz

IP 10.50.0.8 /32

ping 8.8.8.8

64 bytes from 8.8.8.8: time=750 ms  
64 bytes from 8.8.8.8: time=650 ms  
64 bytes from 8.8.8.8: time=570 ms  
64 bytes from 8.8.8.8: time=650 ms  
64 bytes from 8.8.8.8: time=900 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 570/700/900 ms

