

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogério Momi Frias

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-27221601-AL

**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	
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 : 12.055972 GHz  
Symbol Rate : 9.319896 Msps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- current max : 23 16APSK-9/10  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 15.4 dB  
Input Power : -22 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

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State : On (TDMA)  
IDU Output Power : -20.7 dBm  
ODU Output Power : 34.1 dBm  
EIRP : 47.4 dBW  
Eb/No : 15.0 dB  
Header Compression : Disabled  
Timing correction : -101 us (262321 us)  
Frequency correction: -440 Hz

ping 8.8.8.8

64 bytes from 8.8.8.8: time=980 ms  
64 bytes from 8.8.8.8: time=550 ms  
64 bytes from 8.8.8.8: time=860 ms  
64 bytes from 8.8.8.8: time=670 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 = 550/750/980 ms