

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogério Momi Frias

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31020788-MG

**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 : 12.056028 GHz  
Symbol Rate : 9.319889 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 : 0.20  
SNR : 13.7 dB  
Input Power : -28 dBm

#### Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -35 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 : -19.9 dBm  
ODU Output Power : 32.0 dBm  
EIRP : 46.3 dBW  
Es/No : 14.5 dB  
Header Compression : Disabled  
Timing correction : -232 us (262445 us)  
Frequency correction: 30 Hz

ping 8.8.8.8

64 bytes from 8.8.8.8: time=660 ms  
64 bytes from 8.8.8.8: time=830 ms  
64 bytes from 8.8.8.8: time=880 ms  
64 bytes from 8.8.8.8: time=570 ms  
64 bytes from 8.8.8.8: time=620 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 570/710/880 ms