

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogerio Momi Frias

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31169820-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

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055517 GHz  
Symbol Rate : 9.319842 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 : 14.9 dB  
Input Power : -30 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 : -20.0 dBm  
ODU Output Power : 34.3 dBm  
EIRP : 47.6 dBW  
Eb/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -250 us (260686 us)  
Frequency correction: -250 Hz

Pinging 10.50.0.11 with 32 bytes of data:

Reply from 10.50.0.11: bytes=32 time=991ms TTL=61  
Reply from 10.50.0.11: bytes=32 time=1007ms TTL=61  
Reply from 10.50.0.11: bytes=32 time=638ms TTL=61  
Reply from 10.50.0.11: bytes=32 time=3142ms TTL=61

Ping statistics for 10.50.0.11:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 638ms, Maximum = 3142ms, Average = 1444ms

Pinging 10.29.6.89 with 32 bytes of data:

Reply from 10.29.6.89: bytes=32 time=1611ms TTL=61  
Reply from 10.29.6.89: bytes=32 time=908ms TTL=61  
Reply from 10.29.6.89: bytes=32 time=830ms TTL=61  
Reply from 10.29.6.89: bytes=32 time=1673ms TTL=61

Ping statistics for 10.29.6.89:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 830ms, Maximum = 1673ms, Average = 1255ms

ping 8.8.8.8

64 bytes from 8.8.8.8: time=950 ms  
64 bytes from 8.8.8.8: time=960 ms  
64 bytes from 8.8.8.8: time=890 ms  
64 bytes from 8.8.8.8: time=1880 ms  
64 bytes from 8.8.8.8: time=870 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 870/1100/1880 ms