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**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogerio Momi Frias

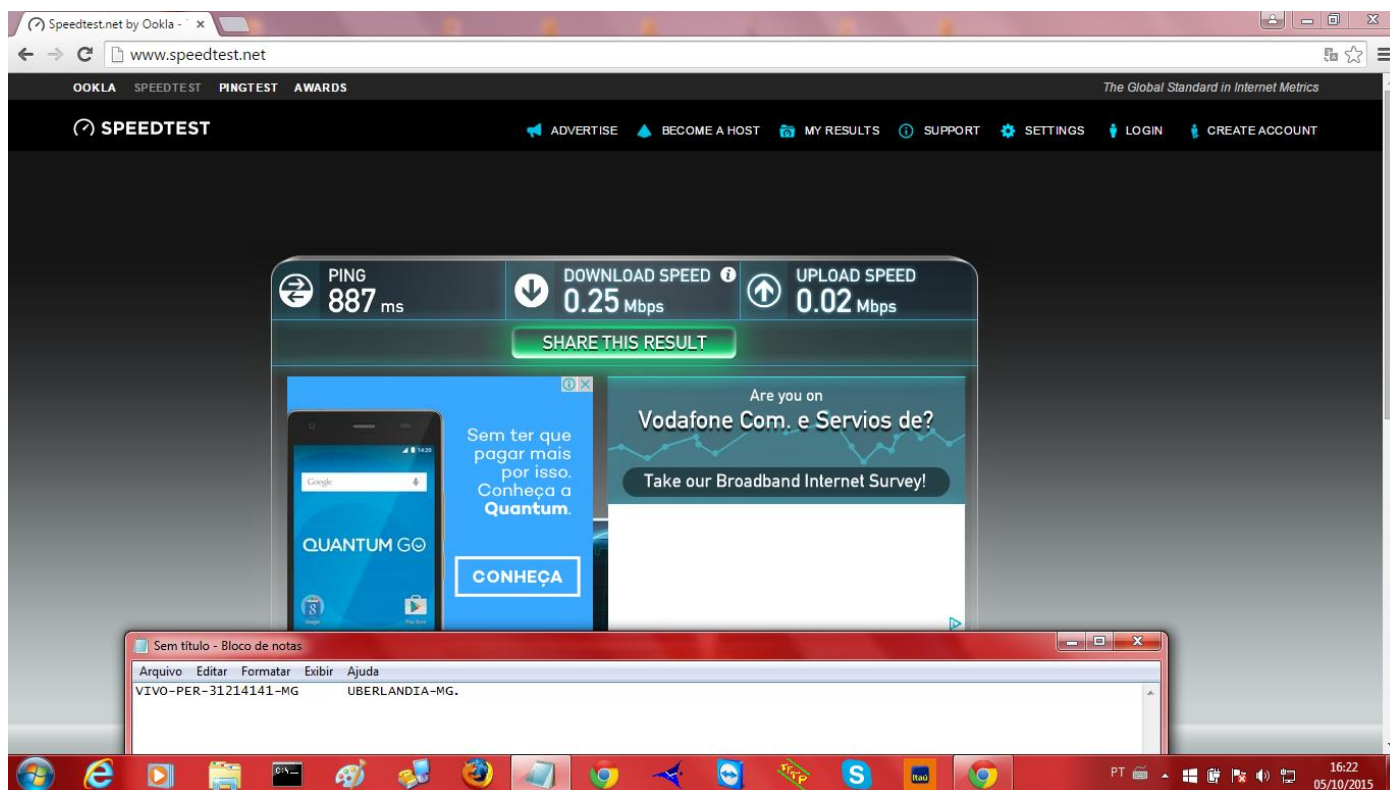
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31214141-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	PoplId	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 : 12.055775 GHz  
Symbol Rate : 9.319800 Msps  
S2 ModCod  
- receiving : 16 8PSK-8/9  
- current max : 23 16APSK-9/10  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 14.5 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 : -16.6 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Eb/No : 14.5 dB  
Header Compression : Disabled  
Timing correction : -264 us (260575 us)  
Frequency correction: -240 Hz

Pinging 10.53.1.13 with 32 bytes of data:

Reply from 10.53.1.13: bytes=32 time=1362ms TTL=61  
Reply from 10.53.1.13: bytes=32 time=916ms TTL=61  
Reply from 10.53.1.13: bytes=32 time=2132ms TTL=61  
Reply from 10.53.1.13: bytes=32 time=737ms TTL=61

Ping statistics for 10.53.1.13:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 737ms, Maximum = 2132ms, Average = 1286ms

Pinging 10.29.5.113 with 32 bytes of data:

Reply from 10.29.5.113: bytes=32 time=1627ms TTL=61  
Reply from 10.29.5.113: bytes=32 time=1866ms TTL=61  
Reply from 10.29.5.113: bytes=32 time=932ms TTL=61  
Reply from 10.29.5.113: bytes=32 time=2477ms TTL=61

Ping statistics for 10.29.5.113:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 932ms, Maximum = 2477ms, Average = 1725ms

ping 8.8.8.8

64 bytes from 8.8.8.8: time=890 ms  
64 bytes from 8.8.8.8: time=550 ms  
64 bytes from 8.8.8.8: time=510 ms  
64 bytes from 8.8.8.8: time=860 ms  
64 bytes from 8.8.8.8: time=1260 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 510/810/1260 ms