

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogério Momi Frias

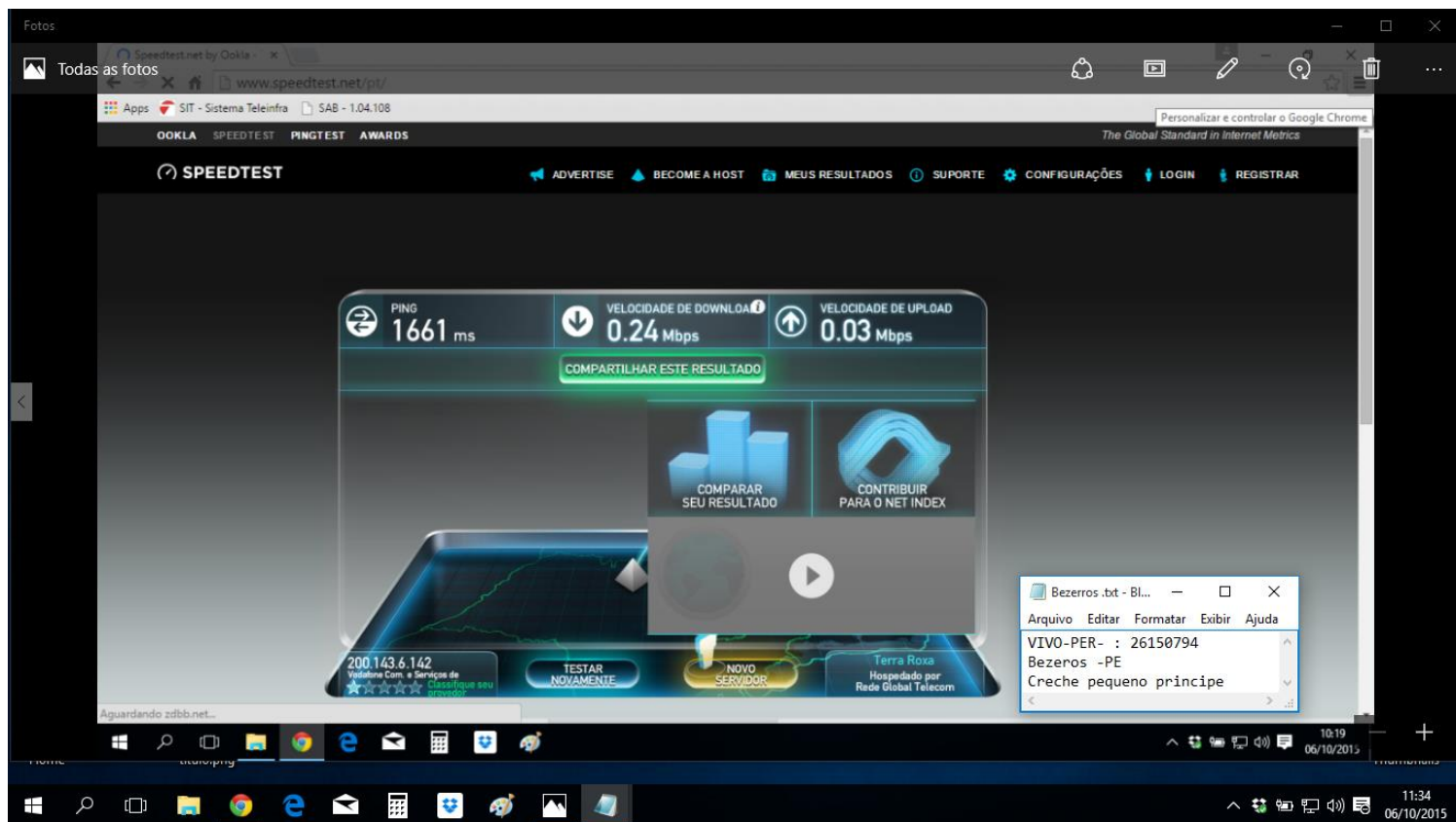
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26150794-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 : 12.055754 GHz  
Symbol Rate : 9.319912 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 : 14.6 dB  
Input Power : -32 dBm

## Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -20 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.9 dBm  
EIRP : 47.2 dBW  
Default CW Frequency: 14.125500 GHz  
ATM mode : VC-Mux  
Header Compression : None

## Satellite (DVB) Transmitter Status

-----  
State : On (TDMA)  
IDU Output Power : -19.8 dBm  
ODU Output Power : 34.0 dBm  
EIRP : 47.3 dBW  
Eb/No : 14.5 dB  
Header Compression : Disabled  
Timing correction : -103 us (262434 us)  
Frequency correction: -330 Hz

Pinging 10.53.0.48 with 32 bytes of data:

Reply from 10.53.0.48: bytes=32 time=1675ms TTL=61  
Reply from 10.53.0.48: bytes=32 time=621ms TTL=61  
Reply from 10.53.0.48: bytes=32 time=652ms TTL=61  
Reply from 10.53.0.48: bytes=32 time=573ms TTL=61

Ping statistics for 10.53.0.48:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 573ms, Maximum = 1675ms, Average = 880ms

Pinging 10.29.0.49 with 32 bytes of data:

Reply from 10.29.0.49: bytes=32 time=603ms TTL=61  
Reply from 10.29.0.49: bytes=32 time=556ms TTL=61  
Reply from 10.29.0.49: bytes=32 time=1201ms TTL=61  
Reply from 10.29.0.49: bytes=32 time=547ms TTL=61

Ping statistics for 10.29.0.49:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 547ms, Maximum = 1201ms, Average = 726ms

ping 8.8.8.8

64 bytes from 8.8.8.8: time=1490 ms  
64 bytes from 8.8.8.8: time=1330 ms  
64 bytes from 8.8.8.8: time=530 ms  
64 bytes from 8.8.8.8: time=620 ms  
64 bytes from 8.8.8.8: time=630 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 530/910/1490 ms