

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Hernan Martins Alves

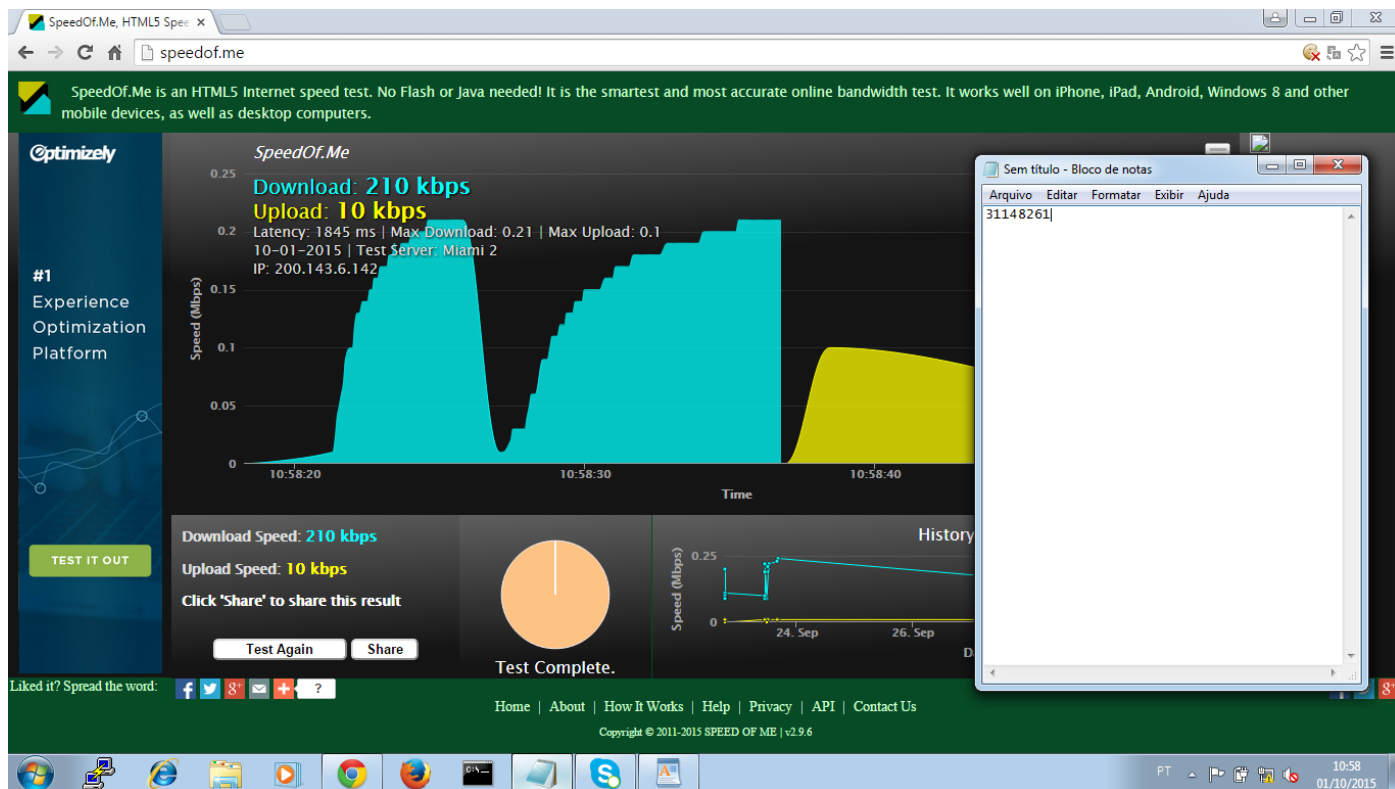
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER- 31148261-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	Sat[Id/Pos]	Enable
* 0	0	9.320000	12.055825	DVB-S2 4		0/ 0.0 E	Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055353 GHz  
Symbol Rate : 9.320053 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- current max : 16 8PSK-8/9  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.4 dB  
Input Power : -29 dBm

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.7 dBm  
EIRP : 47.0 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

# Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS)  
IDU Output Power : -15.9 dBm  
ODU Output Power : 33.9 dBm  
EIRP : 47.2 dBW  
Eb/No : 16.5 dB  
Header Compression : Disabled  
Timing correction : -337 us (262058 us)  
Frequency correction: -180 Hz

IP DVB 10.53.0.248/32

Pinging 10.53.0.248 with 32 bytes of data:

Reply from 10.53.0.248: bytes=32 time=698ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=614ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=724ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=623ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=722ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=653ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=641ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=662ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=578ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=582ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=598ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=702ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=619ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=620ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=639ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=553ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=556ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=577ms TTL=61  
Reply from 10.53.0.248: bytes=32 time=676ms TTL=61

Ping statistics for 10.53.0.248:

Packets: Sent = 20, Received = 19, Lost = 1 (5% loss),

Approximate round trip times in milli-seconds:

Minimum = 553ms, Maximum = 724ms, Average = 633ms

# ping 8.8.8.8

64 bytes from 8.8.8.8: time=1680 ms

64 bytes from 8.8.8.8: time=600 ms

64 bytes from 8.8.8.8: time=850 ms

64 bytes from 8.8.8.8: time=750 ms

64 bytes from 8.8.8.8: time=630 ms

--- ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss

rtt min/avg/max = 600/900/1680 ms