

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

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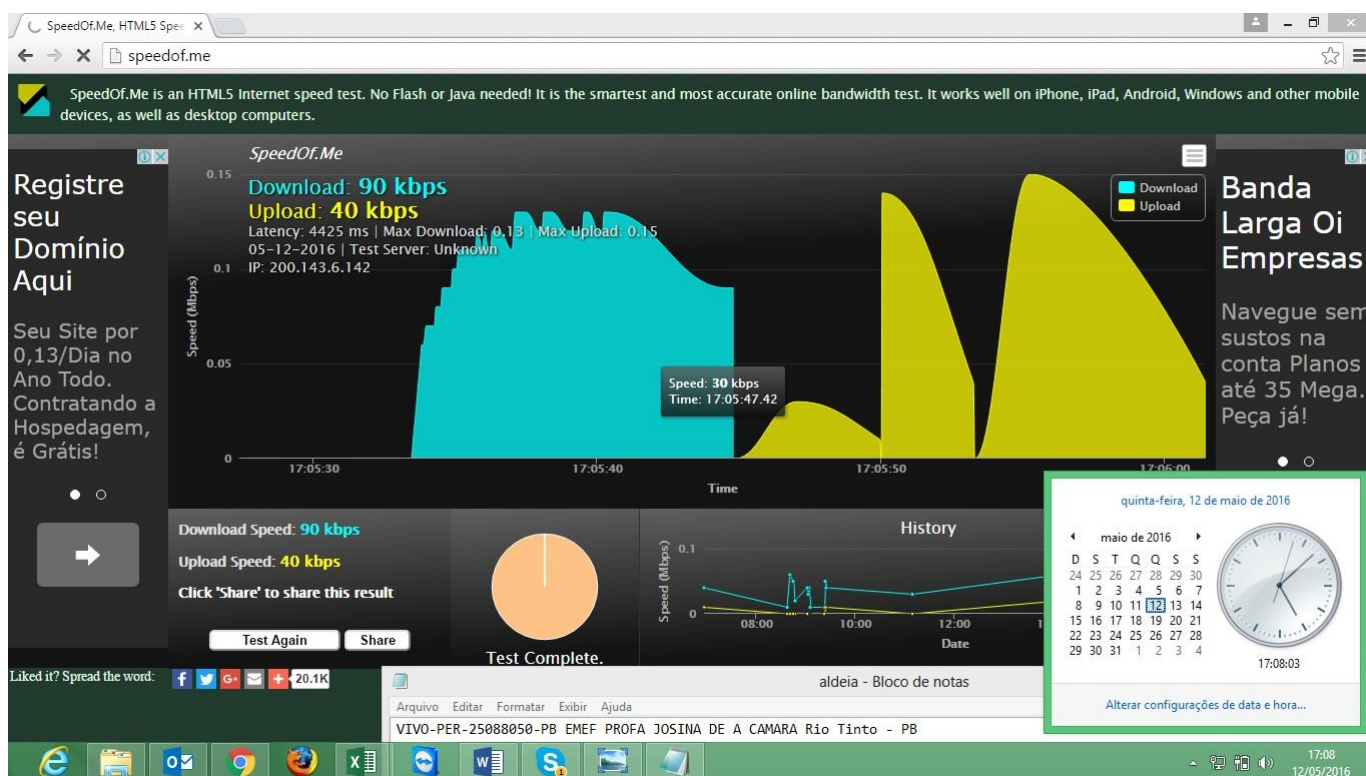
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25088050-PB

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Disabled
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

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -21.9 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 15.0 dB
Header Compression   : Disabled
Timing correction    : -135 us (262456 us)
Frequency correction : -10 Hz
```

# dvb rx show

Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
```

Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name		Enable						
* 0	0	9.320000	12.055825	DVB-S2	102	0	0.0 E	
		Yes						

Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.056033 GHz  
Symbol Rate : 9.320062 Msps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- current max : 16 8PSK-8/9  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 14.2 dB  
Input Power : -23 dBm

IP DVB 10.50.1.119/32

**Ping desde o MGMT- Server ao IP de trafego e para o DVB.**

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.119

Pinging 10.50.1.119 with 32 bytes of data:

Reply from 10.50.1.119: bytes=32 time=610ms TTL=62  
Reply from 10.50.1.119: bytes=32 time=535ms TTL=62  
Reply from 10.50.1.119: bytes=32 time=640ms TTL=62  
Reply from 10.50.1.119: bytes=32 time=560ms TTL=62

Ping statistics for 10.50.1.119:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 535ms, Maximum = 640ms, Average = 587ms

**Ping desde dentro da VSAT 8.8.8.8**

# 64 bytes from 8.8.8.8: time=510 ms  
64 bytes from 8.8.8.8: time=520 ms  
64 bytes from 8.8.8.8: time=530 ms  
64 bytes from 8.8.8.8: time=550 ms  
64 bytes from 8.8.8.8: time=540 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 510/530/550 ms