

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

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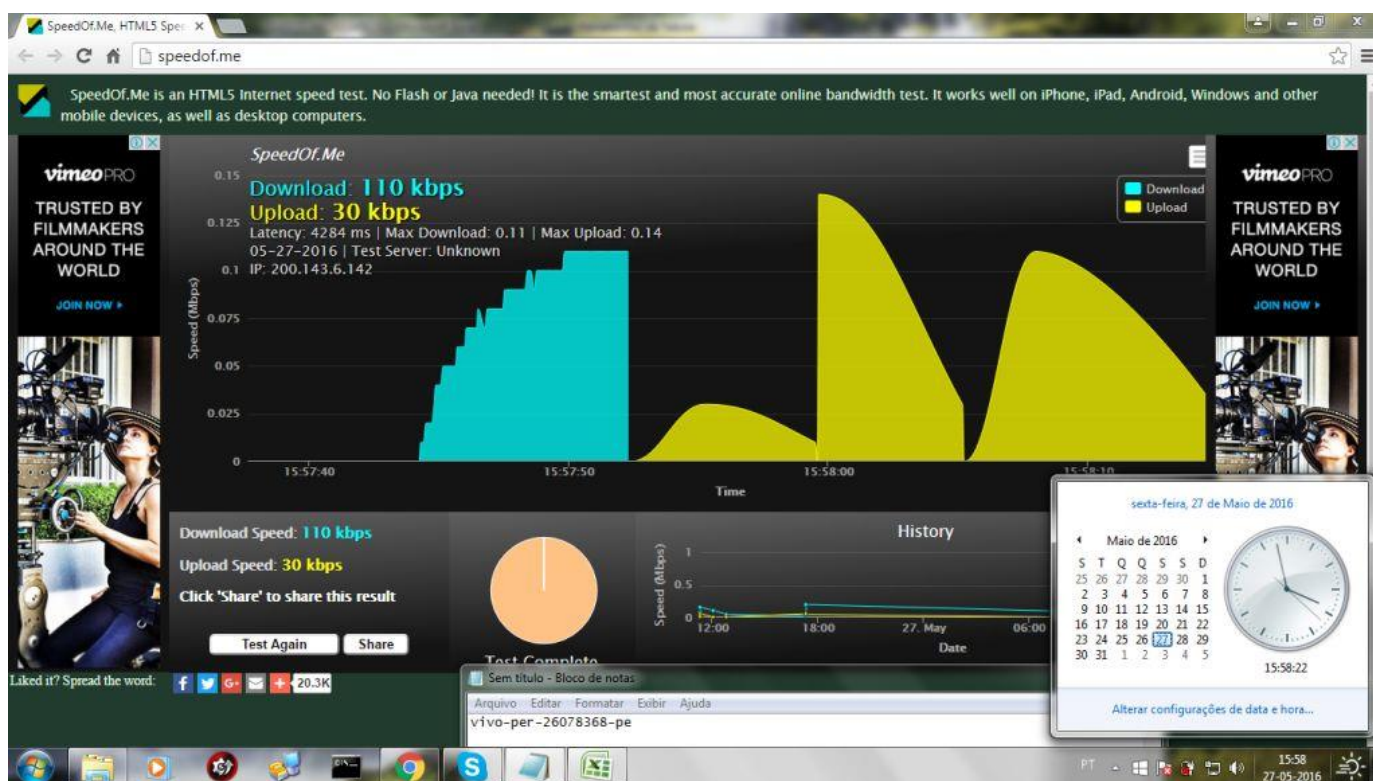
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26078368-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tx show
```

## Satellite (DVB) TX Configuration

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

## Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -19.1 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 48.6 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -176 us (262201 us)
Frequency correction : -60 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            : 12.056085 GHz
Symbol Rate          : 9.320029 Msps
S2 ModCod
- receiving          : 16   8PSK-8/9
- 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                   : 14.4 dB
Input Power          : -21 dBm
```

```
#
```

```
IP DVB 10.50.1.180/32
```

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

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.180
```

```
Pinging 10.50.1.180 with 32 bytes of data:
```

```
Reply from 10.50.1.180: bytes=32 time=841ms TTL=62
Reply from 10.50.1.180: bytes=32 time=948ms TTL=62
Reply from 10.50.1.180: bytes=32 time=578ms TTL=62
Reply from 10.50.1.180: bytes=32 time=601ms TTL=62
```

```
Ping statistics for 10.50.1.180:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 578ms, Maximum = 948ms, Average = 742ms
```

**Ping desde dentro da VSAT 8.8.8.8**

```
# 64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
```

```
--- ping statistics ---
```

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 550/670/720 ms
```