

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

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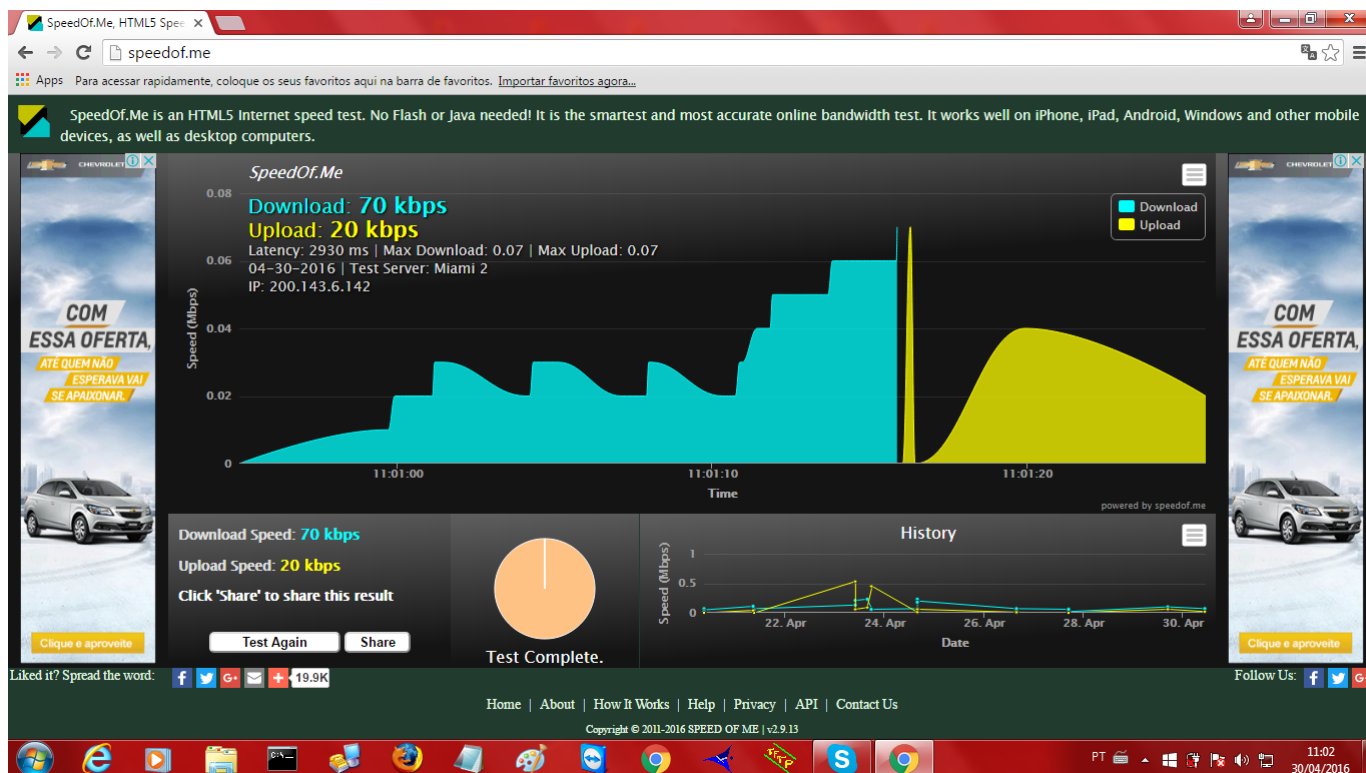
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31086401-MG

**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     : -18.9 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.4 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -266 us (260935 us)
Frequency correction  : 200 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            : 12.055702 GHz
Symbol Rate          : 9.319922 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                  : 14.0 dB
Input Power          : -24 dBm
```

#

IP DVB 10.50.1.53/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.53

Pinging 10.50.1.53 with 32 bytes of data:

```
Reply from 10.50.1.53: bytes=32 time=590ms TTL=62
Reply from 10.50.1.53: bytes=32 time=978ms TTL=62
Reply from 10.50.1.53: bytes=32 time=711ms TTL=62
Reply from 10.50.1.53: bytes=32 time=640ms TTL=62
```

Ping statistics for 10.50.1.53:

```
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 590ms, Maximum = 978ms, Average = 729ms
```

#### Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=870 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=710 ms
```

--- ping statistics ---

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 660/730/870 ms
```