

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

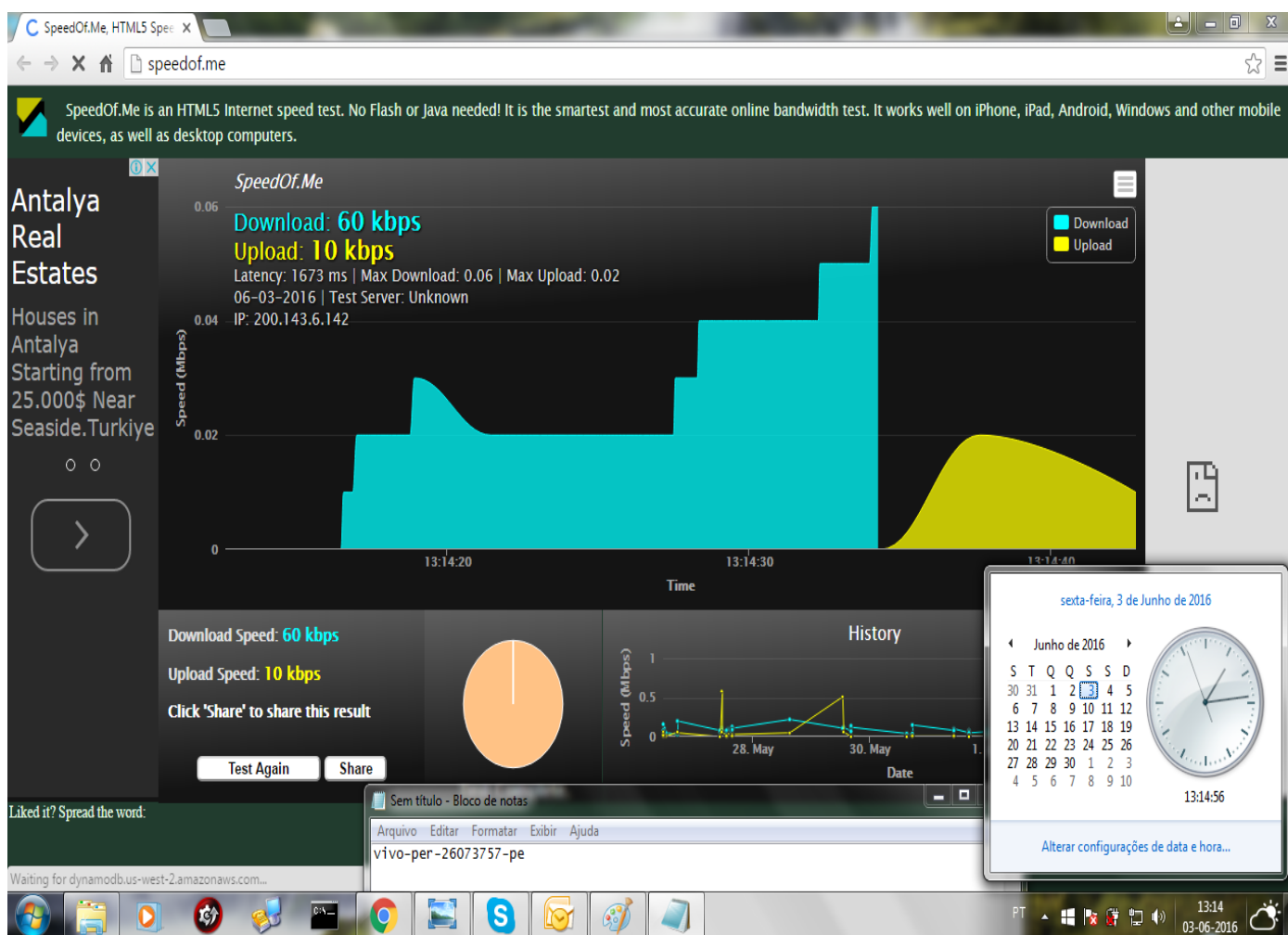
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26073757-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```

Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None
  
```

Satellite (DVB) Transmitter Status

```

State                : On   (DVB-RCS)
IDU Output Power     : -19.6 dBm
  
```

```
ODU Output Power      : 34.8 dBm
EIRP                  : 47.8 dBW
Es/No                 : 12.0 dB
Header Compression    : Disabled
Timing correction     : -203 us (262067 us)
Frequency correction  : 40 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[Msps] | 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            : 12.055950 GHz
Symbol Rate          : 9.320067 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                  : 13.4 dB
Input Power          : -23 dBm
```

```
#
```

IP DVB 10.50.2.10/32

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

Ping desde dentro da VSAT 8.8.8.8

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=1110 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=960 ms
```

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

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 690/890/1110 ms
```

```
#
```