

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

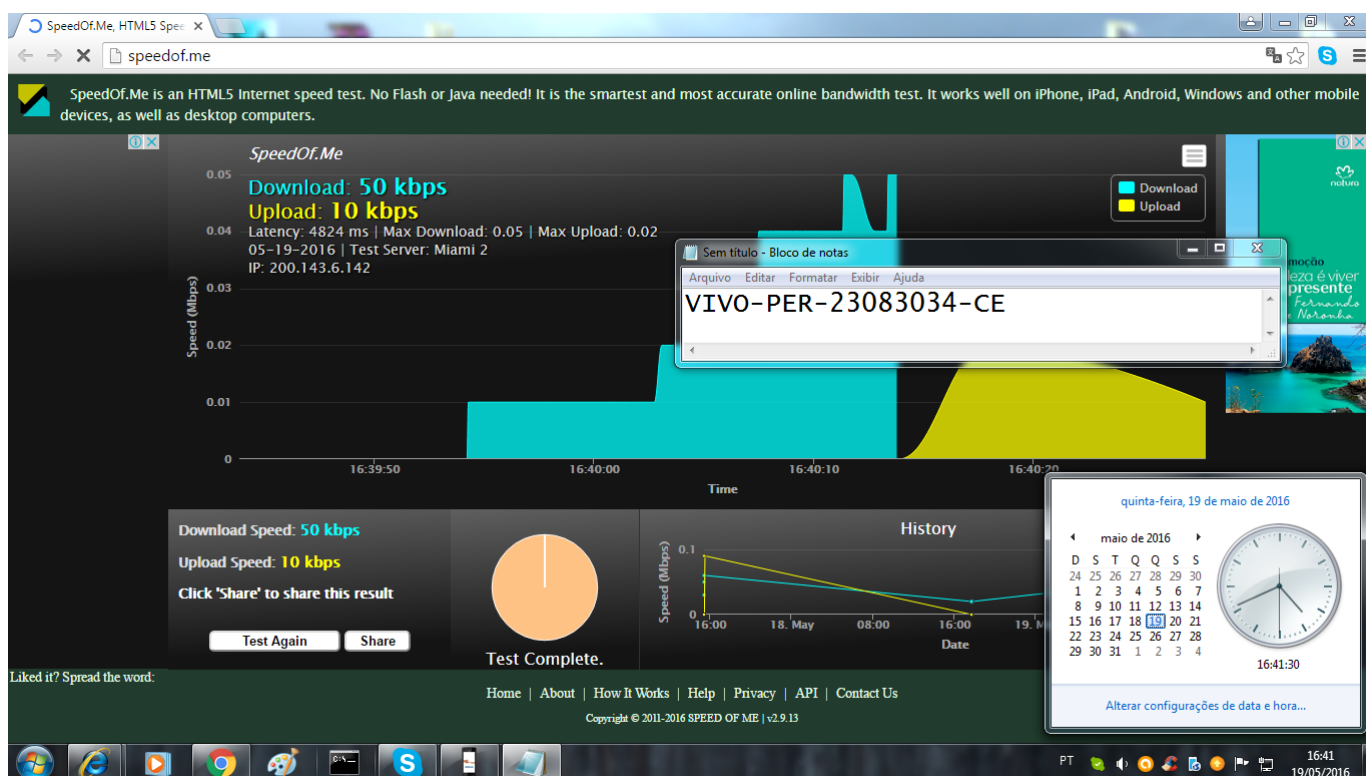
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23083034-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Disabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 46.5 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     : -22.6 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 45.9 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -145 us (260861 us)
Frequency correction : 80 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            : 12.056071 GHz
Symbol Rate          : 9.319843 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                  : 13.3 dB
Input Power          : -24 dBm
#
```

IP DVB 10.50.1.146/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.146

Pinging 10.50.1.146 with 32 bytes of data:

```
Reply from 10.50.1.146: bytes=32 time=1913ms TTL=62
Reply from 10.50.1.146: bytes=32 time=553ms TTL=62
Reply from 10.50.1.146: bytes=32 time=660ms TTL=62
Reply from 10.50.1.146: bytes=32 time=579ms TTL=62
```

Ping statistics for 10.50.1.146:

```
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 553ms, Maximum = 1913ms, Average = 926ms
```

#### **Ping desde dentro da VSAT 8.8.8.8**

```
# 64 bytes from 8.8.8.8: time=2170 ms
64 bytes from 8.8.8.8: time=2200 ms
64 bytes from 8.8.8.8: time=1910 ms
64 bytes from 8.8.8.8: time=2190 ms
64 bytes from 8.8.8.8: time=2600 ms
```

--- ping statistics ---

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 1910/2210/2600 ms
```