

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

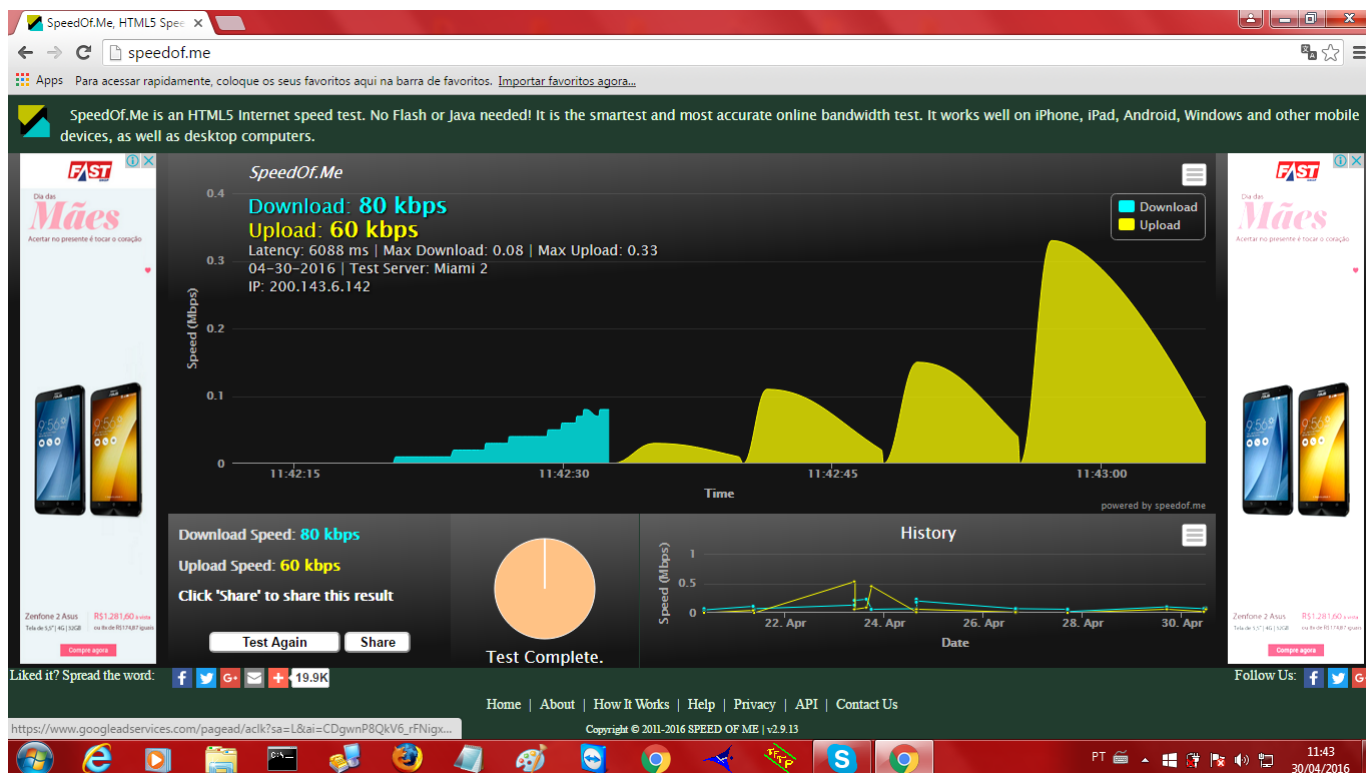
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31086681-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     : -21.8 dBm  
ODU Output Power     : 35.0 dBm  
EIRP                 : 48.3 dBW  
Es/No                : 14.5 dB  
Header Compression   : Disabled  
Timing correction    : -270 us (260935 us)  
Frequency correction : 190 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 : 12.055835 GHz  
Symbol Rate : 9.320026 Mbps  
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 : 14.7 dB  
Input Power : -22 dBm

IP DVB 10.50.1.114/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.114

Pinging 10.50.1.114 with 32 bytes of data:

Reply from 10.50.1.114: bytes=32 time=750ms TTL=62  
Reply from 10.50.1.114: bytes=32 time=549ms TTL=62  
Reply from 10.50.1.114: bytes=32 time=655ms TTL=62  
Reply from 10.50.1.114: bytes=32 time=521ms TTL=62

Ping statistics for 10.50.1.114:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 521ms, Maximum = 750ms, Average = 618ms

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

Ping desde dentro da VSAT 8.8.8.8

# 64 bytes from 8.8.8.8: time=750 ms  
64 bytes from 8.8.8.8: time=710 ms  
64 bytes from 8.8.8.8: time=720 ms  
64 bytes from 8.8.8.8: time=720 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 = 710/720/750 ms