

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

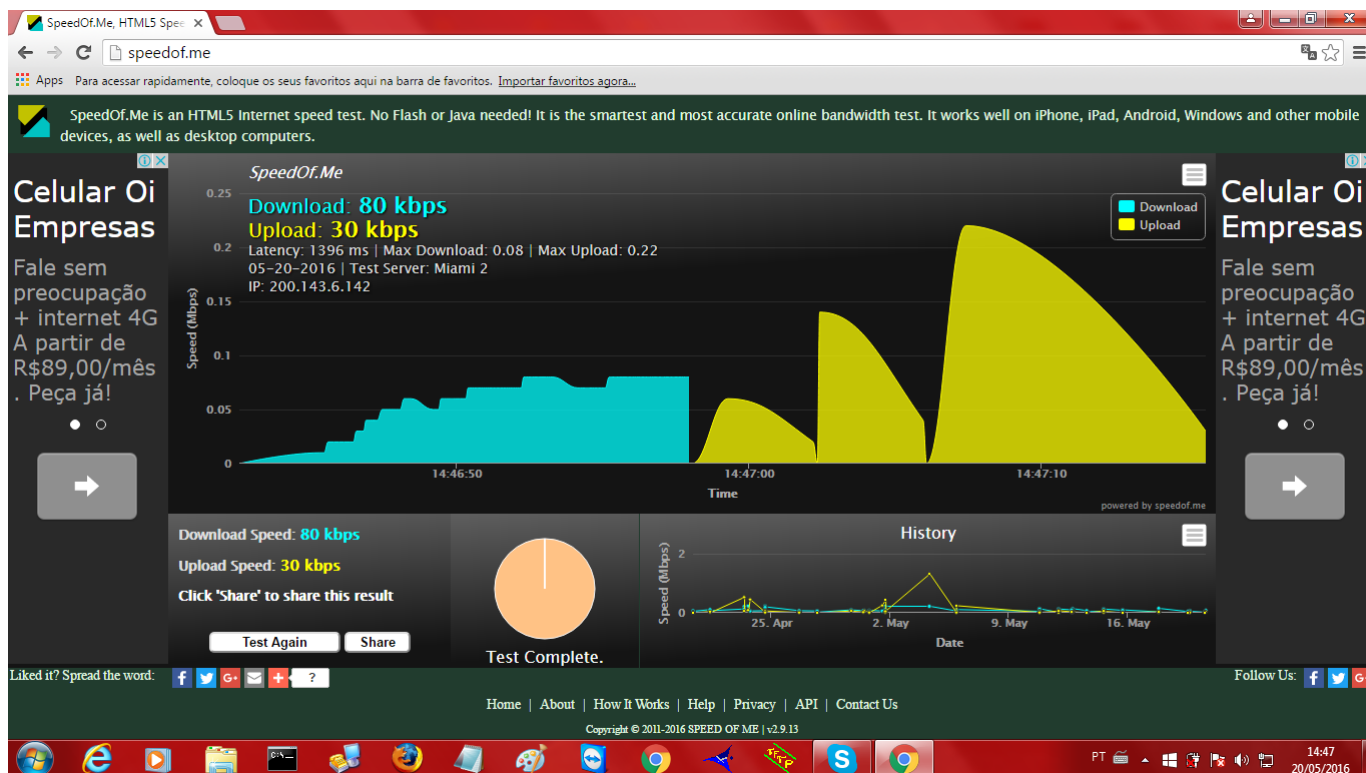
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25057650-PB

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

```
Satellite (DVB) TX Configuration
```

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 46.0 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     : -21.7 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 46.1 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -246 us (262061 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[Msp/s]	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            : 12.055732 GHz
Symbol Rate          : 9.319908 Msp/s
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                   : 13.3 dB
Input Power          : -25 dBm
```

```
IP DVB 10.53.0.20/32
```

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

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.20
```

```
Pinging 10.53.0.20 with 32 bytes of data:
```

```
Reply from 10.53.0.20: bytes=32 time=570ms TTL=62
Reply from 10.53.0.20: bytes=32 time=870ms TTL=62
Reply from 10.53.0.20: bytes=32 time=607ms TTL=62
Reply from 10.53.0.20: bytes=32 time=529ms TTL=62
```

```
Ping statistics for 10.53.0.20:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 870ms, Average = 644ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=810 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=1070 ms
```

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

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 560/770/1070 ms
```