

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

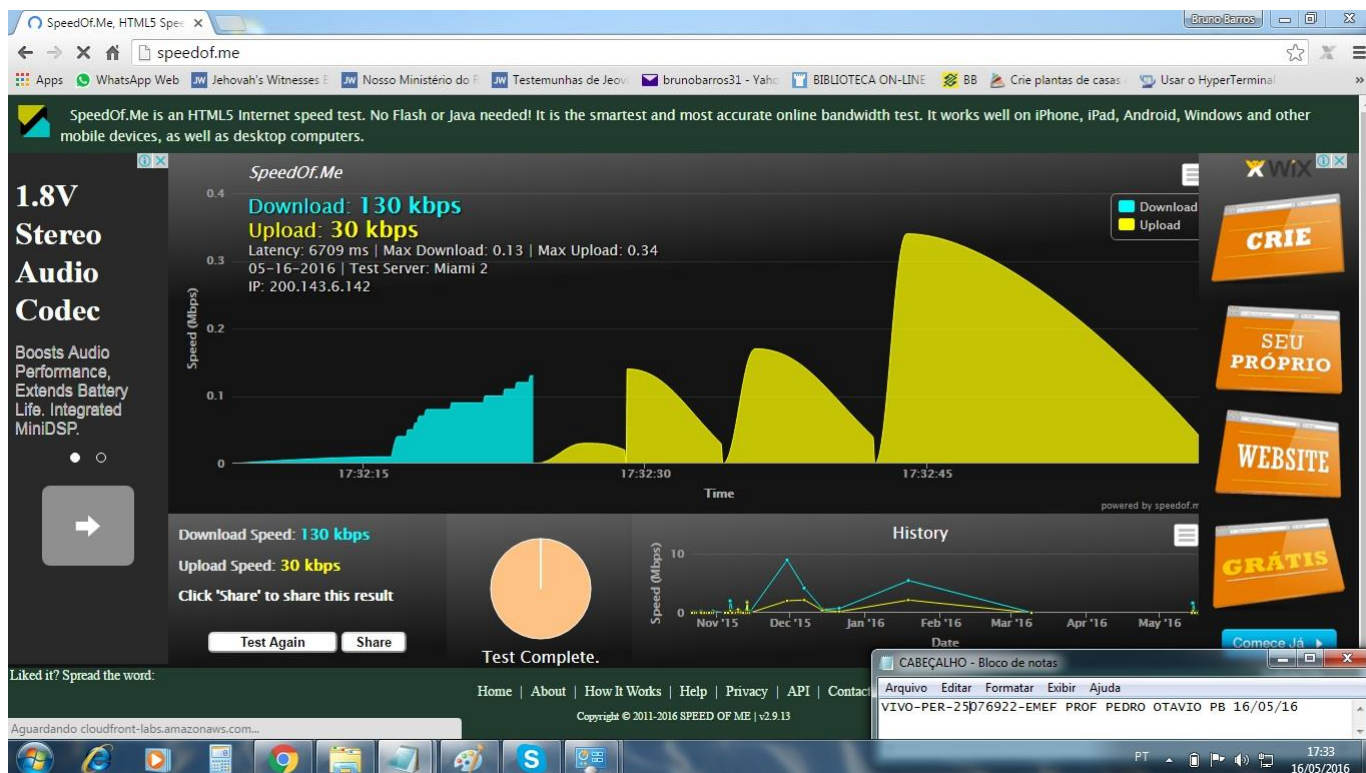
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25076922-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     : 33.2 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     : -24.6 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction     : -134 us (262141 us)
Frequency correction  : 70 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            : 12.055976 GHz
Symbol Rate          : 9.320001 Msps
S2 ModCod
- receiving          : 1     QPSK-1/4
- 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                  : 13.9 dB
Input Power          : -18 dBm
```

IP DVB 10.50.1.133/32

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

c:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.133

Pinging 10.50.1.133 with 32 bytes of data:

```
Reply from 10.50.1.133: bytes=32 time=1902ms TTL=62
Reply from 10.50.1.133: bytes=32 time=559ms TTL=62
Reply from 10.50.1.133: bytes=32 time=697ms TTL=62
Reply from 10.50.1.133: bytes=32 time=581ms TTL=62
```

Ping statistics for 10.50.1.133:

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 559ms, Maximum = 1902ms, Average = 934ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=510 ms
64 bytes from 8.8.8.8: time=620 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=700 ms
```

--- 8.8.8.8 ping statistics ---

```
5 packets transmitted, 5 received,   0.00 percent packet loss
rtt min/avg/max = 510/530/550 ms
```