

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

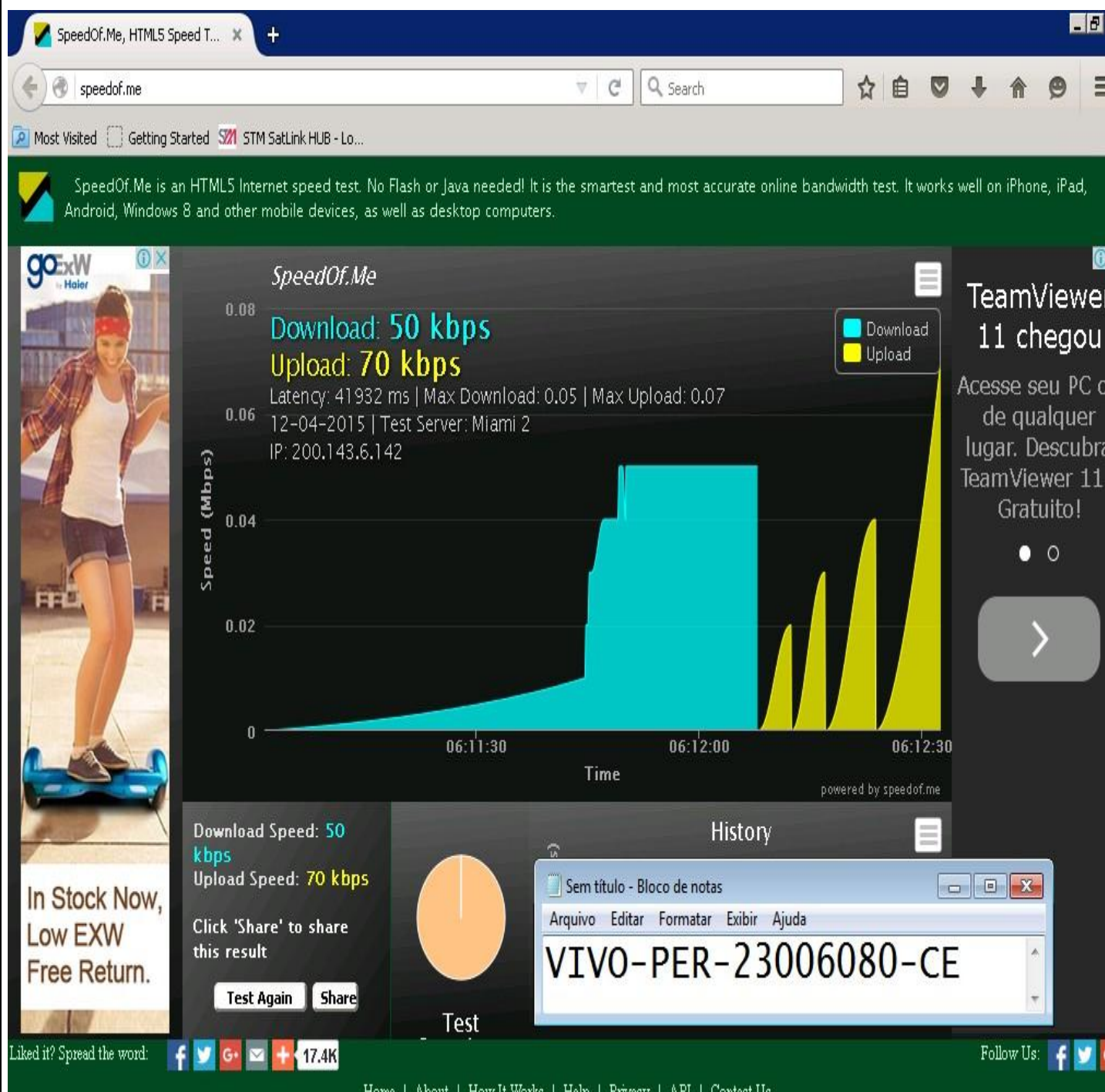
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23006080-CE

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start          : Enabled
IDU Output Power    : -24 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  : None
```

Satellite (DVB) Transmitter Status

```
-----
State               : On (TDMA)
IDU Output Power    : -22.2 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 46.8 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -217 us (260461 us)
Frequency correction: 20 Hz
# dvb rx show
```

Satellite (DVB) RX Configuration

```
-----
Auto start          : Enabled
Max MODCOD          : 23    16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog         : 15 minute
```

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2	102	Yes
4	4	9.320000	12.055825	DVB-S2	4	No

Satellite (DVB) Receiver Status

```
-----
Rx State            : On
DVB State           : Forward link up
Network             : 1326, GlobalIP@Telstar-14R
Frequency           : 12.055839 GHz
Symbol Rate         : 9.319904 Msp/s
S2 ModCod
- receiving         : 16    8PSK-8/9
- current max       : 23    16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 14.0 dB
Input Power         : -20 dBm
#
```

IP DVB 10.50.0.9/32

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=760 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=590 ms
```

64 bytes from 8.8.8.8: time=510 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss

rtt min/avg/max = 510/590/760 ms

#