

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

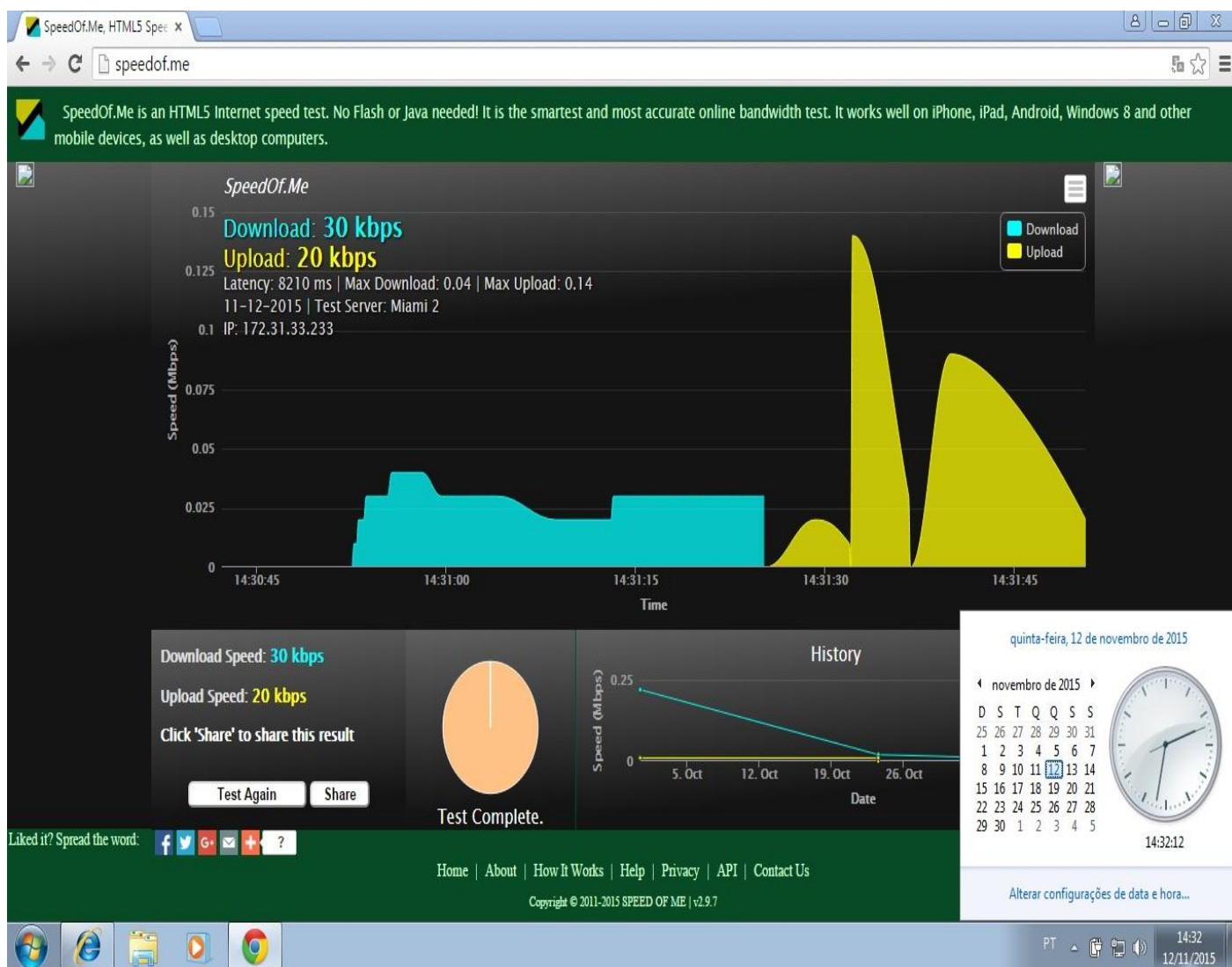
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-22128972-PI

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -15 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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 : -23.5 dBm
ODU Output Power : 33.7 dBm
EIRP : 48.0 dBW
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -290 us (260397 us)
Frequency correction: -60 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	Sat[Id/Pos]	Enable
* 0	0	9.320000	12.055825	DVB-S2 4		0/ 0.0 E	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State : On
DVB State : Forward link up
Network : 1326, GlobalIP@Telstar-14R
Frequency : 12.055796 GHz
Symbol Rate : 9.319894 Msp/s
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 16 8PSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 14.2 dB
Input Power : -28 dBm
#
```

IP DVB 10.50.1.4/32

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=810 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=760 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 540/740/900 ms
#
```