

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

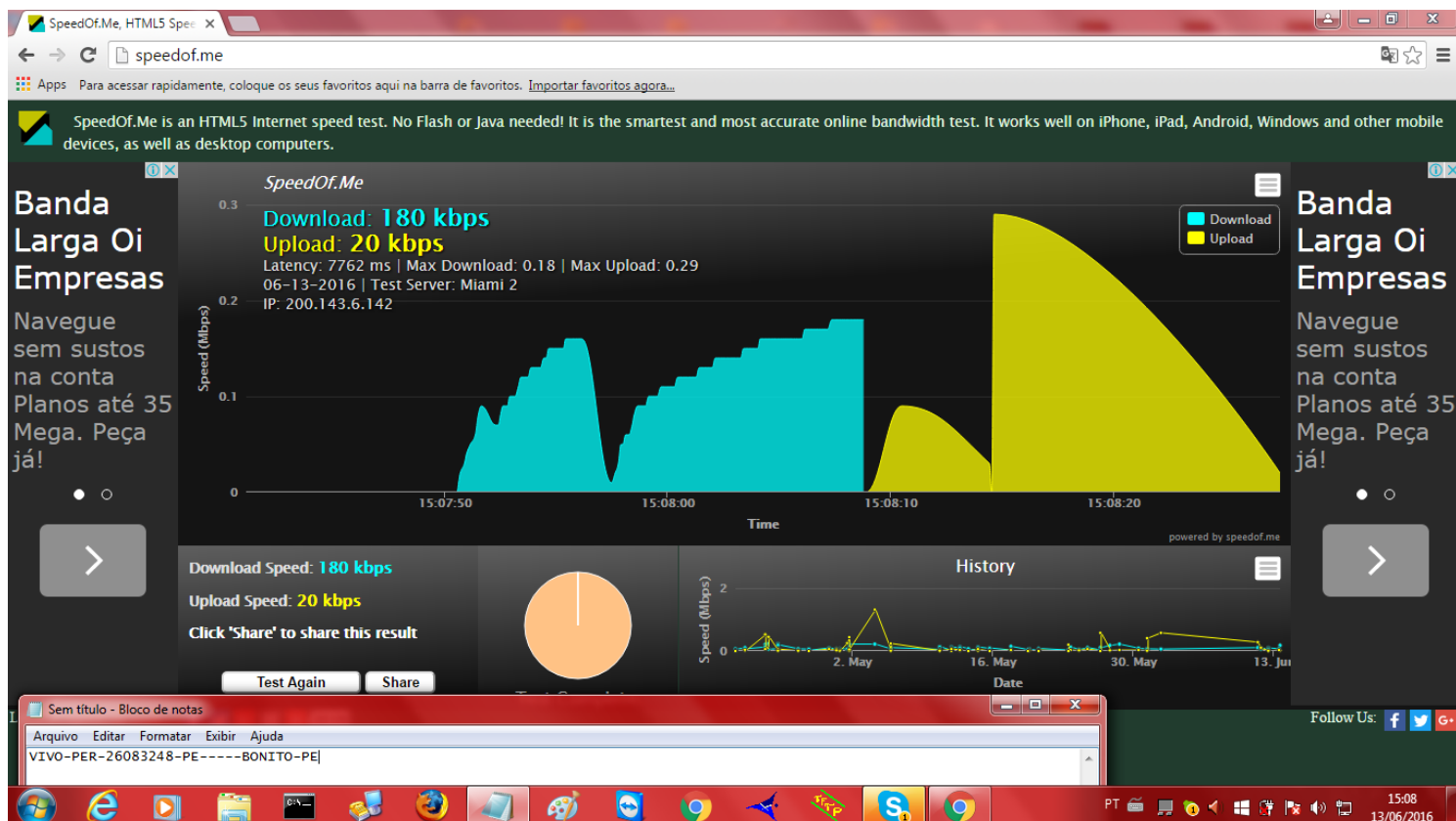
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26083248-PE

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
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -20.2 dBm
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -157 us (262405 us)
Frequency correction : 110 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 : 12.055855 GHz
Symbol Rate : 9.320006 Msps
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 : 14.6 dB
Input Power : -35 dBm

ping 8.8.8.8
64 bytes from 8.8.8.8: time=780 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=720 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 700/720/780 ms

dvb pos show
Latitude : 8d 28.65'S (8d 28' 39''S)
Longitude : 35d 40.63'W (35d 40' 38''W)
Altitude : 707 m
Timing Reference : SatLabs
PositionSearchN : 0

odu show

Antenna

Type BrasilSat SOB107-12 - 1.2m
Antenna controller None
Tx Gain at 14.25 GHz 43.0dB

Transmitter (BUC)

Type JRC NJT5037 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

Receiver (LNB)

Type User Defined
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22kHz
13/18V DC supply 13V

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