

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

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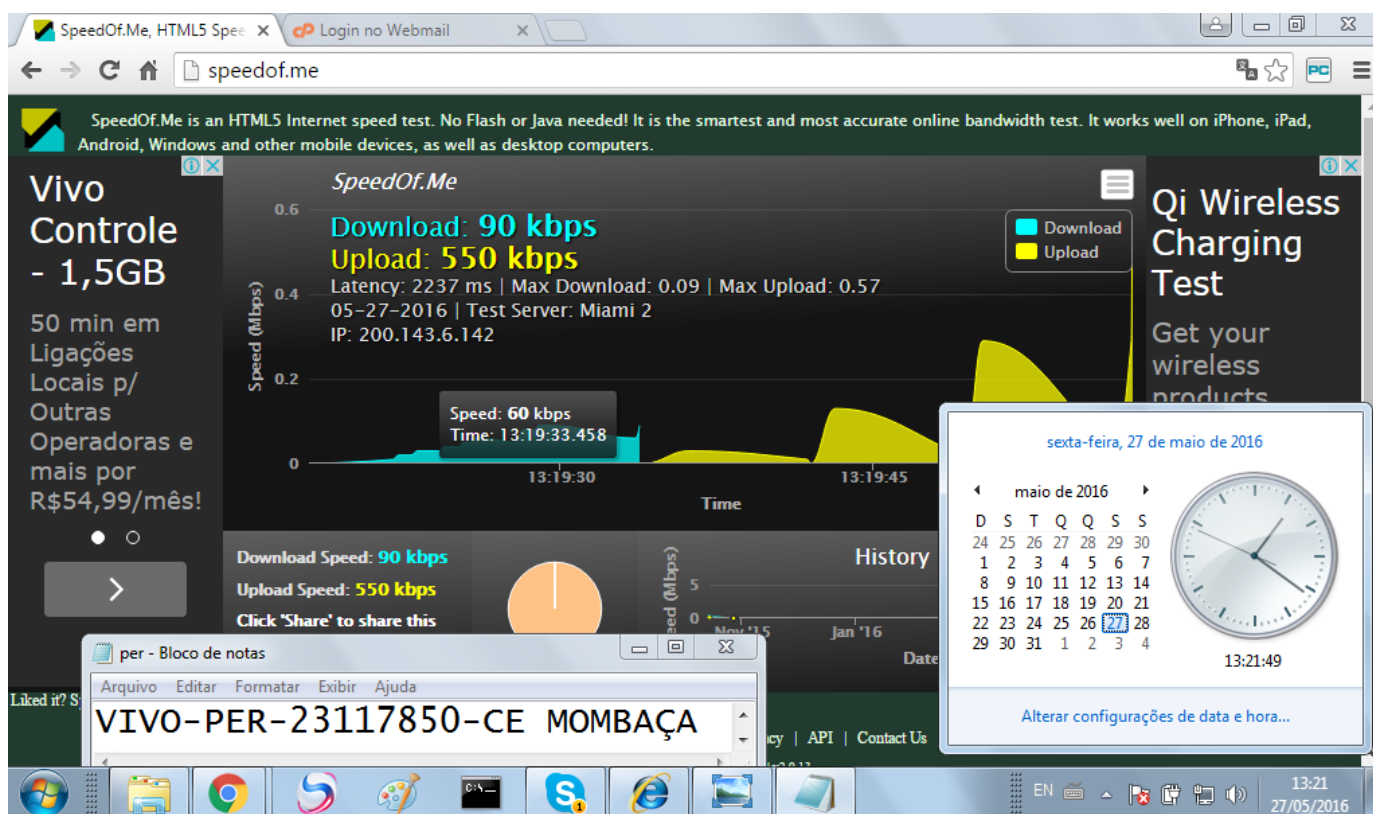
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23117850-CE

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.6 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     : -22.2 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 46.0 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction    : -227 us (260707 us)
Frequency correction : -20 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] Freq[GHz] Mode   PopId  SatId  Pos   SatName
Name                                     Enable
* 0  0      9.320000    12.055825 DVB-S2 102      0   0.0 E
    Yes
    1  1      0.000000     0.000000 DVB-S2  2      0   0.0 E
    No
```

```
Satellite (DVB) Receiver Status
-----
Rx State              : On
DVB State             : Forward link up
Network               : 1326, GlobalIP@Telstar-14R
Frequency             : 12.055870 GHz
Symbol Rate           : 9.320079 Msp
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                   : 13.3 dB
Input Power           : -25 dBm
```

```
#
```

```
IP DVB 10.50.1.194/32
```

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

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.194
```

```
Pinging 10.50.1.194 with 32 bytes of data:
```

```
Reply from 10.50.1.194: bytes=32 time=666ms TTL=62
Reply from 10.50.1.194: bytes=32 time=585ms TTL=62
Reply from 10.50.1.194: bytes=32 time=692ms TTL=62
Reply from 10.50.1.194: bytes=32 time=617ms TTL=62
```

```
Ping statistics for 10.50.1.194:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 585ms, Maximum = 692ms, Average = 640ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=1850 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=1920 ms
```

```
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 520/1130/1920 ms
```