

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

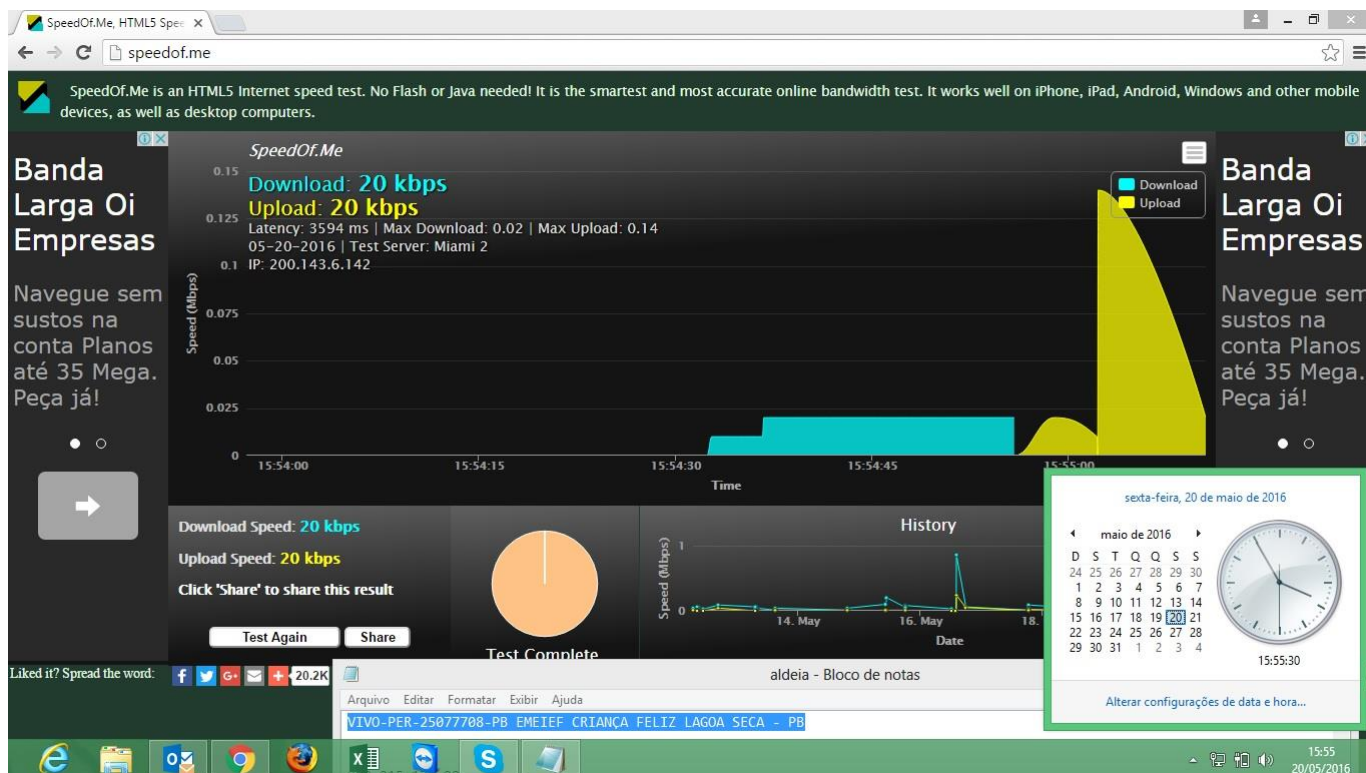
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25077708-PB

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : 35.4 dBm
EIRP                 : 48.7 dBW
Es/No                : 15.0 dB
Header Compression   : Disabled
Timing correction    : -179 us (262196 us)
Frequency correction : 40 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            : 12.055935 GHz
Symbol Rate          : 9.320177 Msps
S2 ModCod
- receiving          : 15   8PSK-5/6
- 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                   : 13.8 dB
Input Power           : -23 dBm
```

IP DVB 10.50.1.151/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.151

Pinging 10.50.1.151 with 32 bytes of data:

```
Reply from 10.50.1.151: bytes=32 time=1932ms TTL=62
Reply from 10.50.1.151: bytes=32 time=551ms TTL=62
Reply from 10.50.1.151: bytes=32 time=542ms TTL=62
Reply from 10.50.1.151: bytes=32 time=649ms TTL=62
```

```
Ping statistics for 10.50.1.151:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 1932ms, Average = 918ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=700 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 530/660/740 ms
```