TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

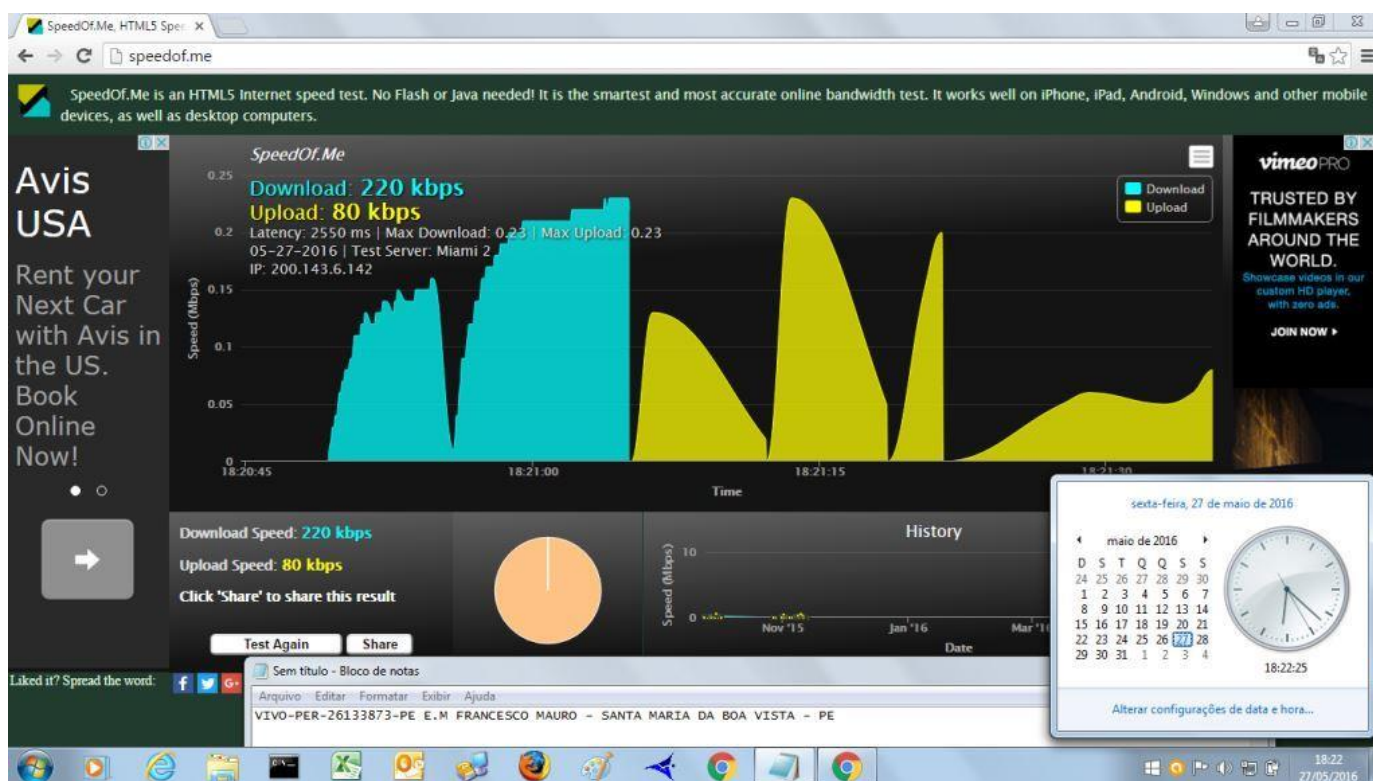| **NOC/Operador:** Renan Borges Sousa	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-26133873-PE	256k/128k	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    : -19.6 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 48.2 dBW
Es/No               : 13.0 dB
Header Compression  : Disabled
Timing correction   : -137 us (260931 us)
Frequency correction: -60 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[Msps] 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             : 12.056007 GHz
Symbol Rate           : 9.319993 Msps
S2 ModCod
      - receiving     : 14   8PSK-3/4
      - 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                   : 14.2 dB
Input Power           : -25 dBm



IP DVB 10.50.1.20732


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


C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.207

Pinging 10.50.1.207 with 32 bytes of data:

Reply from 10.50.1.207: bytes=32 time=525ms TTL=62
Reply from 10.50.1.207: bytes=32 time=556ms TTL=62
Reply from 10.50.1.207: bytes=32 time=532ms TTL=62
Reply from 10.50.1.207: bytes=32 time=762ms TTL=62

Ping statistics for 10.50.1.207:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 525ms, Maximum = 762ms, Average = 593ms

Ping desde dentro da VSAT 8.8.8.8

# 64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=640 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 560/590/640 ms
```