TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

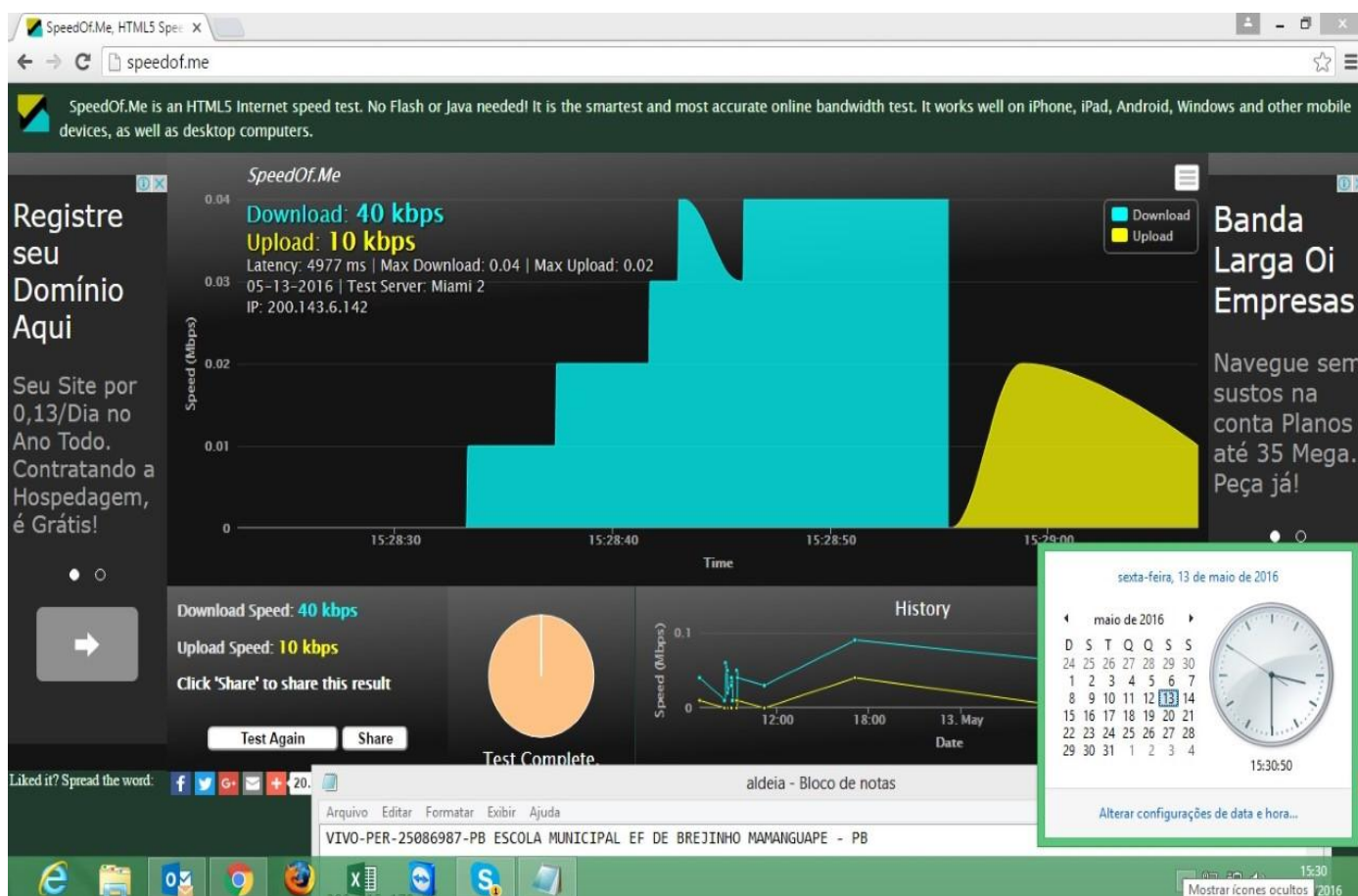| **NOC/Operador:** Allan Santos	**Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-25086987-PB	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
-------------------------------
State                : On  (DVB-RCS)
IDU Output Power     : -20.9 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
```

```
Es/No                 : 13.5 dB
Header Compression    : Disabled
Timing correction     : -189 us (262414 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[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             : 12.056010 GHz
Symbol Rate           : 9.319832 Msps
S2 ModCod
      - receiving     : 1   QPSK-1/4
      - 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                   : 14.0 dB
Input Power           : -24 dBm
#



IP DVB 10.50.1.122/32



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=610 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=750 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 610/700/770 ms
#
```