TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
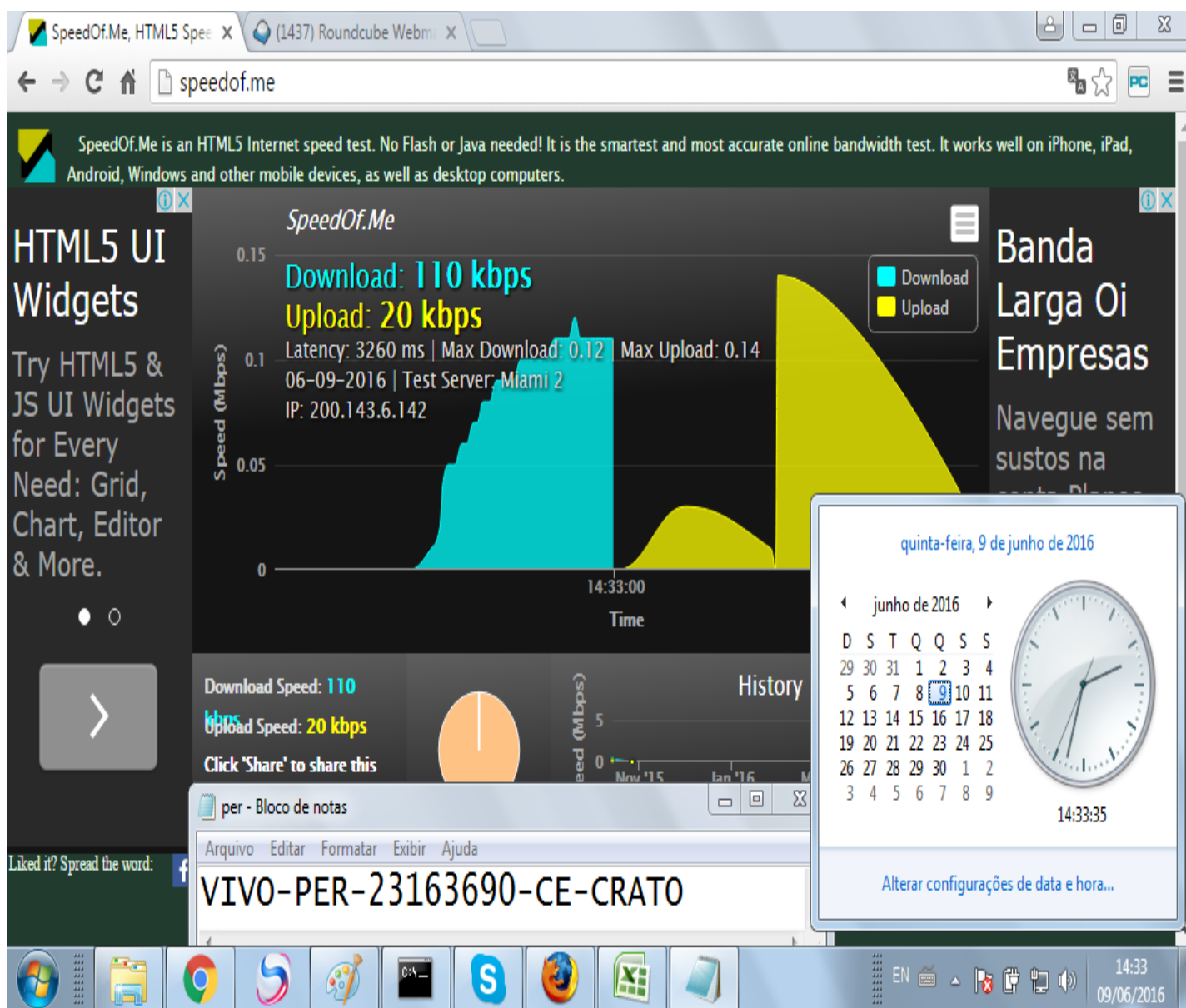
NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23163690-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.1 dBm
EIRP                : 46.0 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    : -18.1 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 45.9 dBW
Es/No               : 13.0 dB
Header Compression  : Disabled
Timing correction   : -172 us (260903 us)
Frequency correction: -90 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           : 12.055884 GHz
Symbol Rate         : 9.320073 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                 : 12.8 dB
Input Power         : -32 dBm
#


IP DVB 172.18.128.173/32


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=1950 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=1450 ms
```

```
---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 720/1130/1950 ms
#
```