TERMO DE ACEITE TÉCNICO

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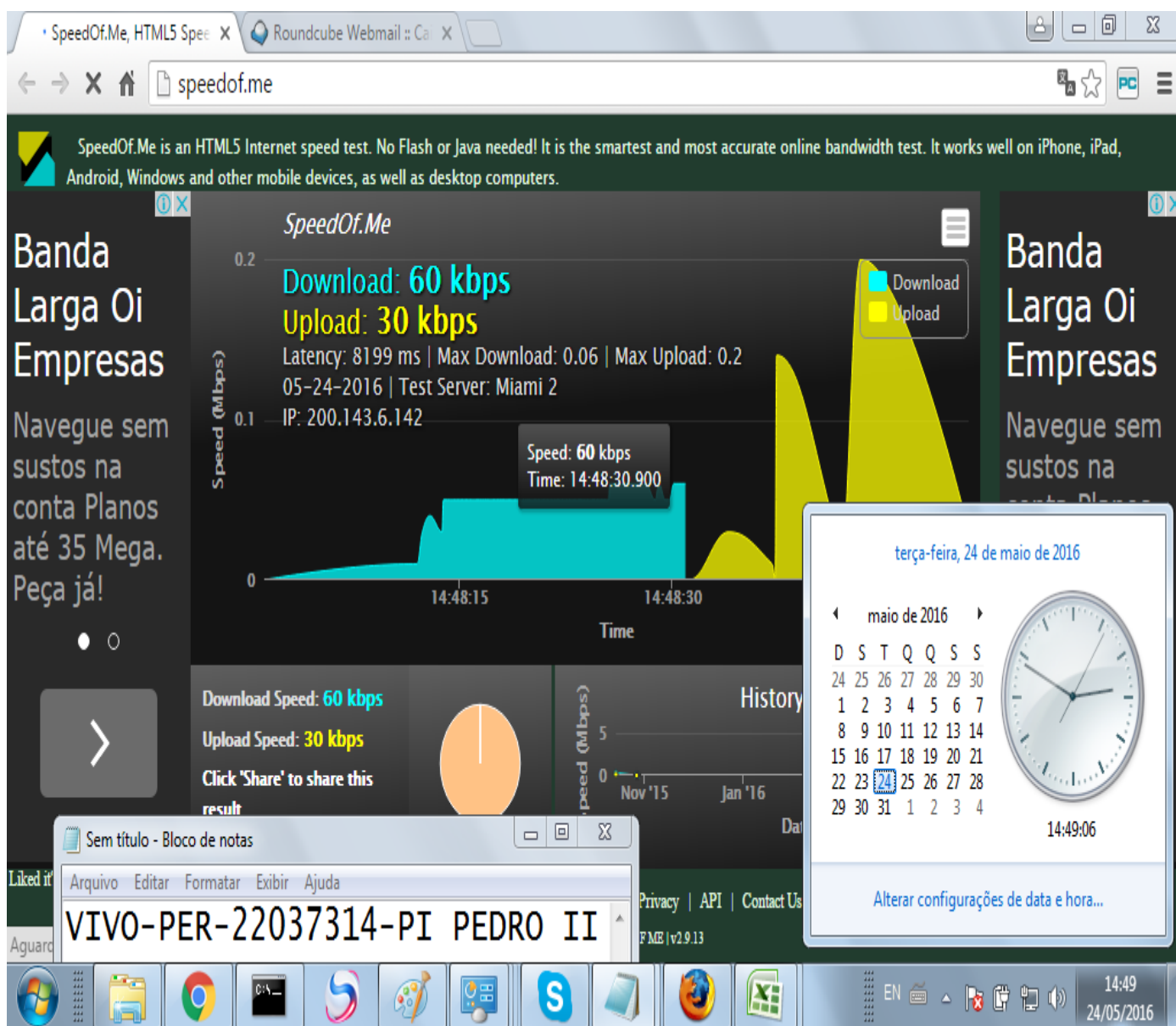
NOC/Operador: Allan Santos | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-22037314-PI	256k/128k	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: 14.125750 GHz
```

```
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On   (DVB-RCS)
IDU Output Power    : -20.3 dBm
ODU Output Power    : 35.3 dBm
EIRP                : 46.2 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -225 us (260025 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[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           : 12.055862 GHz
Symbol Rate         : 9.320011 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                 : 13.1 dB
Input Power         : -27 dBm
#



IP DVB 10.50.1.163/32



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=820 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=590 ms


---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
```

```
rtt min/avg/max = 590/710/820 ms
#
```