TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

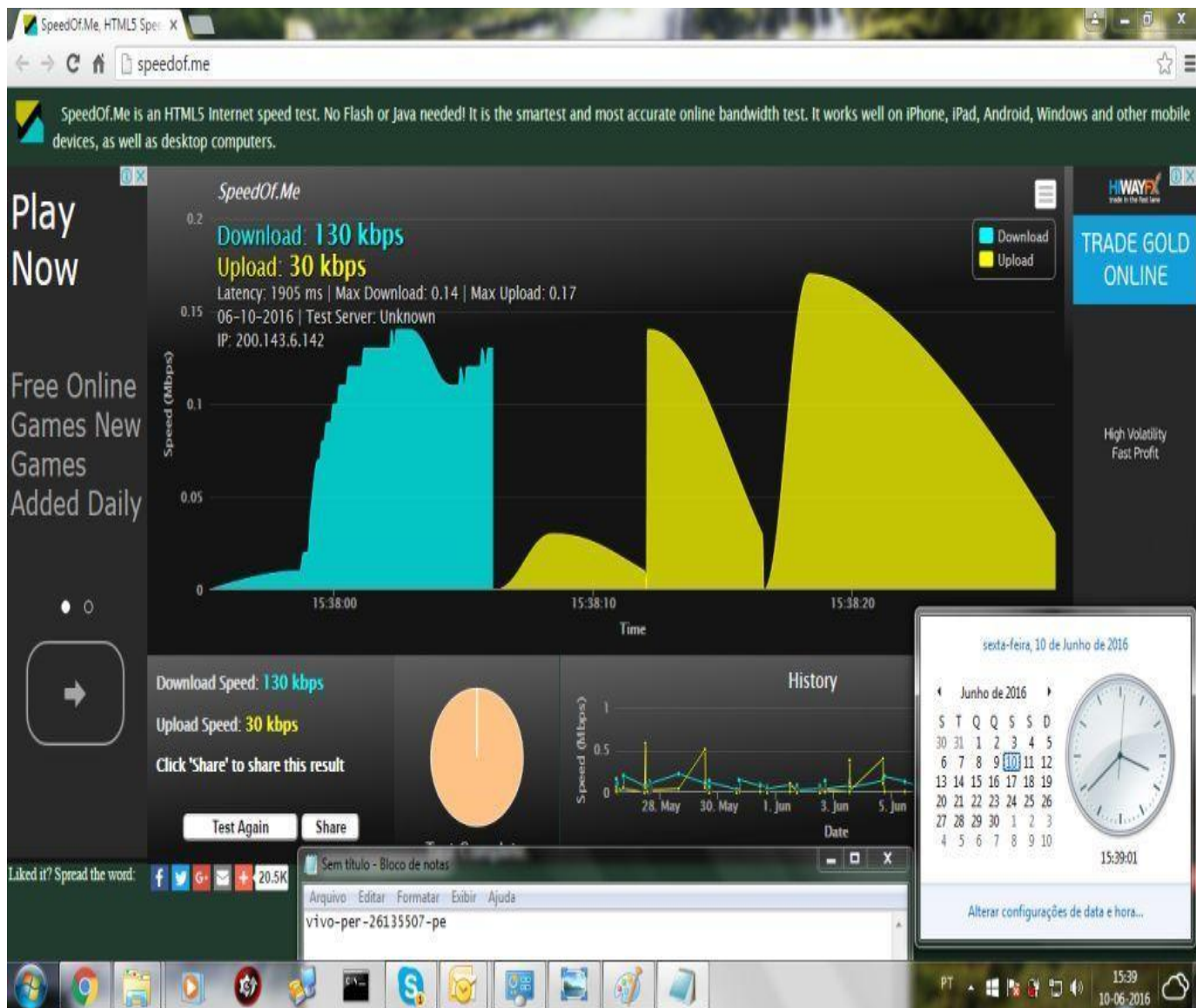**NOC/Operador:** Rogério Momi Frias

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26135507 -PE	256/128	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      : 35.0 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     : -18.1 dBm
ODU Output Power     : 35.3 dBm
EIRP                 : 48.3 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -156 us (262080 us)
Frequency correction: -10 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            : 12.055963 GHz
Symbol Rate          : 9.320053 Msps
S2 ModCod
- receiving   : 16   8PSK-8/9
- 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                  : 14.3 dB
Input Power          : -26 dBm
#



IP DVB 172.18.129.157/32



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=850 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=800 ms

---  ping statistics ---
```

```
5 packets transmitted, 5 received,  0.00 percent packet
loss rtt min/avg/max = 600/770/880 ms #
```