TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

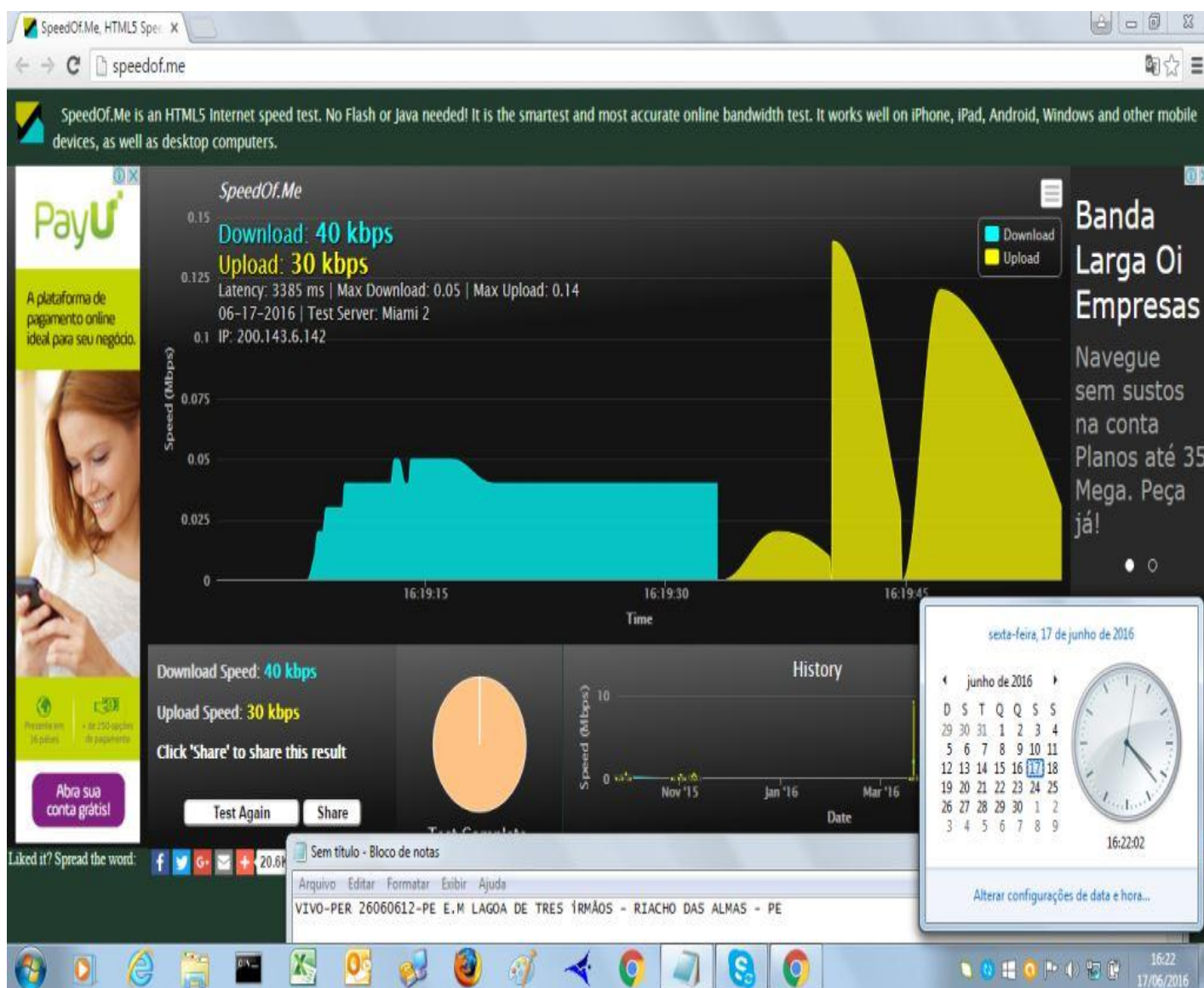**NOC/Operador:** Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26060612-PE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None
```

```
Satellite (DVB) Transmitter Status
---------------------------------
State              : On   (DVB-RCS)
IDU Output Power   : -20.1 dBm
Es/No              : 13.5 dB
Header Compression : Disabled
Timing correction  : -157 us (262267 us)
Frequency correction: 70 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          : 12.055876 GHz
Symbol Rate        : 9.320106 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                : 13.1 dB
Input Power        : -33 dBm
#


IP DVB 172.18.131.36/32


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=520 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=730 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/670/730 ms
#
```