TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
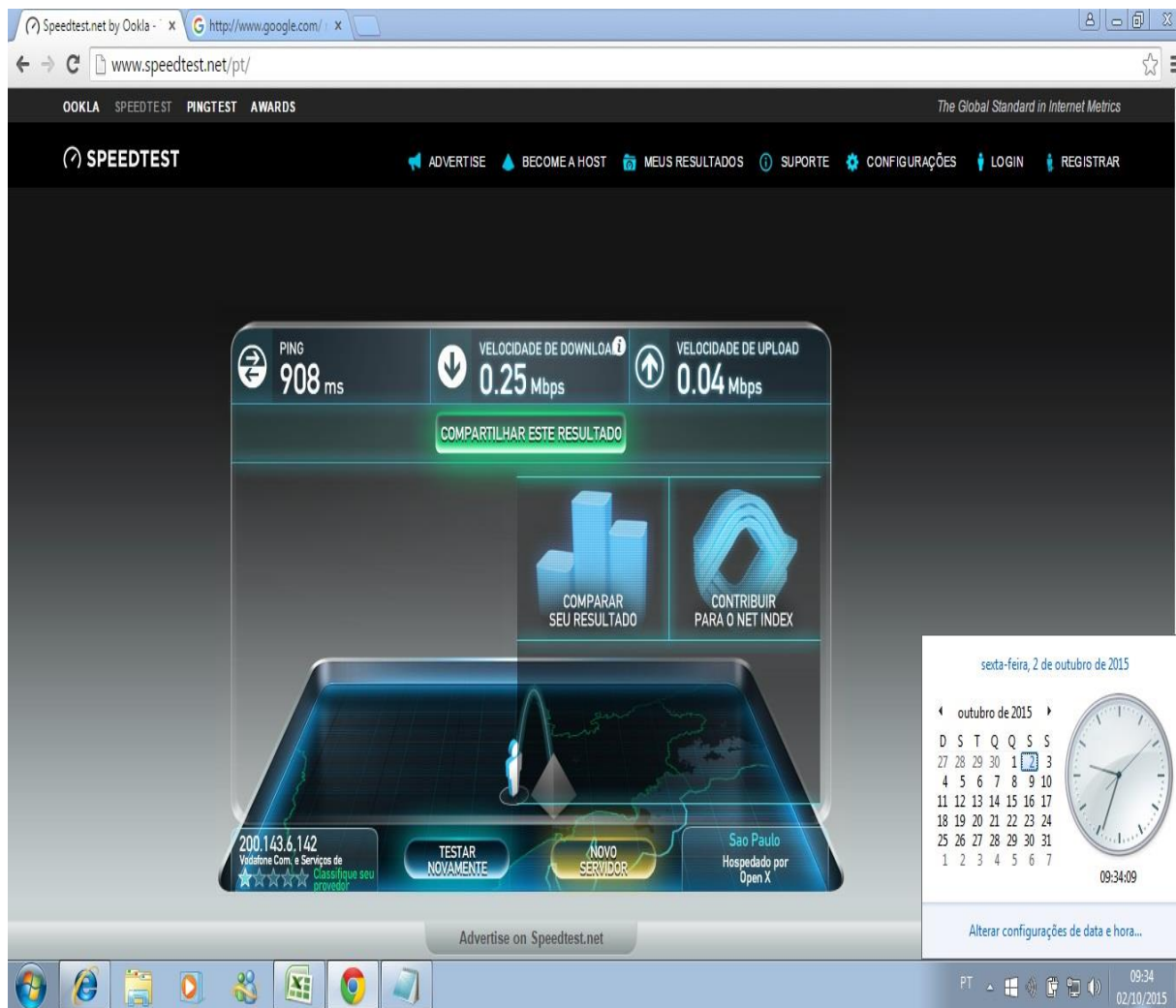
NOC/Operador: Alexandre Cruz	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23016990-CE	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    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None




Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -21.4 dBm
```

```
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Eb/No                : 15.0 dB
Header Compression   : Disabled
Timing correction    : -51 us (260274 us)
Frequency correction: -360 Hz
# dvb rx show


Satellite (DVB) RX Configuration
--------------------------------
Auto start           : Enabled
Max MODCOD           : 23   16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog          : 15 minute


Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId   Enable
* 0   0     9.320000      12.055825  DVB-S2 4             Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055856 GHz
Symbol Rate          : 9.319893 Msps
S2 ModCod
        - receiving  : 13   8PSK-2/3
        - current max : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.9 dB
Input Power          : -31 dBm
#

IP DVB 10.53.0.99/32



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=2320 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=730 ms
```