TERMO DE ACEITE TÉCNICO

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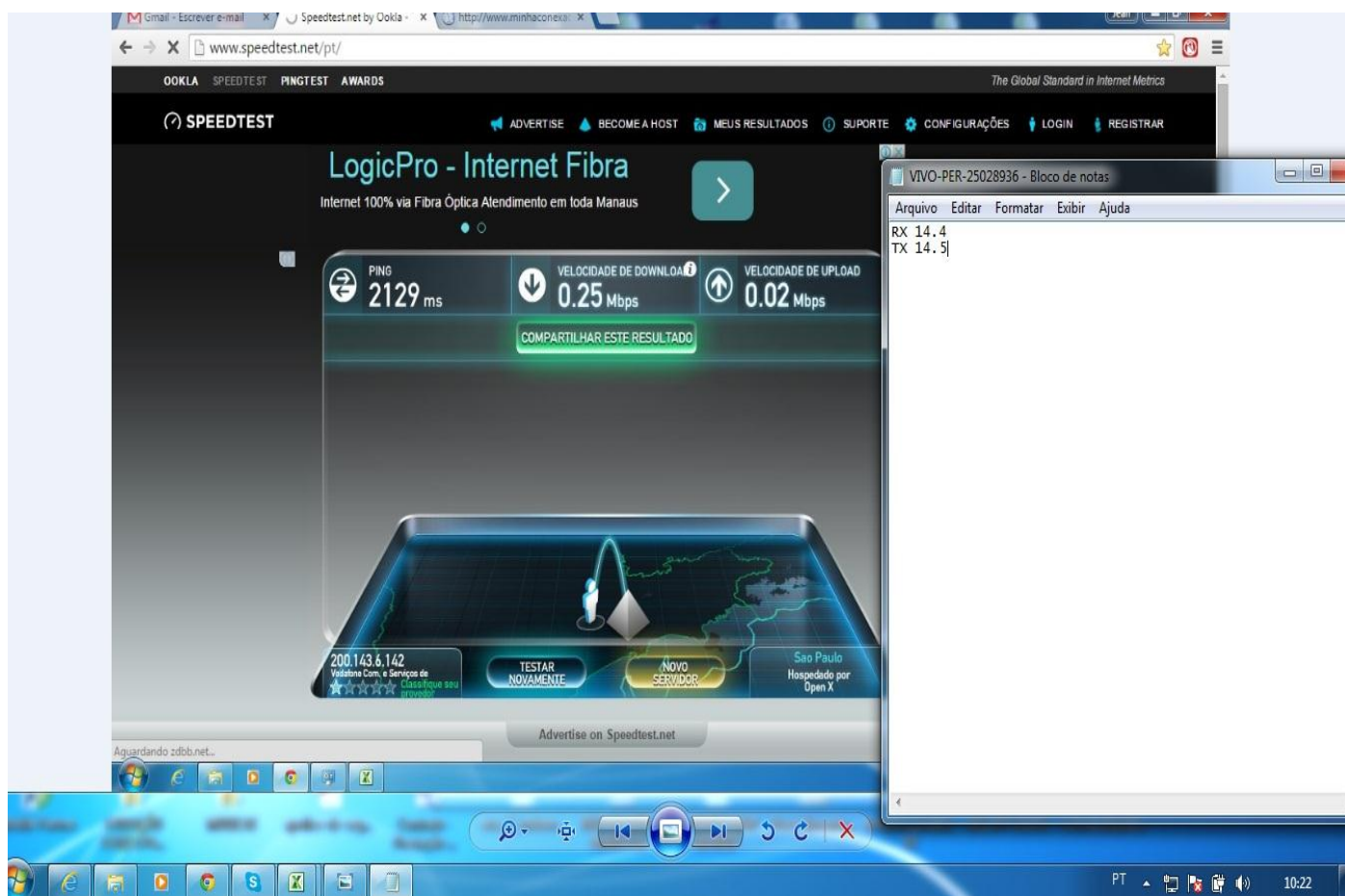
NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-25028936-PB	256k/128k	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    : -18.9 dBm
ODU Output Power    : 33.8 dBm
```

```
EIRP                 : 47.1 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -106 us (261264 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
  1  1      0.000000       0.000000  DVB-S2 2         No


Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055525 GHz
Symbol Rate          : 9.320003 Msps
S2 ModCod
      - receiving    : 15   8PSK-5/6
      - current max  : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 13.8 dB
Input Power          : -30 dBm
#



IP DVB 10.53.0.254/32



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=610 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=580 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/560/610 ms
#
```