TERMO DE ACEITE TÉCNICO

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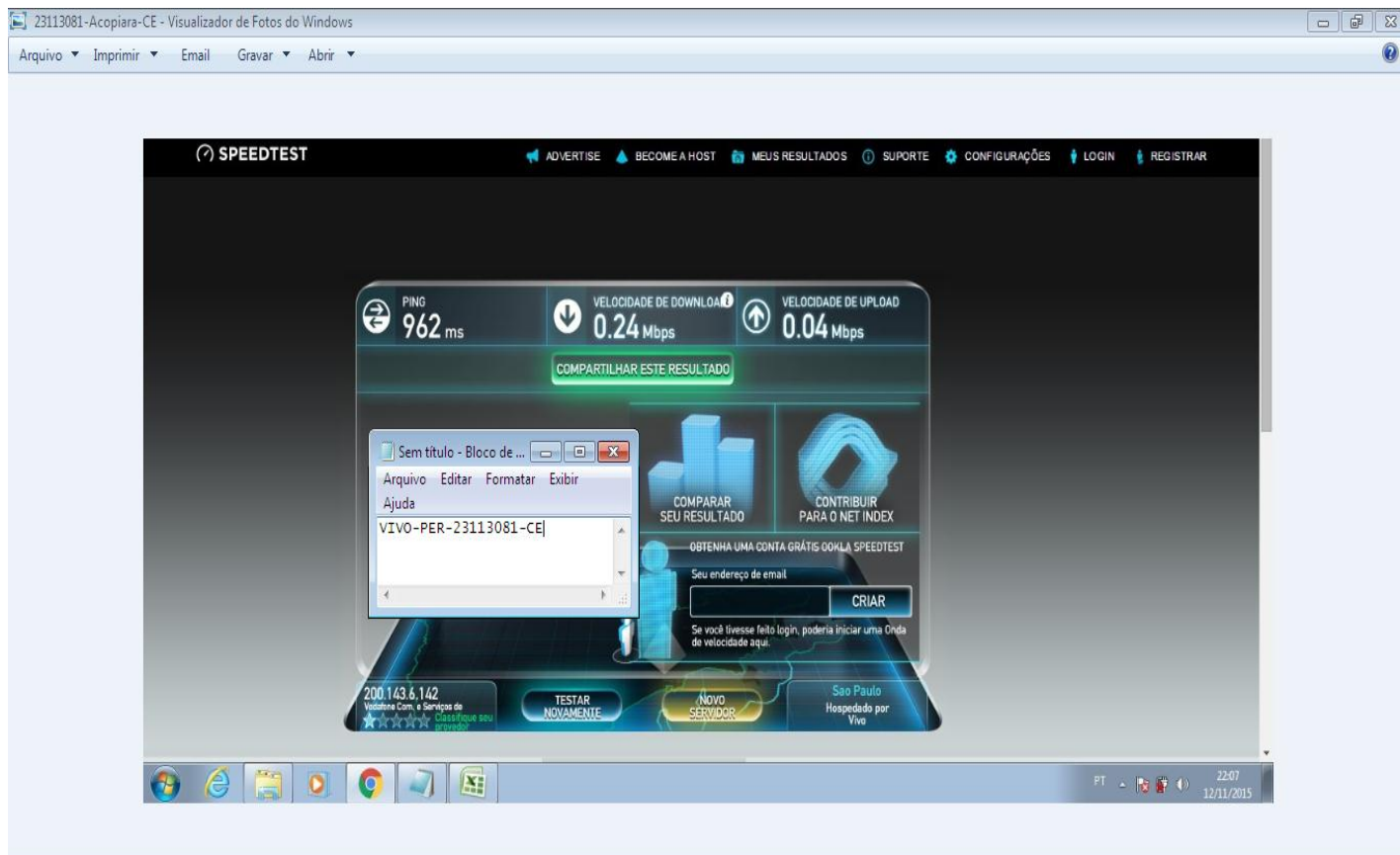
NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23113081-CE	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   : 33.7 dBm
EIRP               : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode           : VC-Mux
Header Compression :  None


Satellite (DVB) Transmitter Status
-------------------------------
```

```
State                : On (TDMA)
IDU Output Power     : -22.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -39 us (260874 us)
Frequency correction: -330 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            : 12.055647 GHz
Symbol Rate          : 9.320031 Msps
S2 ModCod
      - receiving    : 1   QPSK-1/4
      - current max  : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.1 dB
Input Power          : -27 dBm
#



IP DVB 10.50.1.6/32



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
Request timed out
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=910 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 4 received, 20.00 percent packet loss
rtt min/avg/max = 900/920/950 ms
#
```