TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos
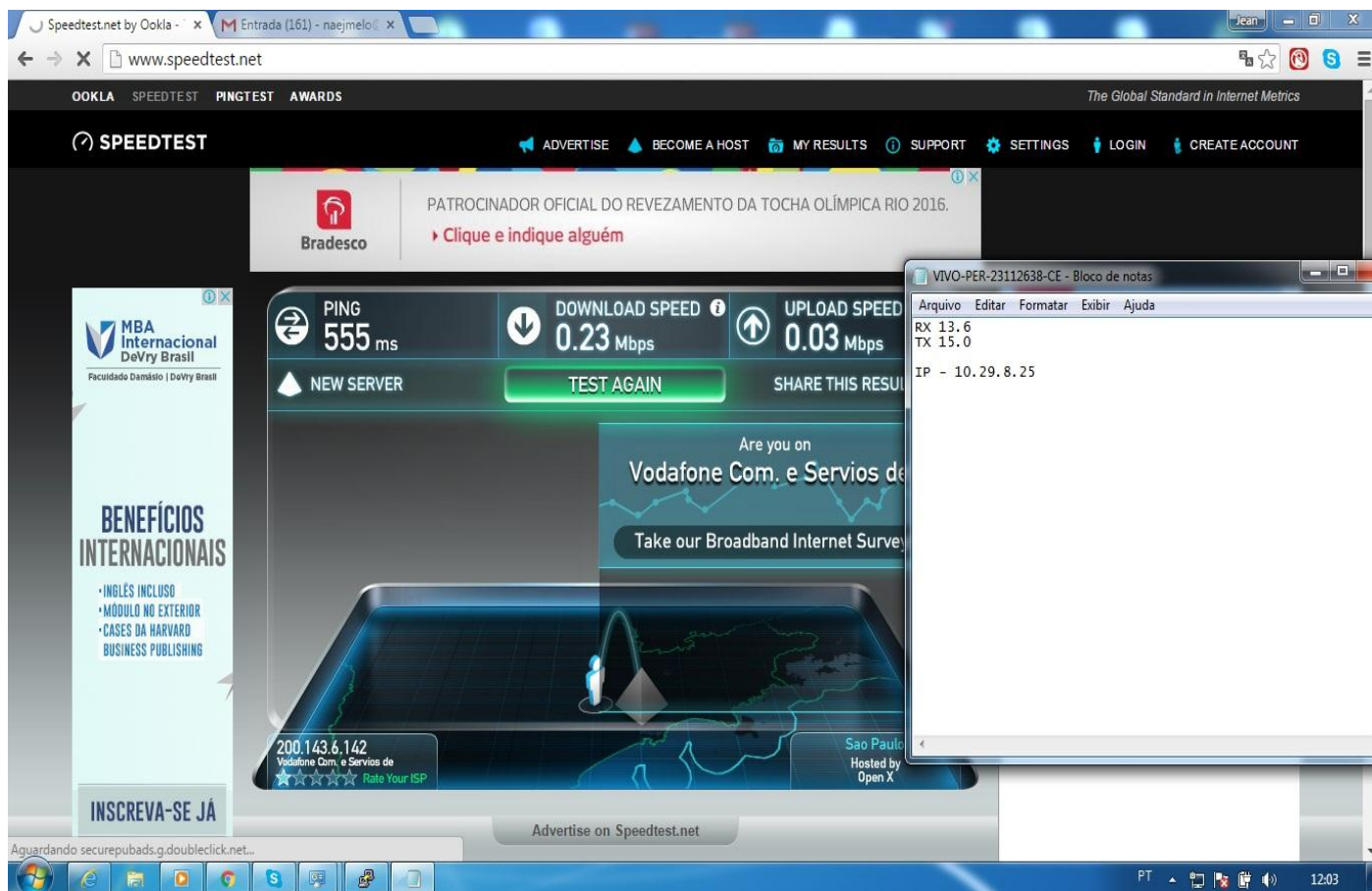
Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23112638-CE	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   : -18.8 dBm
ODU Output Power   : 33.6 dBm
EIRP               : 46.9 dBW
Eb/No              : 14.5 dB
```

```
Header Compression  : Disabled
Timing correction   : -158 us (260838 us)
Frequency correction: -380 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           : 12.055269 GHz
Symbol Rate         : 9.319889 Msps
S2 ModCod
     - receiving    : 14   8PSK-3/4
     - 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         : -26 dBm
#



IP DVB 10.50.0.81/32


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=810 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=550 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 550/650/810 ms
#
```