TERMO DE ACEITE TÉCNICO

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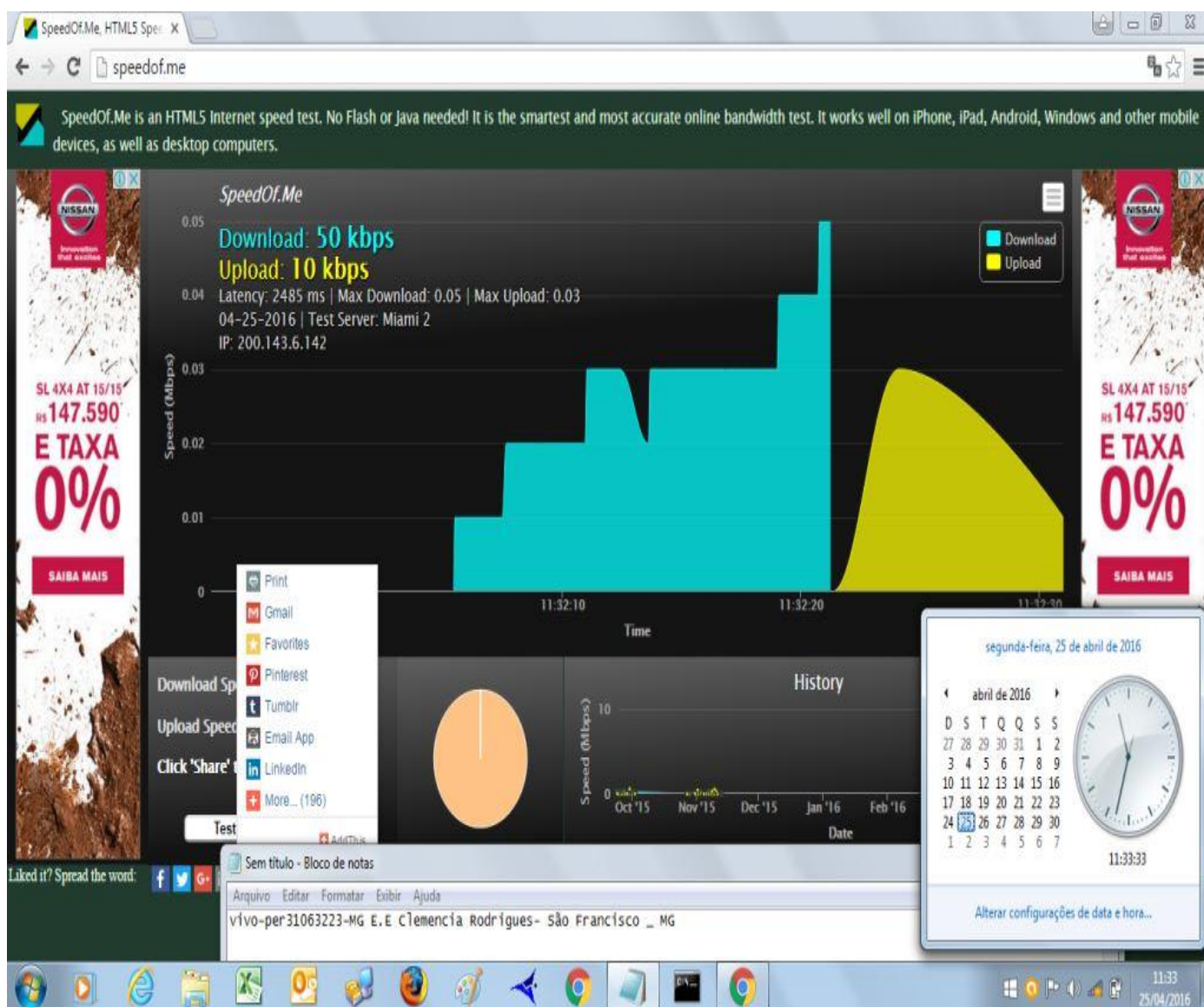
NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31063223-MG	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -21 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   (DVB-RCS)
IDU Output Power    : -20.6 dBm
ODU Output Power    : 34.2 dBm
EIRP                : 47.5 dBW
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -279 us (260717 us)
Frequency correction: 90 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           : 12.055617 GHz
Symbol Rate         : 9.319906 Msps
S2 ModCod
     - receiving    : 15   8PSK-5/6
     - current max  : 20   16APSK-4/5
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 14.0 dB
Input Power         : -27 dBm
#


IP DVB 10.50.1.78/32


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=670 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=700 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
```

```
rtt min/avg/max = 570/670/740 ms
#
```