EMC EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá	**Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26038129-PE	256/128	VSAT
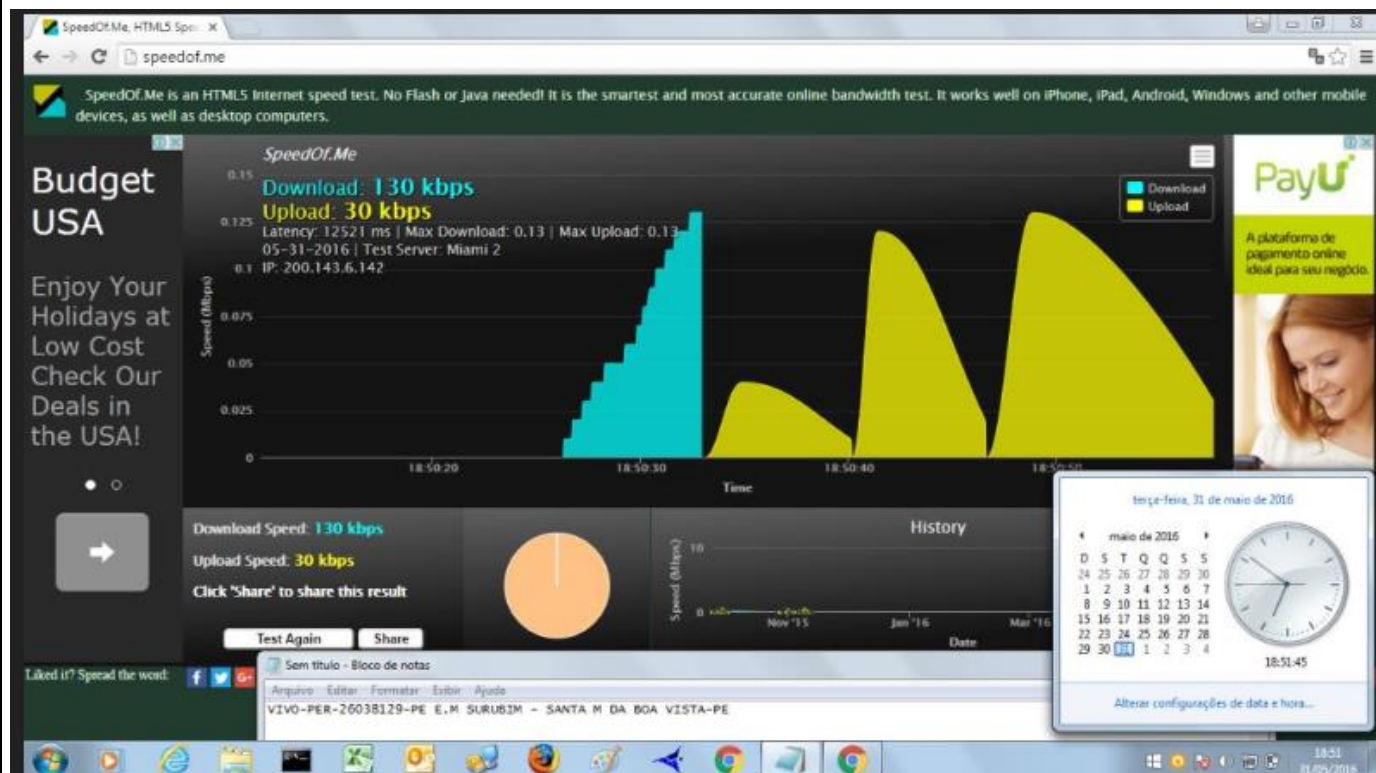

```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.6 dBm
EIRP                : 46.5 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    : -16.3 dBm
ODU Output Power    : 35.5 dBm
EIRP                : 46.4 dBW
Es/No               : 13.0 dB
Header Compression  : Disabled
Timing correction   : -137 us (260930 us)
Frequency correction: -350 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           : 12.056018 GHz
Symbol Rate         : 9.320053 Msps
S2 ModCod
      - receiving   : 16   8PSK-8/9
      - current max : 16   8PSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 13.8 dB
Input Power         : -26 dBm




# ping 8.8.8.8
64 bytes from 8.8.8.8: time=780 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=850 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 690/950/1780 ms
```