EMC
EMERGING MARKETS COMMUNICATIONS

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
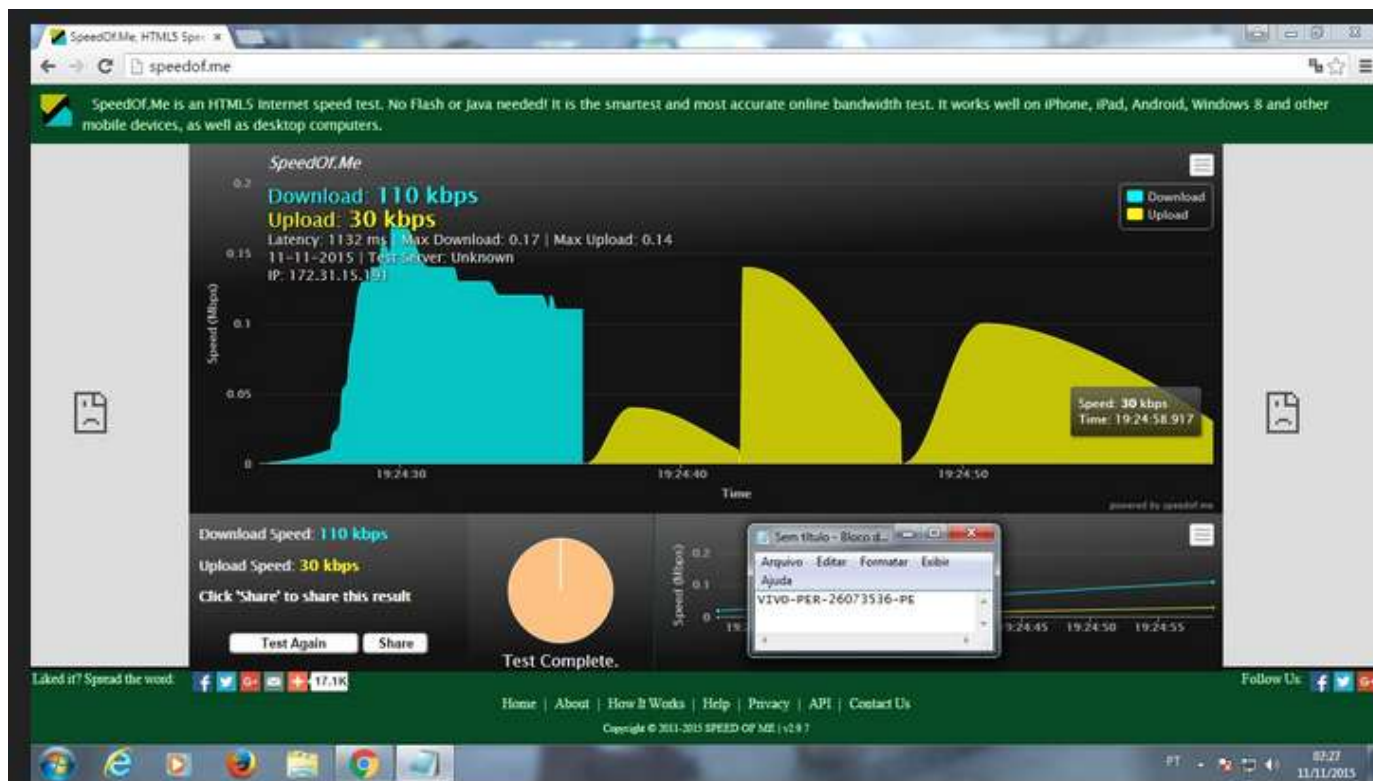
NOC/Operador: Bruno Carvalho de Sá	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-26073536-PE	256/128	VSAT


```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power     : -27 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
-------------------------------
State                : On (TDMA)
IDU Output Power     : -23.3 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -237 us (262056 us)
Frequency correction: 90 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             : 12.056082 GHz
Symbol Rate           : 9.319956 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                   : 14.5 dB
Input Power           : -22 dBm

IP DVB 10.50.0.254 /32


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=2980 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=1370 ms
64 bytes from 8.8.8.8: time=1120 ms
64 bytes from 8.8.8.8: time=1070 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 910/1480/2980 ms
#
```