TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais
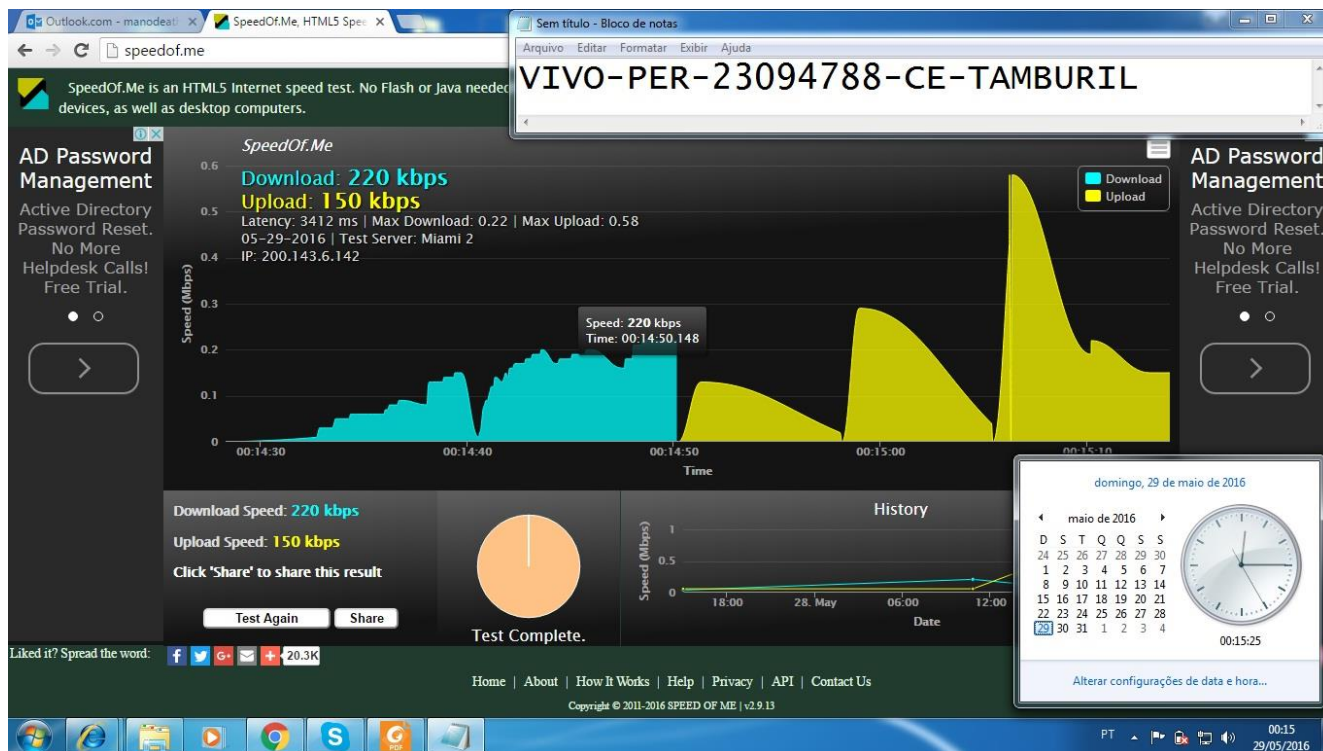
NOC/Operador: Rogério Momi Frias   **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23094788-CE	256/128	VSAT

VIVO-PER-23094788-CE-TAMBURIL

```
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 4       0    0.0 E                           Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State        : On
DVB State       : Forward link up
Network         : 1326,  GlobalIP@Telstar-14R
Frequency       : 12.055947 GHz
Symbol Rate     : 9.320280 Msps
S2 ModCod
   - receiving  : 15   8PSK-5/6
   - 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             : 13.5 dB
Input Power     : -27 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start        : Enabled
IDU Output Power    : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.6 dBm
EIRP            : 45.5 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    : -22.1 dBm
ODU Output Power    : 35.8 dBm
EIRP            : 45.7 dBW
Es/No           : 12.0 dB
Header Compression  : Disabled
Timing correction   : -102 us (260452 us)
Frequency correction: -110 Hz



ping 8.8.8.8
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=830 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 = 620/710/830 ms
```