TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

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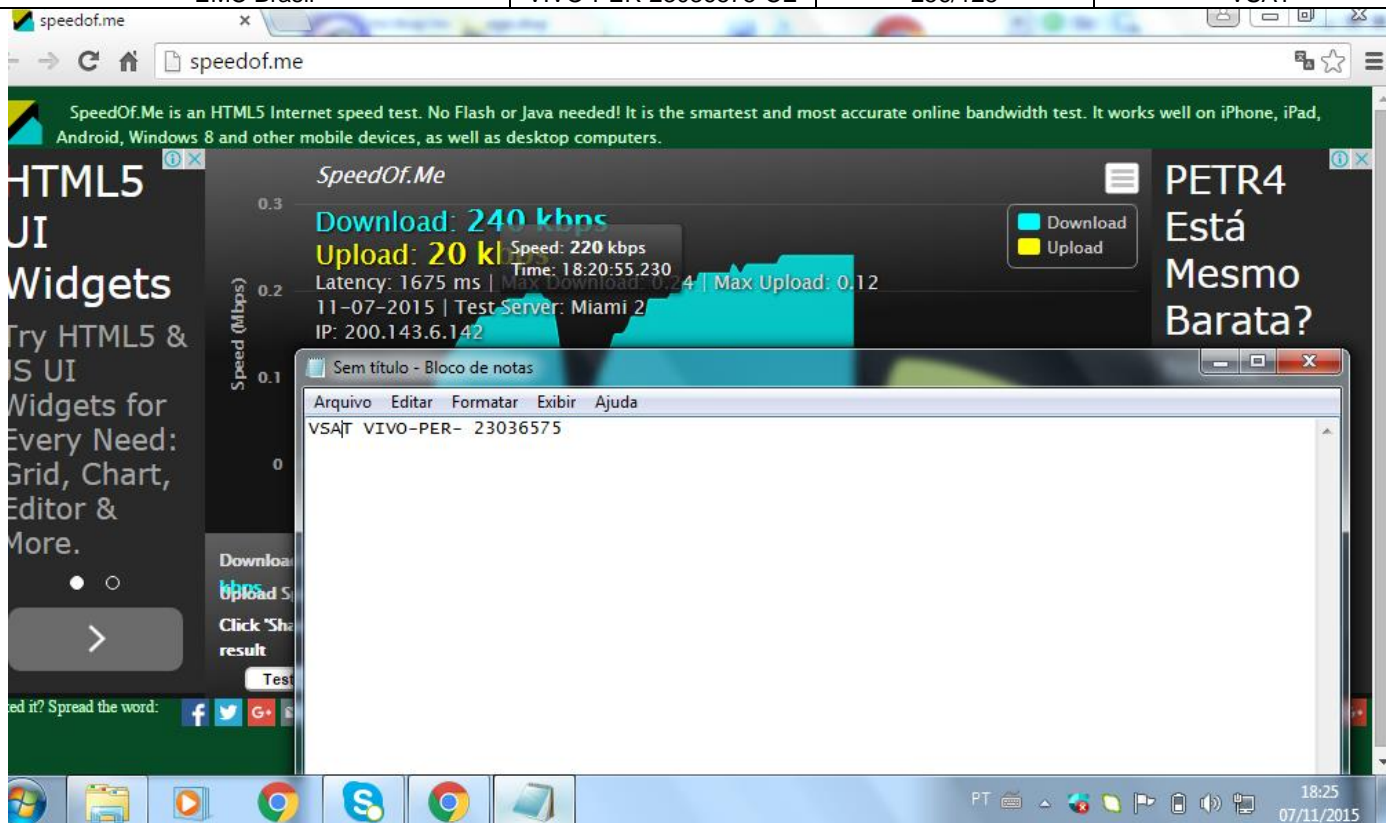
NOC/Operador: Rogério Momi Frias | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23036575-CE	256/128	VSAT


```
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       : 12.055997 GHz
Symbol Rate     : 9.319878 Msps
S2 ModCod
   - receiving  : 1   QPSK-1/4
   - current max : 23   16APSK-9/10
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
Roll off        : 0.25
SNR             : 14.4 dB
Input Power     : -29 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start        : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP           : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode        : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
-------------------------------
State         : On (TDMA)
IDU Output Power    : -17.1 dBm
ODU Output Power    : 34.4 dBm
EIRP          : 47.7 dBW
Eb/No         : 13.5 dB
Header Compression  : Disabled
Timing correction   : -316 us (260619 us)
Frequency correction: -130 Hz




ping 8.8.8.8
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=590 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 530/590/740 ms
```