TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Rogério Momi Frias

Cliente: VIVO
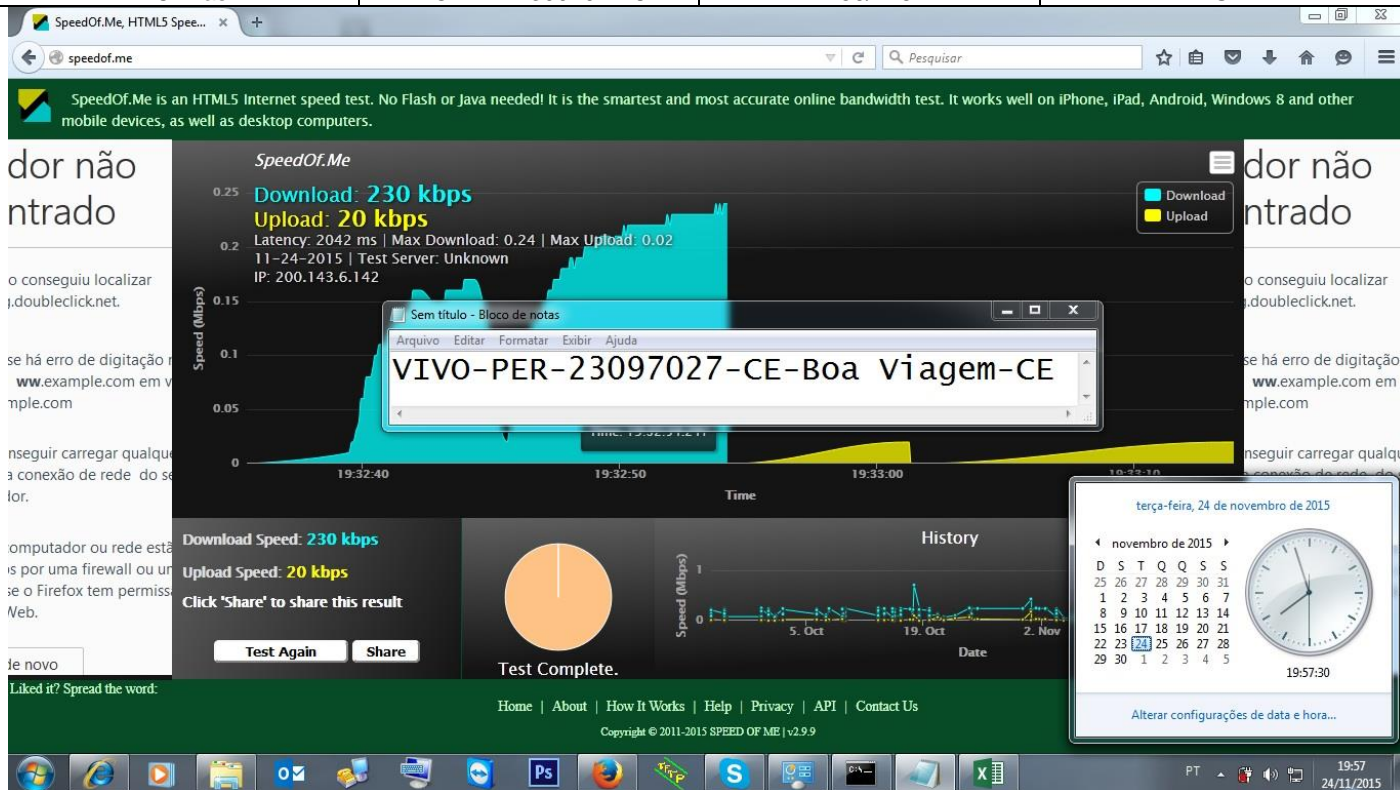
Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23097027-CE	256/128	VSAT


```
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       : 12.055839 GHz
Symbol Rate     : 9.319979 Msps
S2 ModCod
   - receiving   : 15   8PSK-5/6
   - current max : 15   8PSK-5/6
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
Roll off        : 0.20
SNR             : 12.9 dB
Input Power     : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start        : Enabled
IDU Output Power    : -15 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    : -20.2 dBm
ODU Output Power    : 33.7 dBm
EIRP           : 47.0 dBW
Es/No         : 14.0 dB
Header Compression  : Disabled
Timing correction   : 227 us (260210 us)
Frequency correction: 320 Hz




 ping 8.8.8.8
64 bytes from 8.8.8.8: time=2500 ms
64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=1080 ms
64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=790 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 660/1170/2500 ms
```