TERMO DE ACEITE TÉCNICO

EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

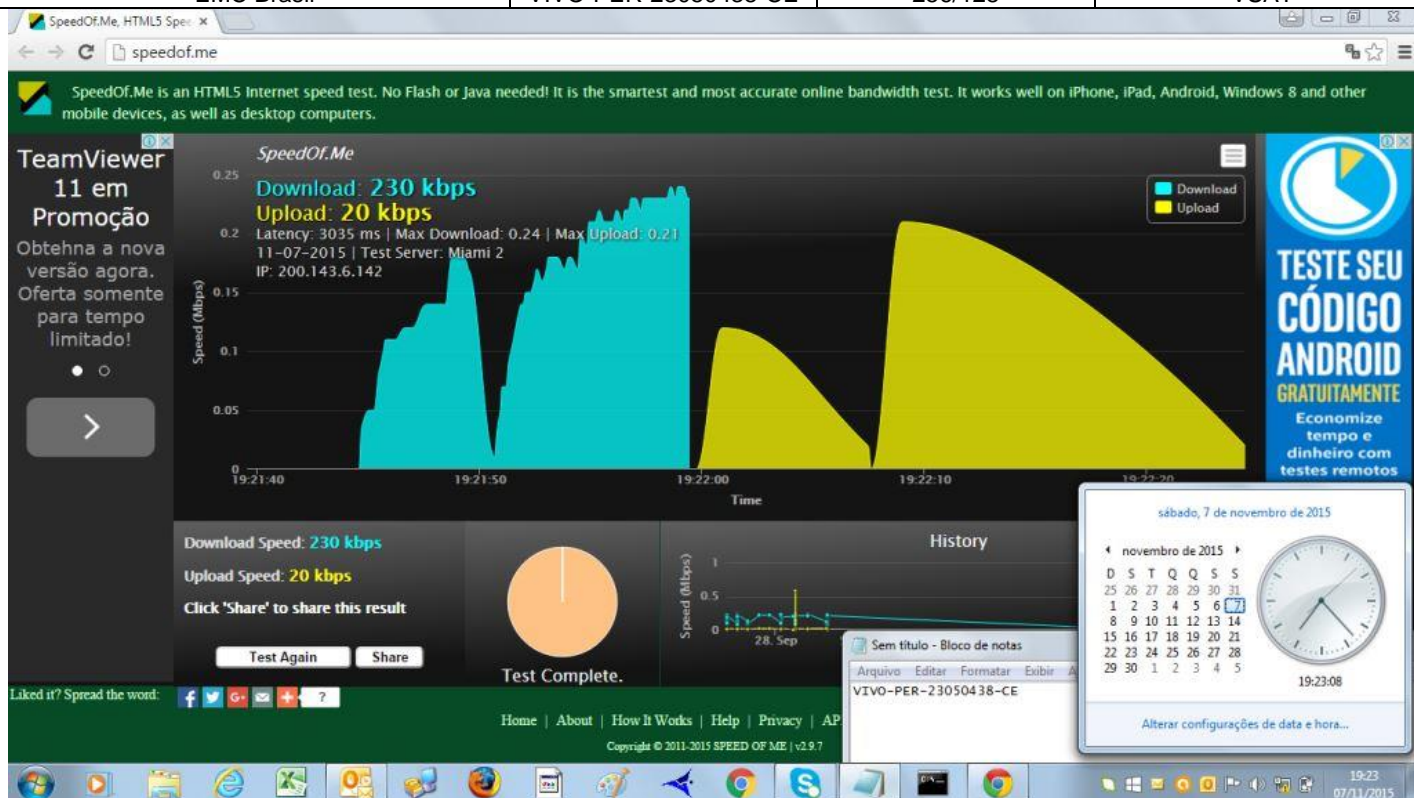| **NOC/Operador:** Rogério Momi Frias	**Cliente:** VIVO

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-23050438-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       : 12.056223 GHz
Symbol Rate     : 9.320109 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             : 15.7 dB
Input Power     : -27 dBm
```

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


Satellite (DVB) Transmitter Status
--------------------------------
State         : On (TDMA)
IDU Output Power   : -18.3 dBm
ODU Output Power   : 34.1 dBm
EIRP        : 47.4 dBW
Eb/No       : 14.0 dB
Header Compression  : Disabled
Timing correction   : -246 us (260664 us)
Frequency correction: -70 Hz




ping 8.8.8.8
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=580 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=660 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 580/630/700 ms
```