TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

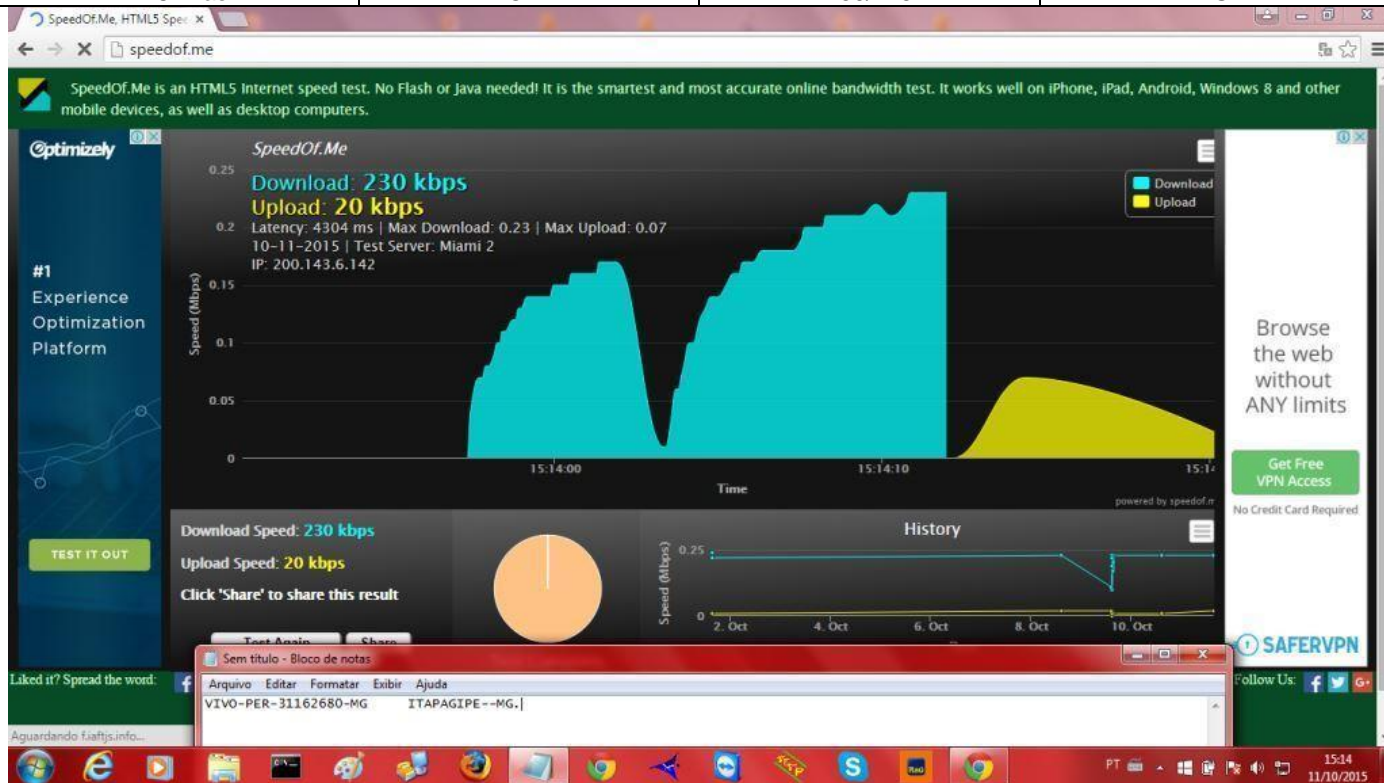**NOC/Operador:** Rogério Momi Frias

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-	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
  1  1    0.000000        0.000000   DVB-S2 2       Yes
```

Satellite (DVB) Receiver Status

```
Rx State       : On
DVB State      : Forward link up
Network        : 1326, GlobalIP@Telstar-14R
Frequency      : 12.055783 GHz
Symbol Rate    : 9.319830 Msps
S2 ModCod
   - receiving   : 13   8PSK-2/3
   - current max : 23   16APSK-9/10
Pilot          : On
Frame length   : Short
DVB S2 Mode    : ACM
Roll off       : 0.25
SNR            : 13.7 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    : 34.7 dBm
EIRP           : 48.0 dBW
Default CW Frequency: 14.125800 GHz
ATM mode          : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
-------------------------------
State          : On (TDMA)
IDU Output Power    : -22.5 dBm
ODU Output Power    : 34.7 dBm
EIRP           : 48.0 dBW
Eb/No          : 14.0 dB
Header Compression  : Disabled
Timing correction   : -206 us (260601 us)
Frequency correction: -270 Hz




ping 8.8.8.8
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=900 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 590/700/900 ms
```