TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

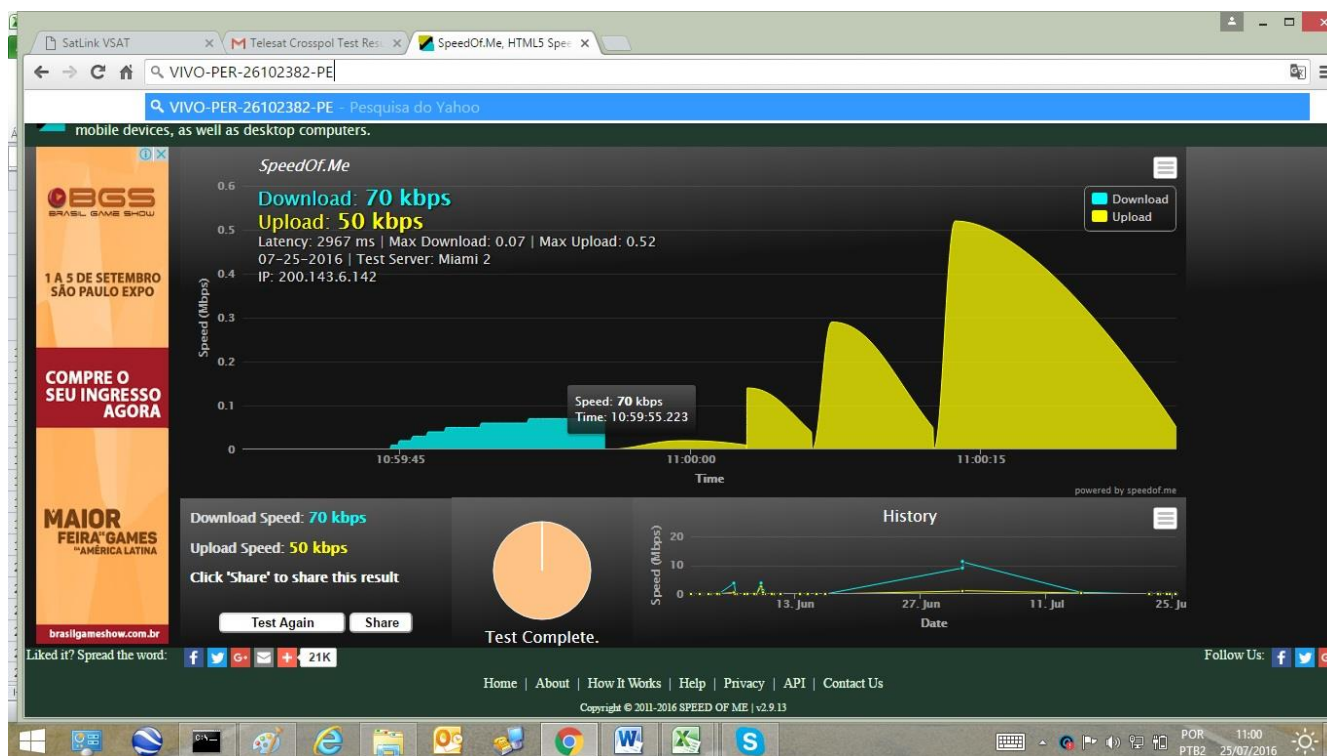**NOC/Operador:** Rogério Momi Frias

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26102382-PE	256/128	VSAT

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 102     0    0.0 E                 Yes
```

Satellite (DVB) Receiver Status

```
Rx State      : On
DVB State      : Forward link up
Network      : 1326,  T14R Beam
Frequency      : 12.056018 GHz
Symbol Rate    : 9.320026 Msps
S2 ModCod
   - receiving   : 14   8PSK-3/4
   - 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        : 13.7 dB
Input Power      : -21 dBm
```

Satellite (DVB) TX Configuration

Auto start   : Enabled
IDU Output Power   : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 35.0 dBm
EIRP   : 48.0 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   : -20.0 dBm
ODU Output Power   : 34.9 dBm
EIRP   : 47.9 dBW
Es/No   : 13.0 dB
Header Compression : Disabled
Timing correction   : -146 us (262282 us)
Frequency correction: -90 Hz