# TERMO DE ACEITE TÉCNICO

**EMC** EMERGING MARKETS COMMUNICATIONS

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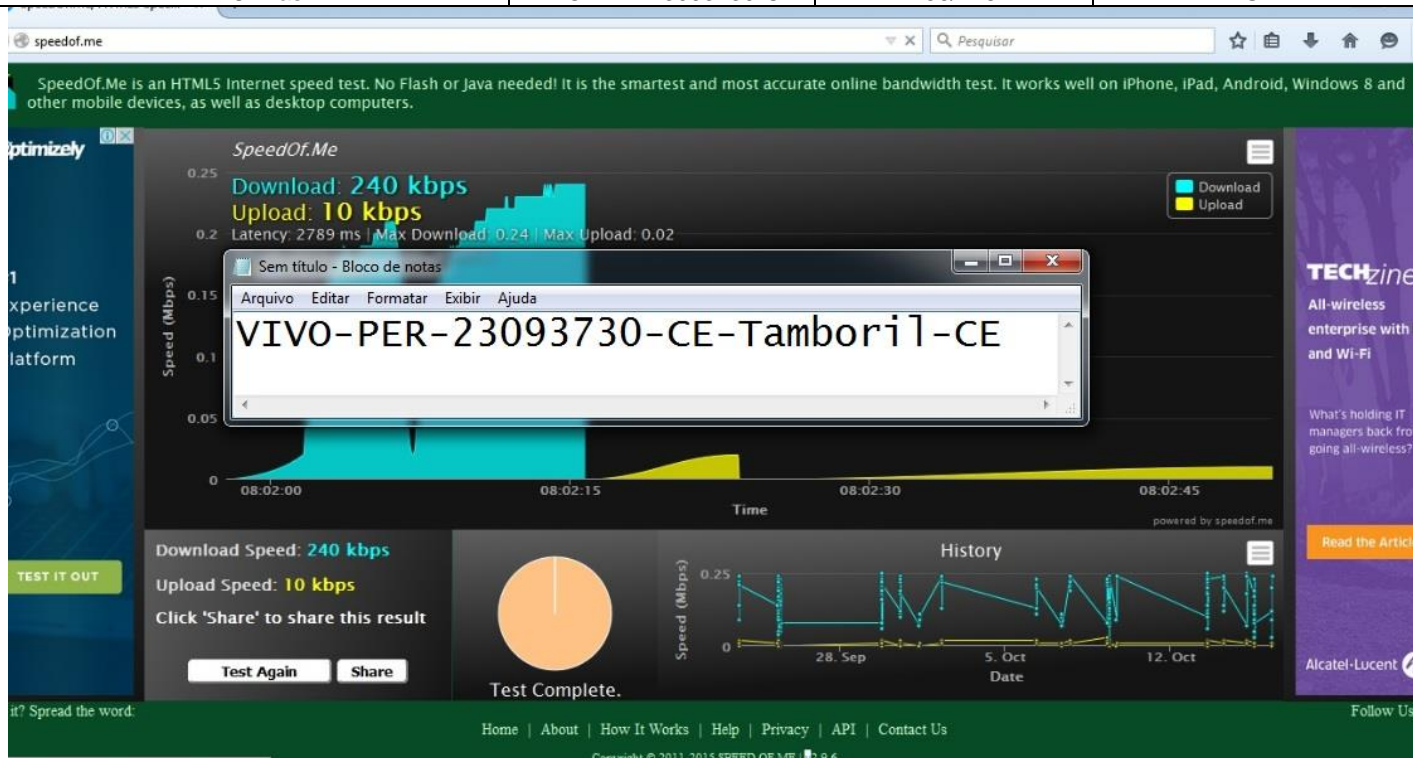
**NOC/Operador:** Rogério Momi Frias

**Cliente:** VIVO

| Empresa | VSAT-ID | Link kbps | Plataforma |
|---|---|---|---|
| EMC Brasil | VIVO-PER-23093730-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         : 12.055880 GHz
Symbol Rate       : 9.320021 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          : 0.20
SNR               : 14.4 dB
Input Power       : -22 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   : -24.7 dBm
ODU Output Power   : 34.5 dBm
EIRP          : 47.8 dBW
Es/No          : 15.0 dB
Header Compression  : Disabled
Timing correction   : -95 us (260477 us)
Frequency correction: -20 Hz




ping 8.8.8.8


64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=1850 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=540 ms
64 bytes from 8.8.8.8: time=530 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 530/860/1850 ms
```