# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais
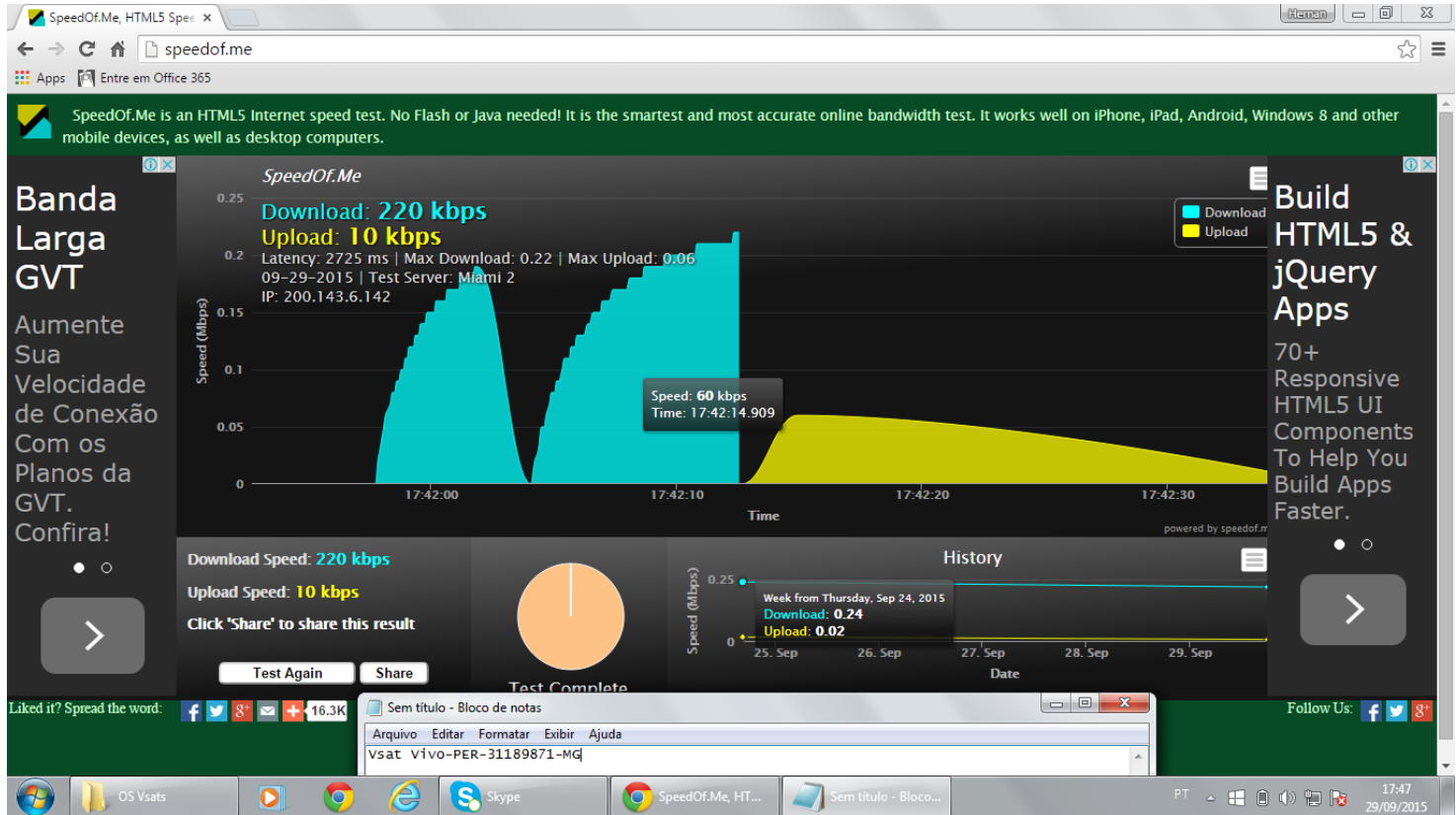
**NOC/Operador:** Paulo Tarso      **Cliente:** VIVO

| Empresa<br>EMC Brasil | VSAT-ID<br>VIVO-PER-31189871-MG | Link kbps<br>256/128 | Plataforma<br>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          : 12.055493 GHz
Symbol Rate        : 9.319900 Msps
S2 ModCod
      - receiving  : 14   8PSK-3/4
      - 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     : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None



Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -26.6 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 13.5 dB
Header Compression   : Disabled
Timing correction    : -4 us (262010 us)
Frequency correction: -410 Hz




Disparando 10.53.0.236 com 32 bytes de dados:
Resposta de 10.53.0.236: bytes=32 tempo=1664ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=551ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=1012ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=727ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=636ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=1267ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=720ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=827ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=743ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=736ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=740ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=658ms TTL=61
Resposta de 10.53.0.236: bytes=32 tempo=662ms TTL=61

Estatísticas do Ping para 10.53.0.236:
    Pacotes: Enviados = 13, Recebidos = 13, Perdidos = 0 (0% de
            perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 551ms, Máximo = 1664ms, Média = 841ms
```

Ping desde dentro da VSAT 8.8# ping 8.8.8.8
64 bytes from 8.8.8.8: time=870 ms
64 bytes from 8.8.8.8: time=1650 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=560 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 550/830/1650 ms8.8