TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

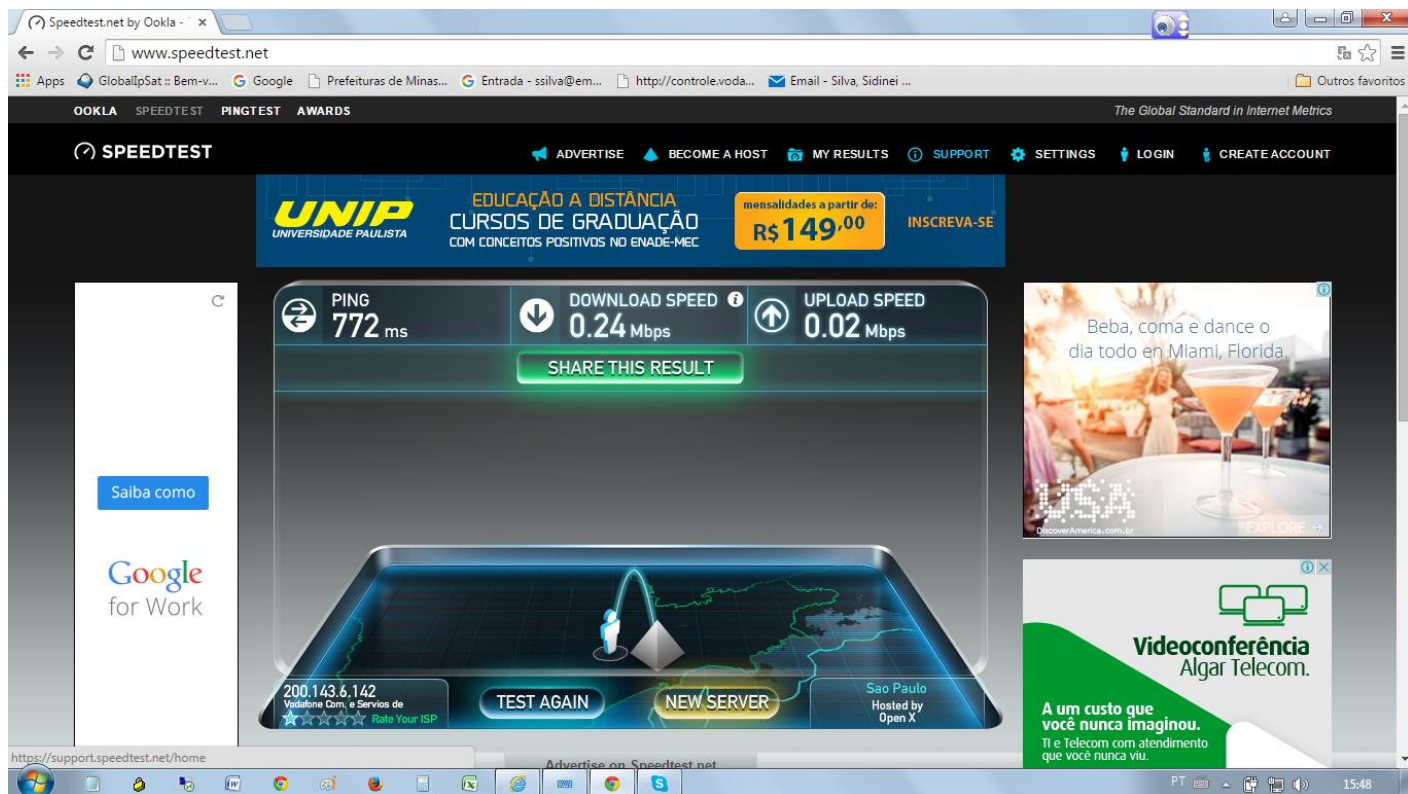**NOC/Operador:** Hernan Martins Alves | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31102954-MG	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           : 12.055622 GHz
Symbol Rate         : 9.319799 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
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SNR                  : 15.0 dB
Input Power          : -24 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     : -20.9 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : 131 us (261586 us)
Frequency correction: -230 Hz




IP DVB 10.53.0.239/32


Pinging 10.29.5.25 with 32 bytes of data:
Reply from 10.29.5.25: bytes=32 time=742ms TTL=61
Reply from 10.29.5.25: bytes=32 time=1766ms TTL=61
Reply from 10.29.5.25: bytes=32 time=1008ms TTL=61
Reply from 10.29.5.25: bytes=32 time=823ms TTL=61
Reply from 10.29.5.25: bytes=32 time=926ms TTL=61
Reply from 10.29.5.25: bytes=32 time=659ms TTL=61
Reply from 10.29.5.25: bytes=32 time=672ms TTL=61
Reply from 10.29.5.25: bytes=32 time=866ms TTL=61
Reply from 10.29.5.25: bytes=32 time=1153ms TTL=61
Reply from 10.29.5.25: bytes=32 time=918ms TTL=61
Reply from 10.29.5.25: bytes=32 time=652ms TTL=61
Reply from 10.29.5.25: bytes=32 time=760ms TTL=61
Reply from 10.29.5.25: bytes=32 time=700ms TTL=61
Reply from 10.29.5.25: bytes=32 time=777ms TTL=61
Reply from 10.29.5.25: bytes=32 time=708ms TTL=61
Reply from 10.29.5.25: bytes=32 time=800ms TTL=61

Ping statistics for 10.29.5.25:
    Packets: Sent = 16, Received = 16, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 652ms, Maximum = 1766ms, Average = 870ms
```