# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

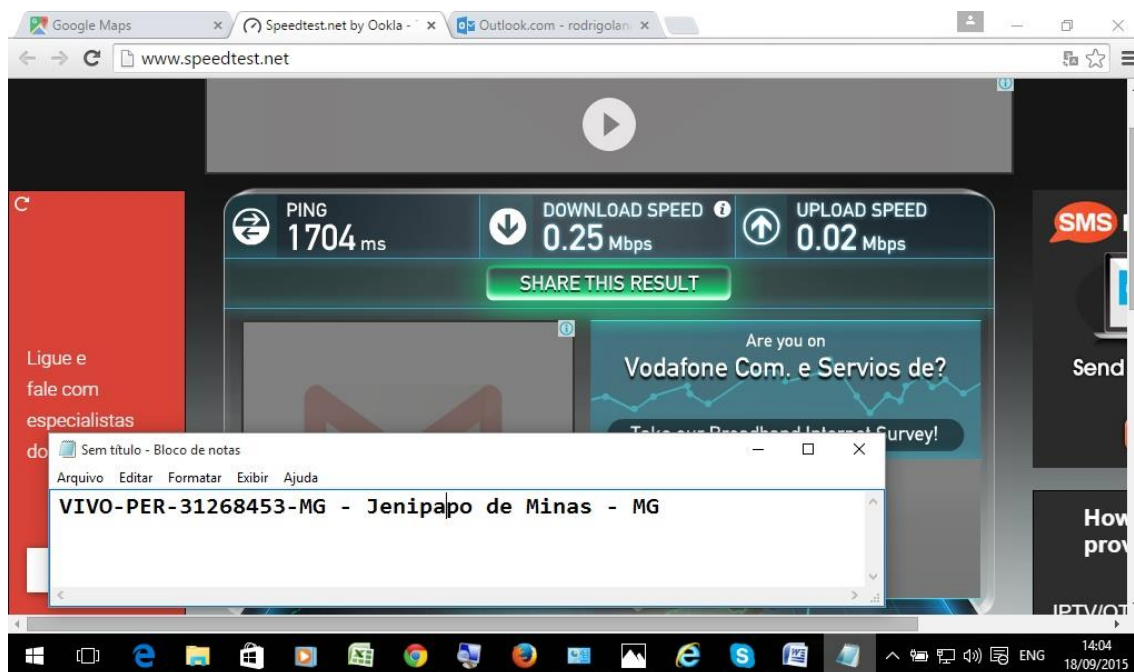| **NOC/Operador:** Renan Borges Sousa | **Cliente:  VIVO** |
|---|---|

| **Empresa** | **VSAT-ID** | **Link kbps** | **Plataforma** |
|---|---|---|---|
| EMC Brasil | VIVO-PER-31268453-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
  1  1      0.000000       0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  GlobalIP@Telstar-14R
Frequency          : 12.055878 GHz
Symbol Rate        : 9.319967 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                : 14.6 dB
Input Power        : -25 dBm
#
Satellite (DVB) TX Configuration
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```

```
Auto start            : Enabled
IDU Output Power      : -20 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      : -20.2 dBm
ODU Output Power      : 34.5 dBm
EIRP                  : 47.8 dBW
Eb/No                 : 15.0 dB
Header Compression  : Disabled
Timing correction     : -175 us (261666 us)
Frequency correction: -310 Hz
#

IP DVB 10.53.0.104/32

c:\>ping 10.29.1.9

Pinging 10.29.1.9 with 32 bytes of data:

Reply from 10.29.1.9: bytes=32 time=2461ms TTL=61
Reply from 10.29.1.9: bytes=32 time=1659ms TTL=61
Reply from 10.29.1.9: bytes=32 time=922ms TTL=61
Reply from 10.29.1.9: bytes=32 time=840ms TTL=61

Ping statistics for 10.29.1.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 840ms, Maximum = 2461ms, Average = 1470ms

c:\>ping 10.53.0.104

Pinging 10.53.0.104 with 32 bytes of data:

Reply from 10.53.0.104: bytes=32 time=1424ms TTL=61
Reply from 10.53.0.104: bytes=32 time=921ms TTL=61
Reply from 10.53.0.104: bytes=32 time=844ms TTL=61
Reply from 10.53.0.104: bytes=32 time=762ms TTL=61

Ping statistics for 10.53.0.104:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 762ms, Maximum = 1424ms, Average = 987ms

#ping 8.8.8.8
# Request timed out
64 bytes from 8.8.8.8: time=2200 ms
64 bytes from 8.8.8.8: time=1310 ms
64 bytes from 8.8.8.8: time=660 ms
64 bytes from 8.8.8.8: time=1410 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 4 received, 20.00 percent packet loss
rtt min/avg/max = 660/1390/2200 ms
```