TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
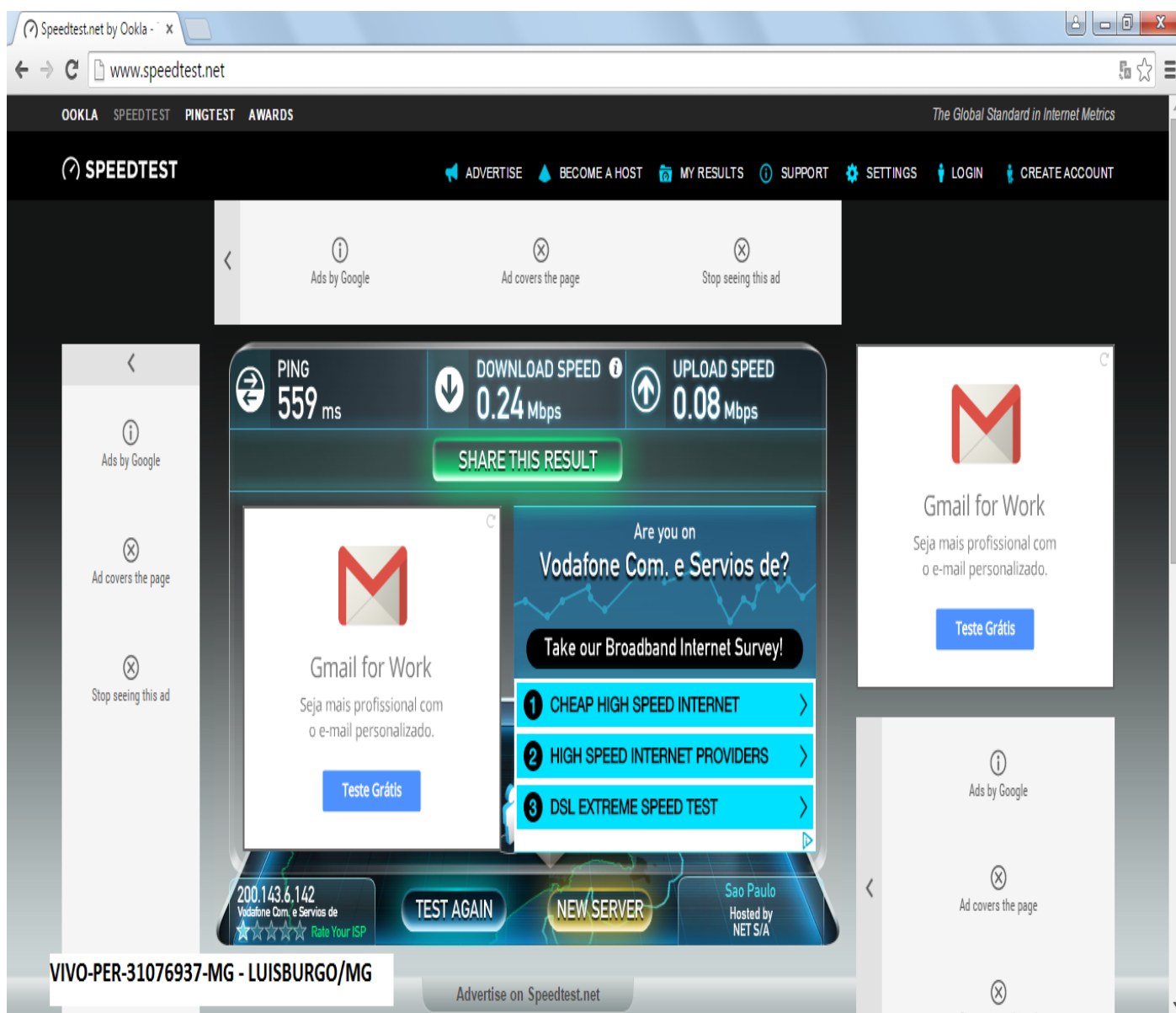
NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31076937-MG	256k/128k	VSAT

VIVO-PER-31076937-MG - LUISBURGO/MG

```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start         : Enabled
IDU Output Power   : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 33.7 dBm
EIRP               : 47.0 dBW
Default CW Frequency: 14.125750 GHz
```

```
ATM mode             : VC-Mux
Header Compression  :   None


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -24.7 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -67 us (262553 us)
Frequency correction: -390 Hz
# dvb rx show

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            : 12.055626 GHz
Symbol Rate          : 9.319998 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                  : 14.5 dB
Input Power          : -24 dBm
#


IP DVB 10.53.0.96/32



Ping desde o MGMT- Server ao IP de trafego e para o DVB.



Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=960 ms
64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=690 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 690/790/960 ms
#
```