TERMO DE ACEITE TÉCNICO

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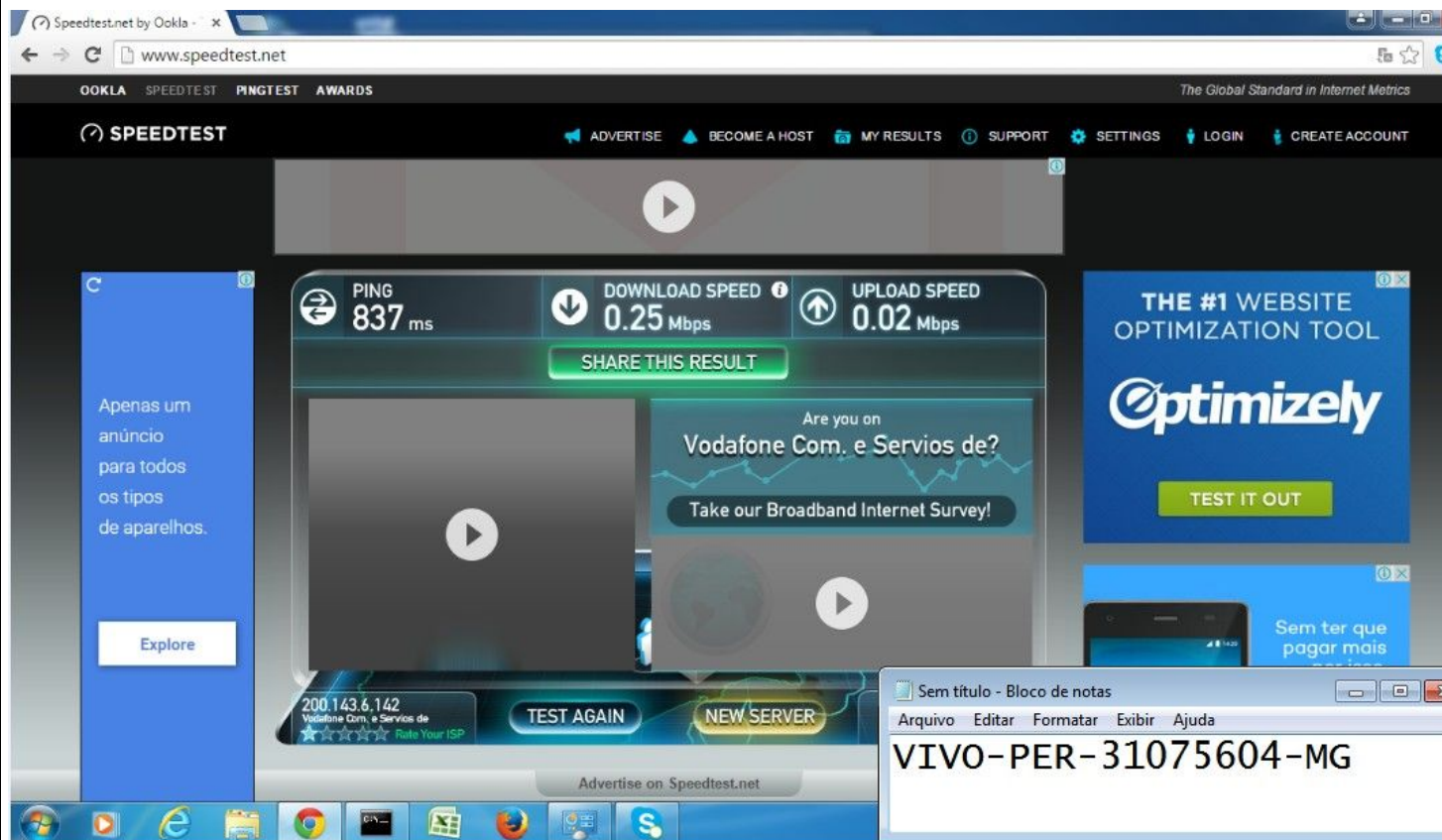
NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-31075604-MG	**Link kbps** 256/128	**Plataforma** VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power     : -22 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     : -18.1 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Eb/No               : 14.0 dB
Header Compression   : Disabled
```

```
Timing correction    : -191 us (262574 us)
Frequency correction: -200 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
  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            : 12.055691 GHz
Symbol Rate          : 9.319916 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             : 0.25
SNR                  : 14.5 dB
Input Power          : -25 dBm
# ping 8.8.8.8


IP DVB 10.53.0.161/32


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=1540 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=890 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=580 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 550/890/1540 ms
#
```