EMC EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

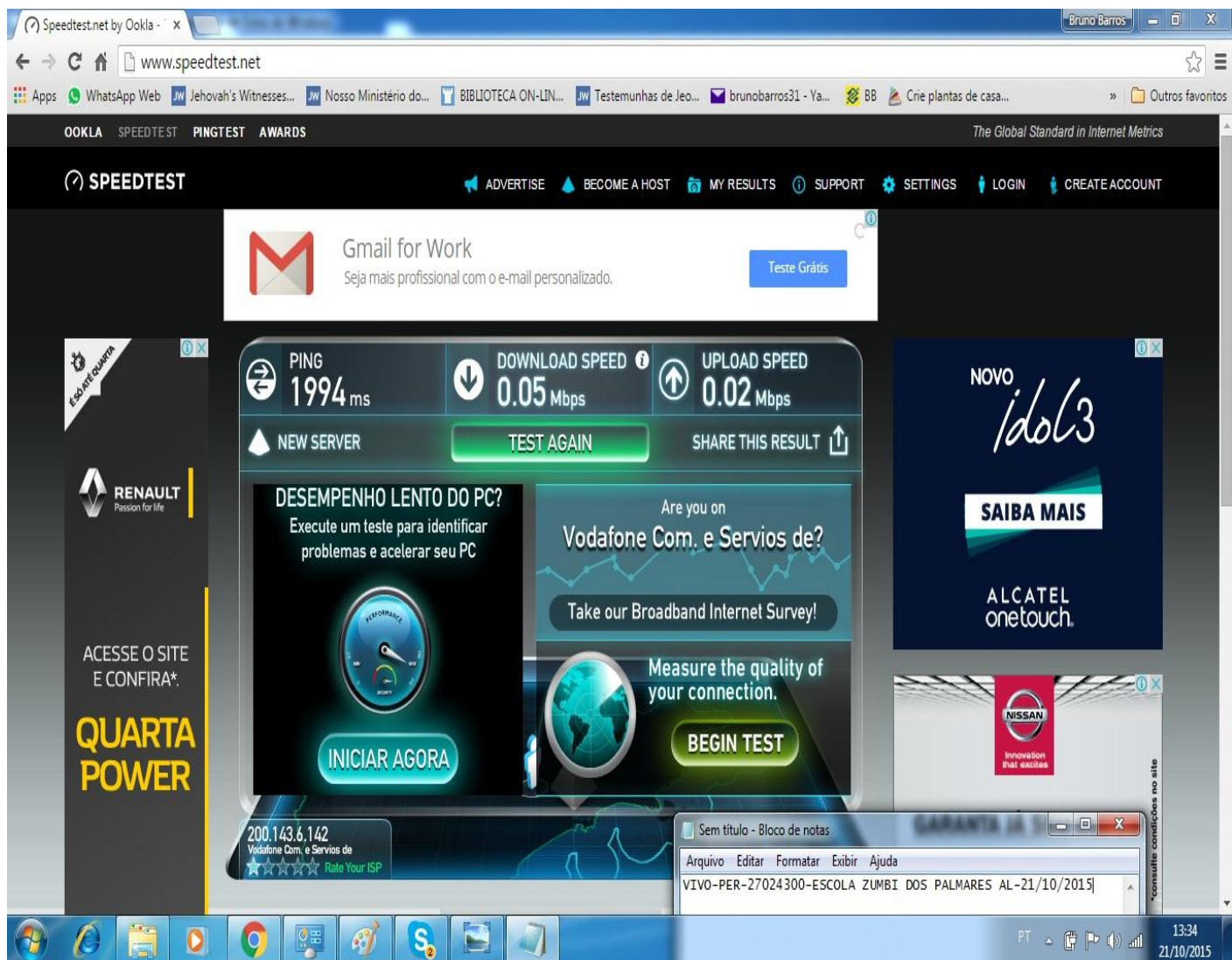**Solicitante:** VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos	**Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-27024300-AL	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
```

```
State                 : On (TDMA)
IDU Output Power      : -18.3 dBm
ODU Output Power      : 34.0 dBm
EIRP                  : 47.3 dBW
Eb/No                 : 14.0 dB
Header Compression    : Disabled
Timing correction     : -182 us (262361 us)
Frequency correction: -370 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             : 12.055835 GHz
Symbol Rate           : 9.319932 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                   : 14.4 dB
Input Power           : -30 dBm
#



IP DVB 10.50.0.93/32



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=870 ms
64 bytes from 8.8.8.8: time=920 ms
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=790 ms


--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 760/830/920 ms
#
```