EMC EMERGING MARKETS COMMUNICATIONS	**TERMO DE ACEITE TÉCNICO**

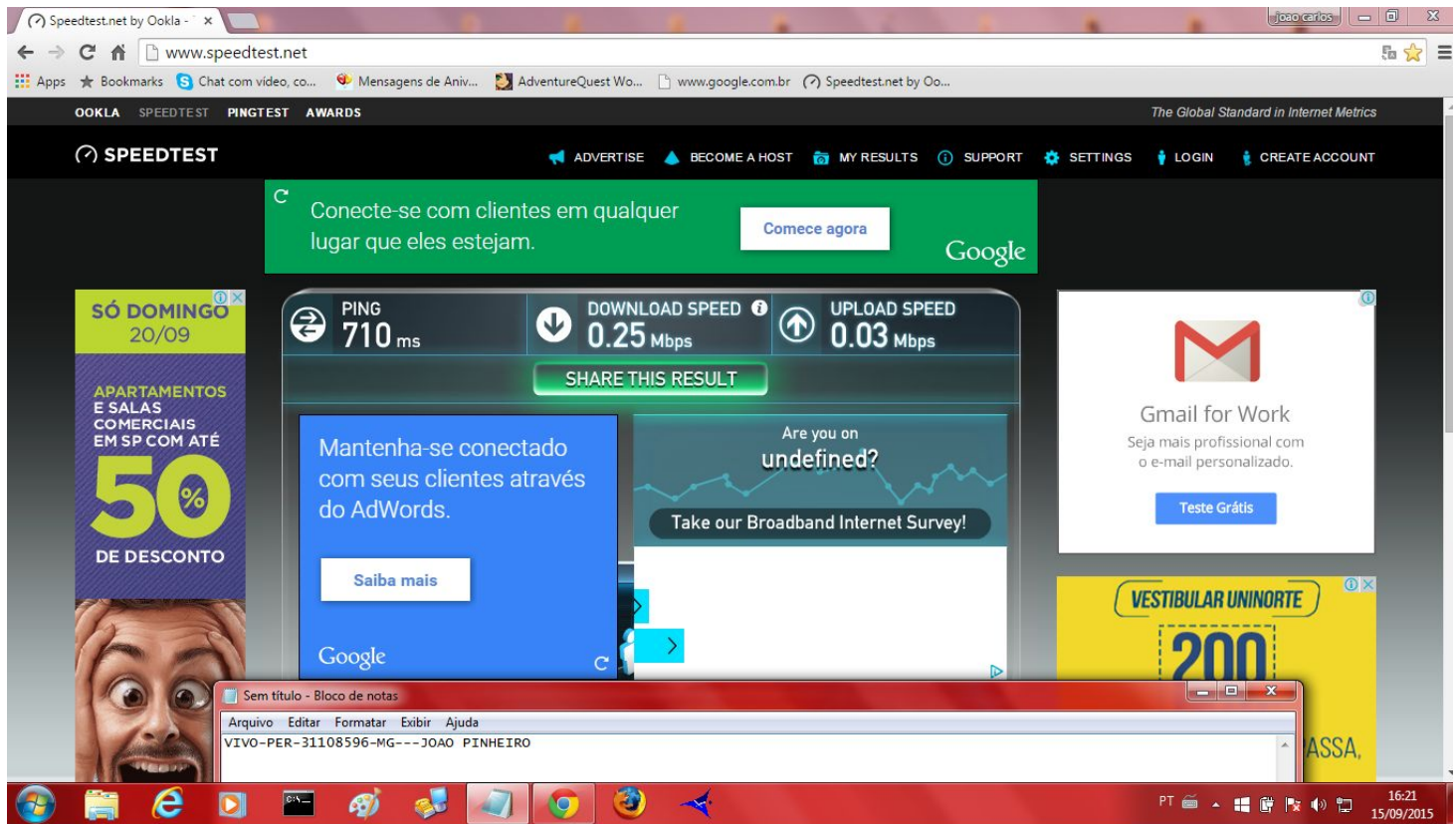**Solicitante:** VIVO- Projeto Escolas Rurais

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

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31108596-MG	256/128	VSAT


```
# 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: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -20.0 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.1 dBW
Es/No               : 14.5 dB
```

```
Header Compression   : Disabled
Timing correction    : -197 us (260740 us)
Frequency correction: -160 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            : 12.055740 GHz
Symbol Rate          : 9.319970 Msps
S2 ModCod
       - receiving   : 16    8PSK-8/9
       - current max : 23    16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.2 dB
Input Power          : -28 dBm
#




IP DVB 10.53.0.140/32


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

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Ping desde dentro da VSAT 8.8.8.8


Frequency correction: -210 Hz
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=2100 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=920 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 900/1140/2100 ms
#
```