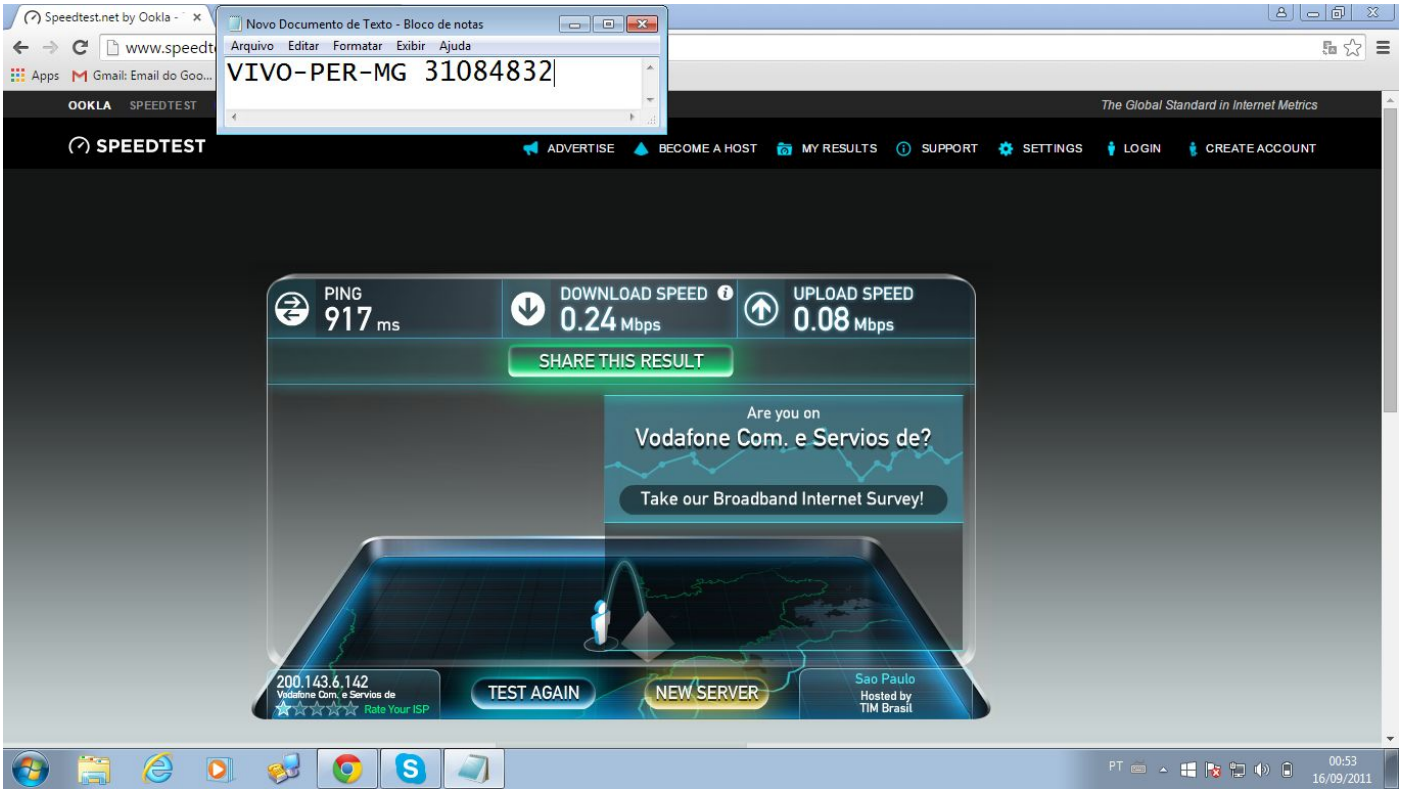
TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31084832-MG	256k/128k	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    : -19.0 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.1 dBW
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -145 us (260800 us)
Frequency correction: -300 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           : 12.055746 GHz
Symbol Rate         : 9.319928 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                 : 14.2 dB
Input Power         : -28 dBm
# dvb tx show


IP DVB 10.148.0.0/32


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=2290 ms
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=800 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=700 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 700/1080/2290 ms
#
```