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

Solicitante: VIVO- Projeto Escolas Rurais
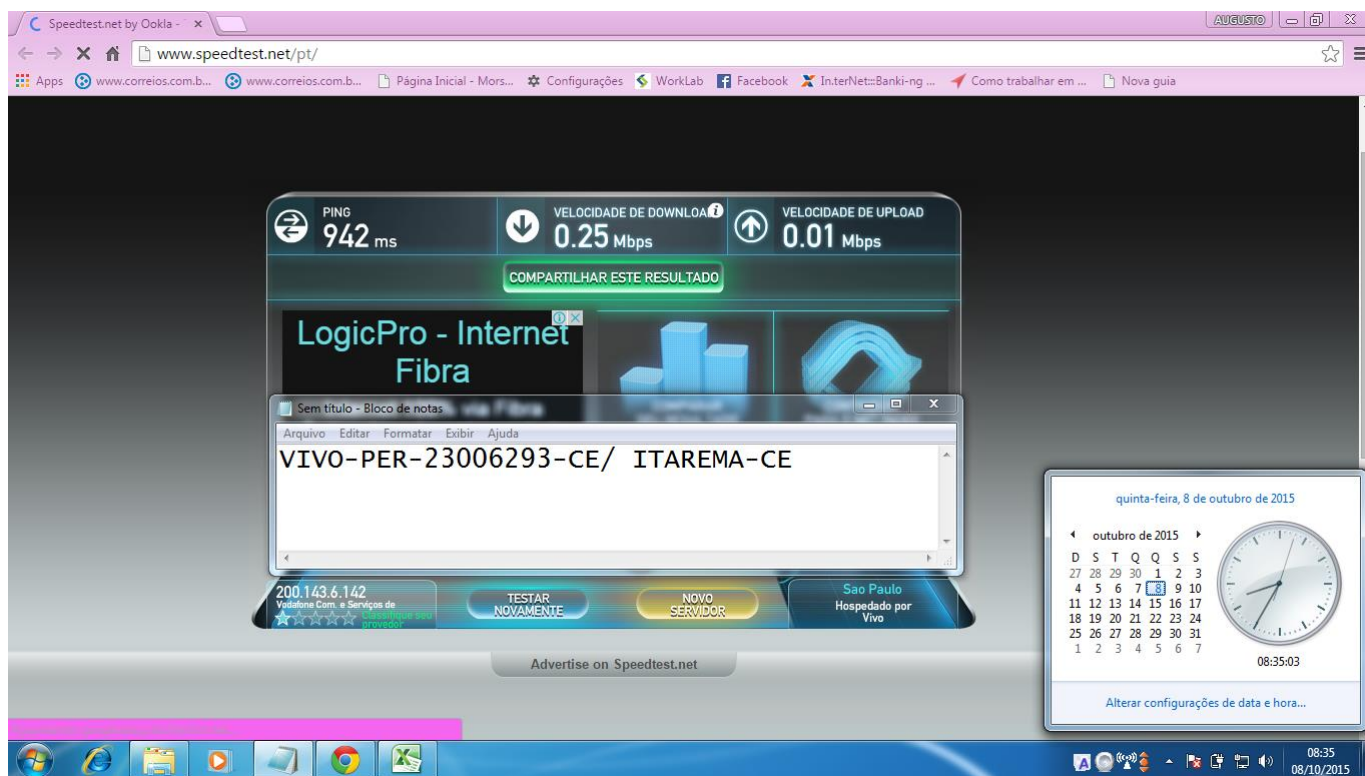
NOC/Operador: Renan Borges Sousa	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-23006293-CE	**Link kbps** 256/128	**Plataforma** VSAT


```
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           : 12.055775 GHz
Symbol Rate         : 9.319934 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                 : 15.1 dB
Input Power         : -26 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -15 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      : -23.0 dBm
ODU Output Power      : 33.7 dBm
EIRP                  : 47.0 dBW
Eb/No                 : 13.0 dB
Header Compression   : Disabled
Timing correction    : -101 us (260444 us)
Frequency correction: -340 Hz


IP DVB 10.50.0.54/32



#ping 8.8.8.8
# 64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=1100 ms
64 bytes from 8.8.8.8: time=950 ms
64 bytes from 8.8.8.8: time=520 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/760/1100 ms
```