<table>
<tr><td colspan="2" rowspan="2">

</td><td colspan="2"><h1>TERMO DE ACEITE TÉCNICO</h1></td></tr>
</table>

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

Solicitante: VIVO- Projeto Escolas Rurais
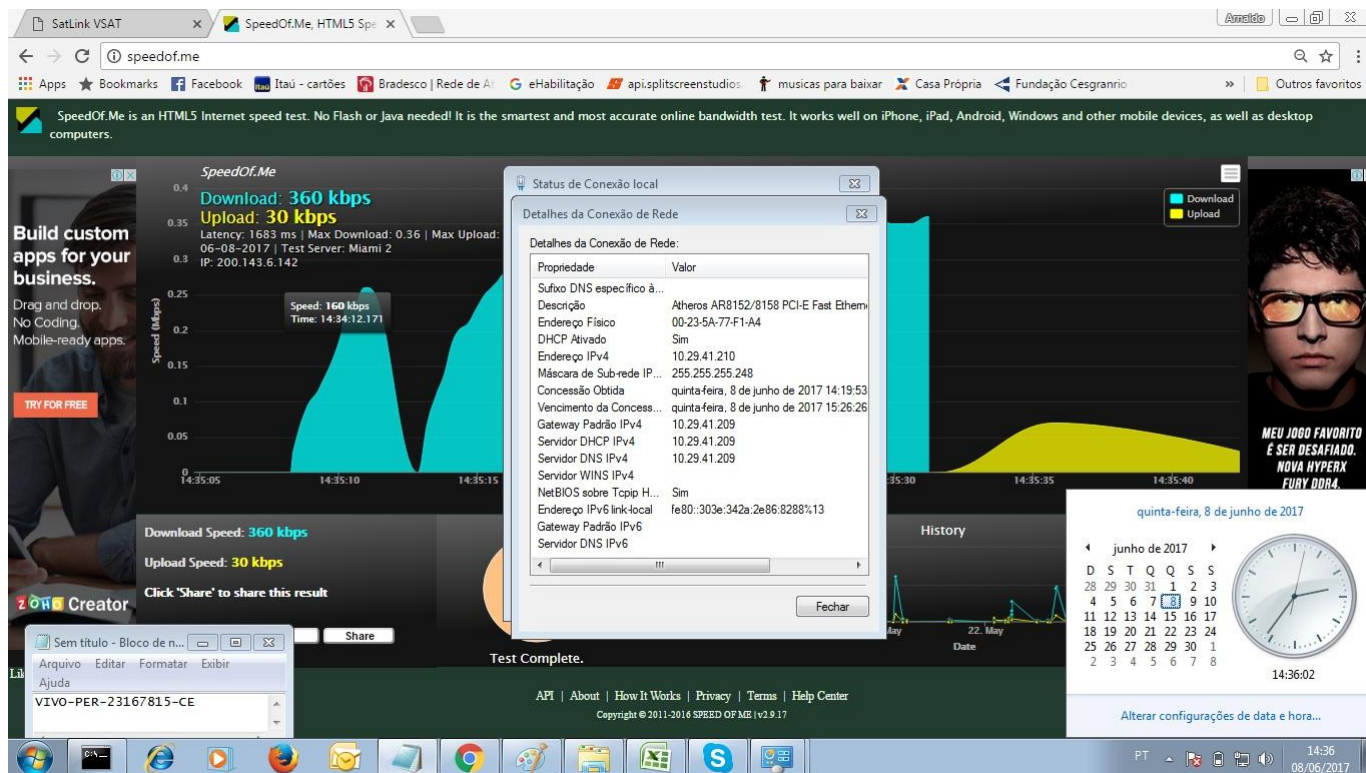
NOC/Operador: Wallace Teixeira	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-23167815-CE	**Link kbps** 256k/128k	**Plataforma** VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -20.2 dBm
Es/No               : 11.0 dB
Header Compression  : Disabled
Timing correction   : -133 us (254370 us)
Frequency correction: -40 Hz
# dvb rx show


Satellite (DVB) RX Configuration
```

```
--------------------------------
Auto start            : Enabled
Max Traffic MODCOD    : 23    16APSK-9/10
RX watchdog           : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]  Mode    PopId   SatId  Pos   SatName           Name
Enable
* 0  0     15.000000       12.059000  DVB-S2  102         0   0.0 E
Yes
  1  1      9.320000       12.055825  DVB-S2  4           0   0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State              : On
DVB State             : Forward link up
Network               : 1326,  T14R Beam
Frequency             : 12.059084 GHz
Symbol Rate           : 15.000075 Msps
S2 ModCod
       - receiving    : 14    8PSK-3/4
       - current max  : 22    16APSK-8/9
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type    : MPEG-TS
Roll off              : 0.20
SNR                   : 15.4 dB
Input Power           : -30 dBm
#
```