![EMC - Emerging Markets Communications]

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
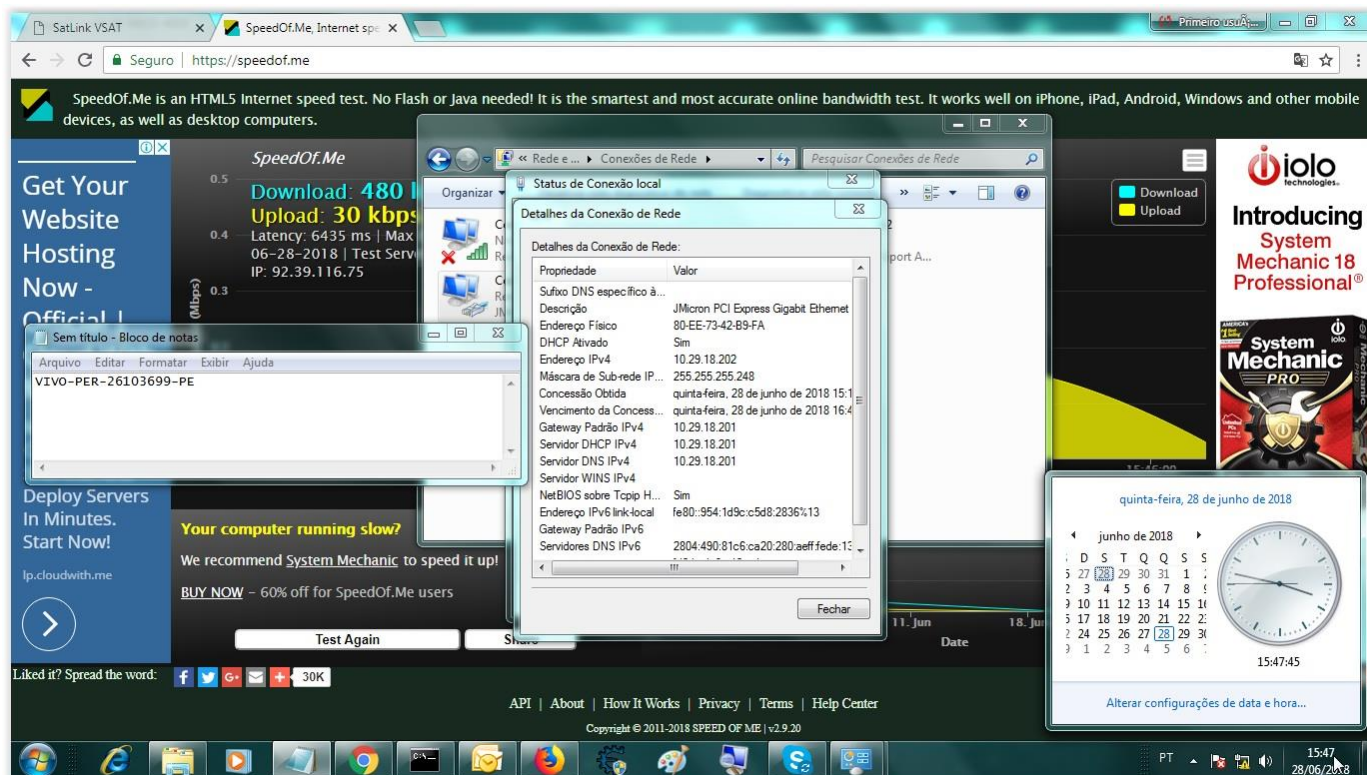
NOC/Operador: Guilherme Cunha | **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26103699-PE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
-------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -17.2 dBm
ODU Output Power    : 34.5 dBm
EIRP                : 47.5 dBW
Es/No               : 11.0 dB
Header Compression  : Disabled
Timing correction   : 54 us (250406 us)
Frequency correction: 90 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    30.000000      11.592000 DVB-S2 102        0    0.0 E
Yes
  1  1    25.333000      11.592000 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              : 11.592257 GHz
Symbol Rate            : 29.999746 Msps
S2 ModCod
       - receiving     : 21    16APSK-5/6
       - 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                    : 16.4 dB
Input Power            : -14 dBm
```