![EMC logo] 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-31075299-MG0	256k/128k	VSAT
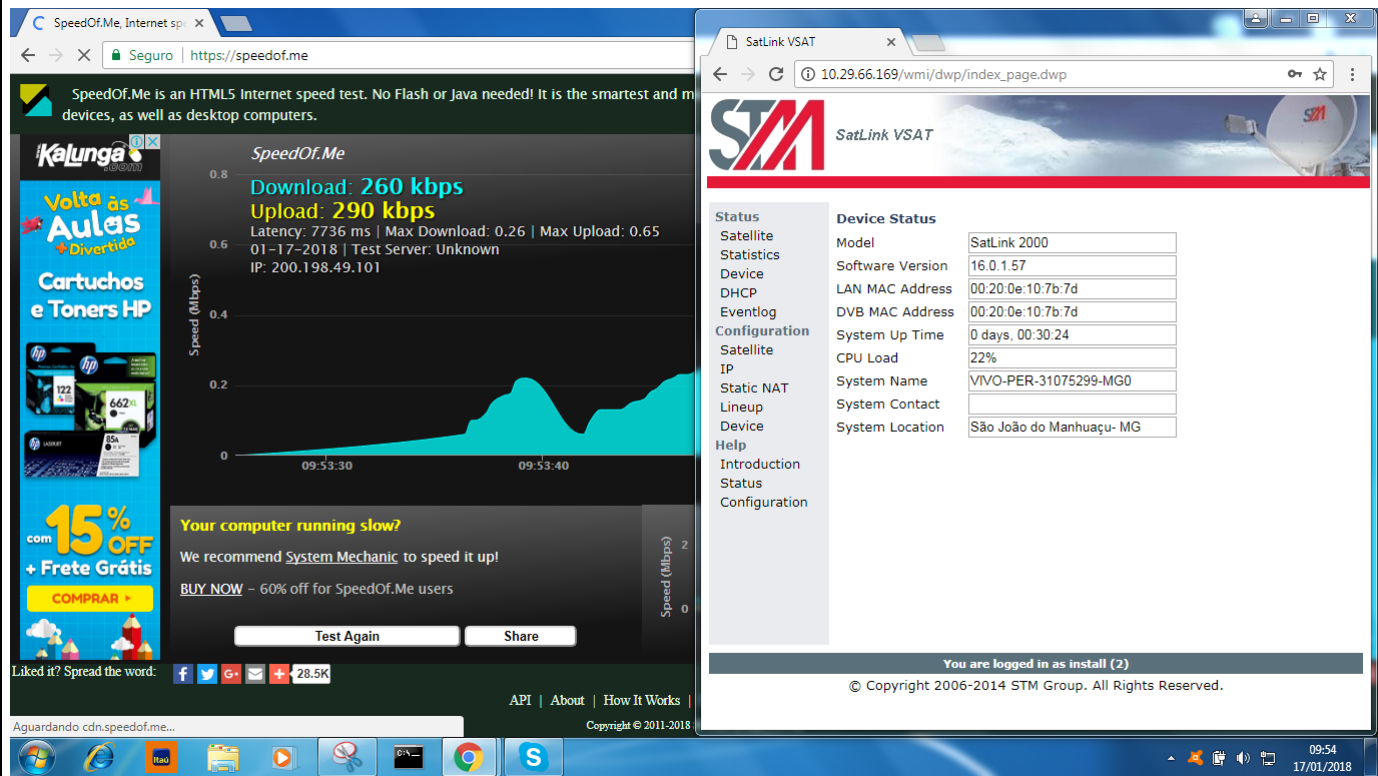

```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -17 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    : -16.9 dBm
Es/No               : 14.5 dB
Header Compression  : Disabled
Timing correction   : -71 us (250350 us)
Frequency correction: 200 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       12.050000 DVB-S2 102           0    0.0 E
Yes
   1   1      25.333333       12.050000 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             : 12.050010 GHz
Symbol Rate           : 30.000173 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                   : 15.9 dB
Input Power           : -35 dBm
```