

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

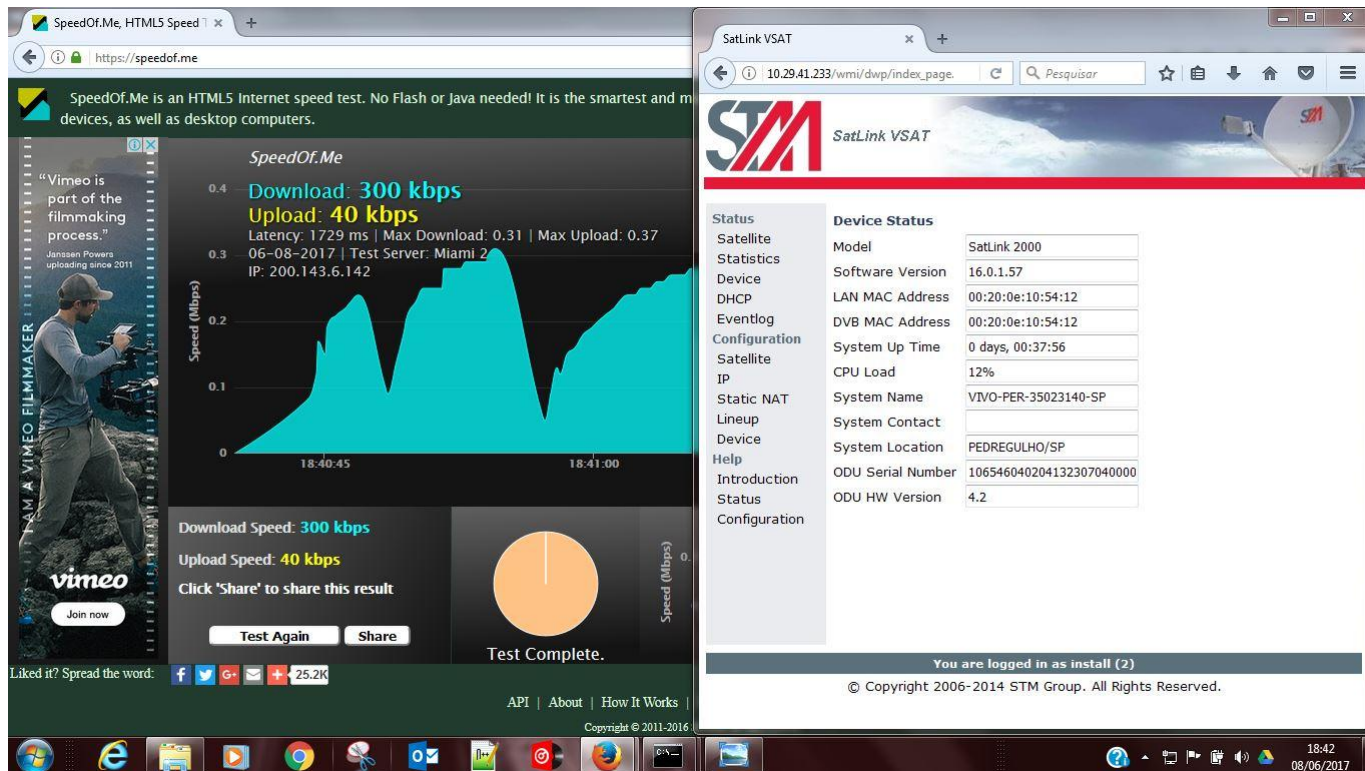
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-35023140-SP

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -10 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.7 dBm
EIRP                 : 49.0 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     : -12.1 dBm
ODU Output Power     : 36.0 dBm
EIRP                 : 49.3 dBW
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction     : -88 us (254478 us)
```

Frequency correction: 50 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 : 12.059225 GHz
Symbol Rate : 15.000063 Msps
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 18 16APSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 12.2 dB
Input Power : -30 dBm

The screenshot shows the SatLink VSAT web interface. The top navigation bar includes links for Status, Statistics, Device, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, and Configuration. The main content area displays the 'Device Status' for a 'SatLink 2000' device. The status includes: Software Version 16.0.1.57, LAN MAC Address 00:20:0e:10:54:12, DVB MAC Address 00:20:0e:10:54:12, System Up Time 0 days, 00:37:56, CPU Load 12%, System Name VIVO-PER-35023140-SP, System Contact, System Location PEDREGULHO/SP, ODU Serial Number 106546040204132307040000, and ODU HW Version 4.2. A footer message states 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'

The screenshot shows a Windows command prompt window. The first part of the output displays a series of ping responses from 8.8.8.8, showing consistent times and TTL values. Below this, it shows 'Estatísticas do Ping para 8.8.8.8:' with statistics: Pacotes: Enviados = 129, Recebidos = 129, Perdidos = 0 (0% de perda). It also provides approximate round-trip times in milliseconds: Mínimo = 504ms, Máximo = 2154ms, Média = 827ms. The user then enters the command 'arp -a', which displays the ARP table for the interface 10.29.41.234. The table lists several IP addresses and their corresponding MAC addresses and types (static or dynamic).