

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

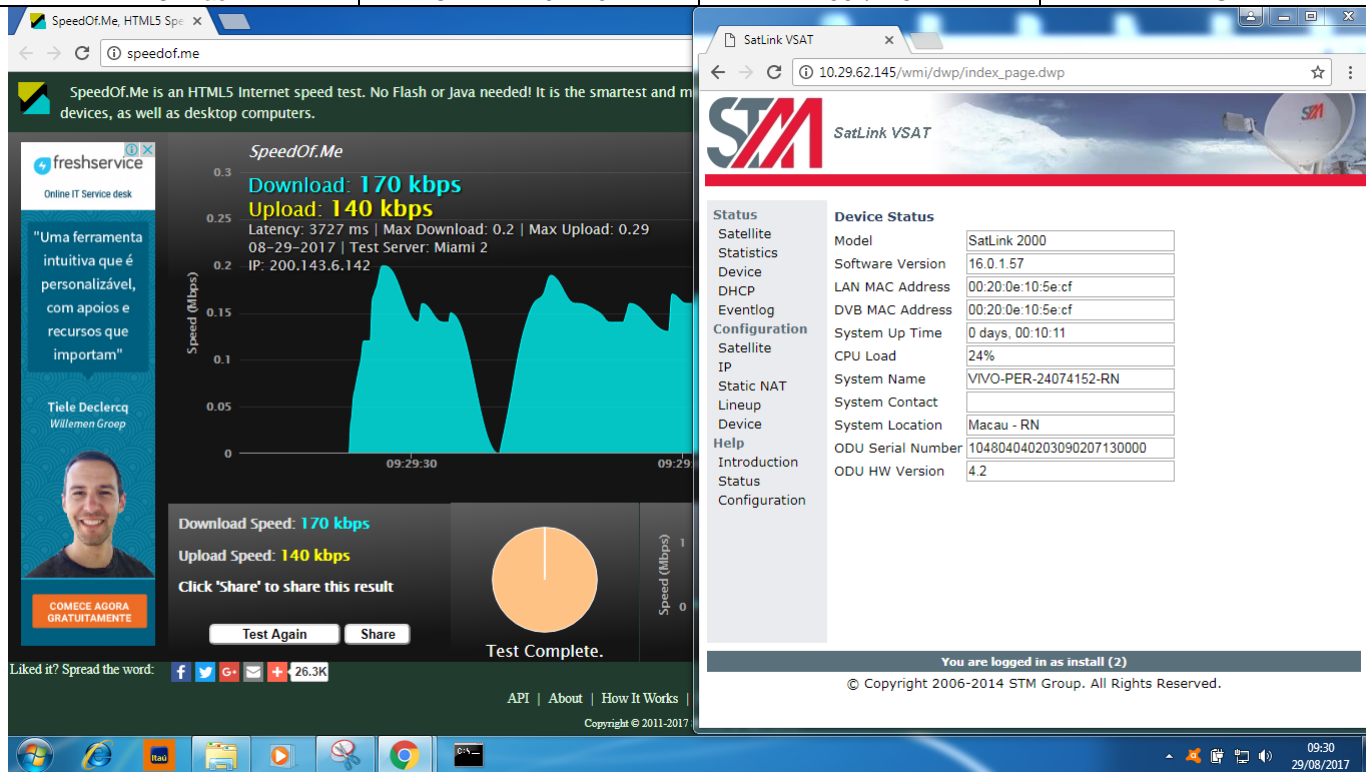
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-24074152-RN

Link kbps
256k/128k

Plataforma
VSAT



Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -19.0 dBm
ODU Output Power     : 32.4 dBm
EIRP                 : 45.7 dBW
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction    : -19 us (250658 us)
Frequency correction : -90 Hz
```


Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
-----	-----	----------------	-----------	------	-------	-------	-----	---------	------

Enable
* 0 0 25.333333 12.050000 DVB-S2 102 0 0.0 E
Yes
1 1 15.000000 12.059000 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 : 12.049905 GHz
Symbol Rate : 25.332196 Msps
S2 ModCod
- receiving : 12 8PSK-3/5
- 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 : 14.9 dB
Input Power : -24 dBm

The screenshot displays a Windows desktop environment. On the left, a web browser window titled 'SatLink VSAT' is open, showing the 'Device Status' page. The page includes a sidebar with navigation links (Status, Statistics, Device, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, Configuration) and a main content area with a table of system parameters. The parameters include Model (SatLink 2000), Software Version (16.0.1.57), LAN MAC Address (00:20:0e:10:5e:cf), DVB MAC Address (00:20:0e:10:5e:cf), System Up Time (0 days, 00:04:16), CPU Load (21%), System Name (VIVO-PER-24074152-RN), System Contact, System Location (Macau - RN), ODU Serial Number (104804040203090207130000), and ODU HW Version (4.2). A status bar at the bottom of the web page indicates 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a 'CMD - Atalho' window is open, displaying a series of ping responses to the IP address 8.8.8.8. The responses show a consistent TTL of 44 and varying response times (tempo) ranging from approximately 563ms to 743ms. At the bottom of the CMD window, statistics for the ping are shown: 'Estatísticas de Ping para 8.8.8.8: Pacotes: Enviados = 52, Recebidos = 51, Perdidos = 1 (1% de perda). Aproximar um número redondo de vezes em milissegundos: Mínimo = 563ms, Máximo = 1952ms, Média = 794ms. Control-C ^C C:\Windows\System32>'. The taskbar at the bottom of the desktop shows the time as 08:32 on 29/08/2017.