

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

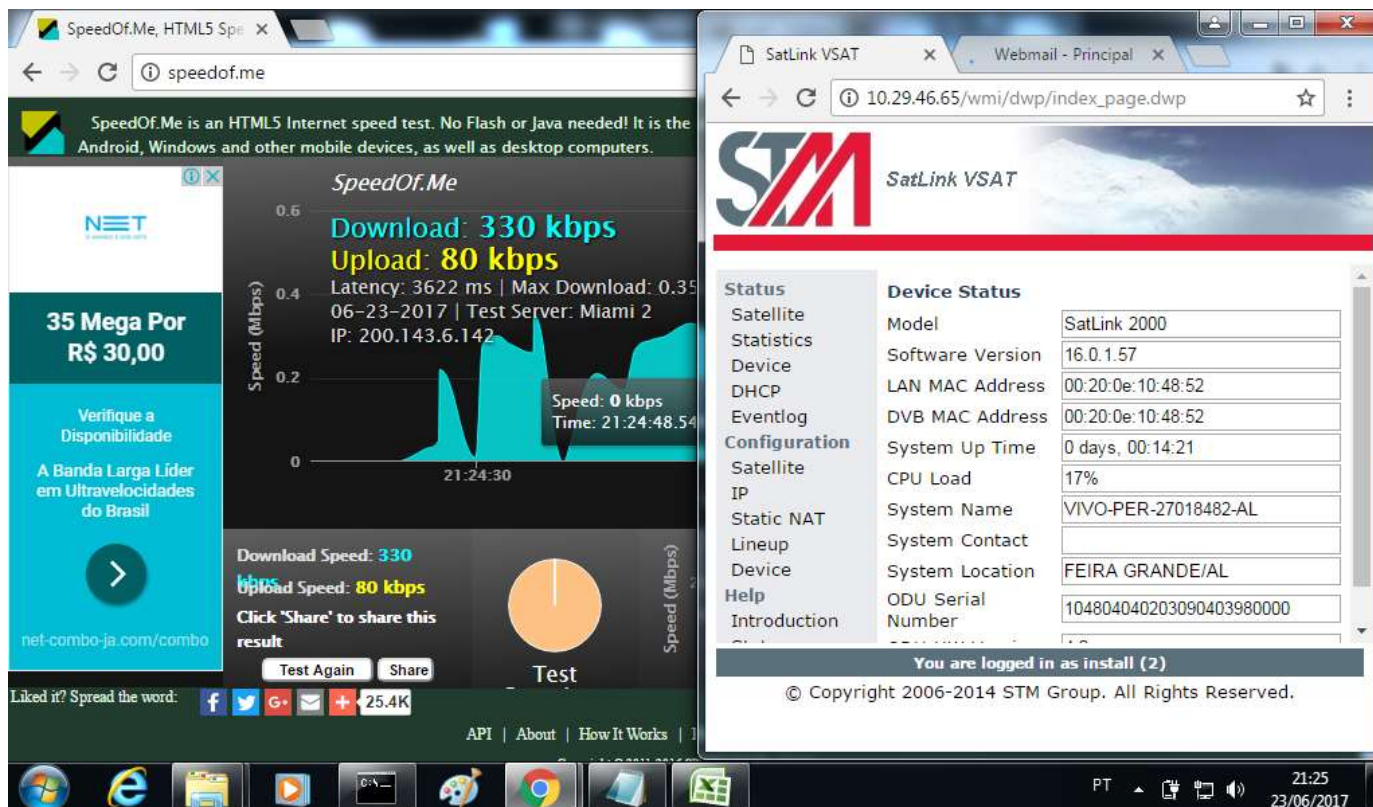
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-27018482-AL

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     : 33.0 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     : -19.9 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 45.9 dBW
Es/No                : 11.0 dB
Header Compression   : Disabled
Timing correction    : -70 us (251038 us)
Frequency correction : -80 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[Mbps]	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								
* 6	6	25.333333	12.050000	DVB-S2	102	0	0.0 E	
Yes								
7	7	30.000000	12.050000	DVB-S2	102	0	0.0 E	
Yes								

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, T14R Beam
Frequency            : 12.050268 GHz
Symbol Rate          : 25.333099 Msps
S2 ModCod
- receiving          : 19   16APSK-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                   : 14.9 dB
Input Power          : -30 dBm
```

The screenshot displays a web browser window at the URL `10.29.46.65/wmi/dwp/index_page.dwp` showing the SatLink VSAT status page. The page includes a sidebar with navigation links (Status, Configuration, Help) and a main content area with a table of device status information.

Device Status	
Model	SatLink 2000
Software Version	16.0.1.57
LAN MAC Address	00:20:0e:10:48:52
DVB MAC Address	00:20:0e:10:48:52
System Up Time	0 days, 00:52:45
CPU Load	19%
System Name	VIVO-PER-27018482-AL
System Contact	
System Location	FEIRA GRANDE/AL
ODU Serial Number	104804040203090403980000
ODU HW Version	4.2

Below the table, it states "You are logged in as install (2)".

Overlaid on the right side of the browser window is a Windows command prompt window titled "cmd - Atalho". It shows the output of a series of ping commands to `8.8.8.8`, followed by a netstat command and an arp command. The netstat output shows connections to `8.8.8.8` on port 80. The arp command output shows the IP-to-MAC mapping for `10.29.46.66` and `8.8.8.8`.

The Windows taskbar at the bottom shows the date and time as 23/06/2017, 20:48.