

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

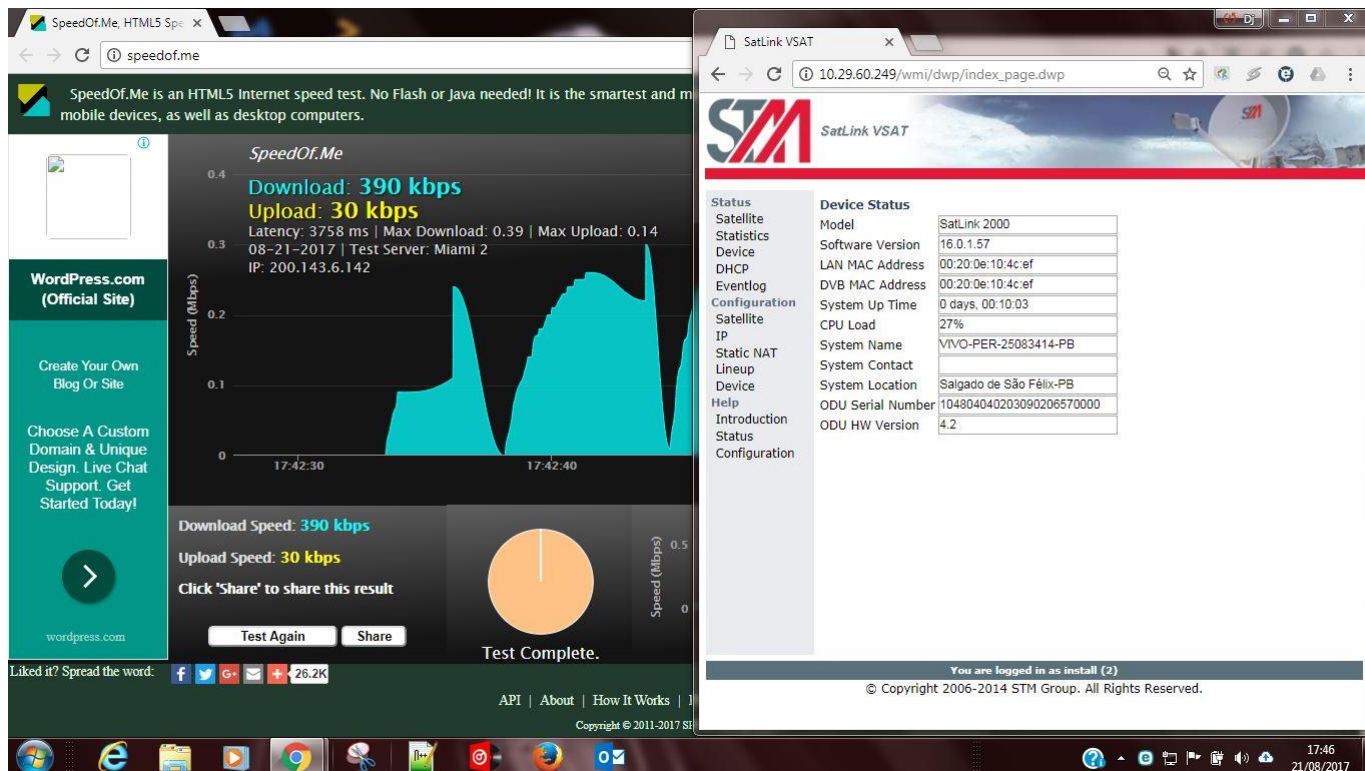
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25083414-PB

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     : -19.2 dBm
ODU Output Power     : 31.9 dBm
EIRP                 : 45.2 dBW
Es/No                : 11.5 dB
Header Compression   : Disabled
Timing correction    : -76 us (251209 us)
Frequency correction : -220 Hz
#
```

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Mps]	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 : 12.050280 GHz
Symbol Rate : 25.332864 Msps
S2 ModCod
- receiving : 20 16APSK-4/5
- 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 : 14.5 dB
Input Power : -21 dBm

The screenshot displays a Windows desktop environment. On the left, a web browser window shows the 'SatLink VSAT' web interface. The interface includes a sidebar with navigation links (Status, Satellite, Statistics, Device, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, Configuration) and a main content area titled 'Device Status'. The 'Device Status' section contains a table with the following information:

Field	Value
Model	SatLink 2000
Software Version	16.0.1.57
LAN MAC Address	00:20:0e:10:4c:ef
DVB MAC Address	00:20:0e:10:4c:ef
System Up Time	0 days, 00:10:45
CPU Load	19%
System Name	VIVO-PER-25083414-PB
System Contact	
System Location	Salgado de São Félix-PB
ODU Serial Number	104804040203090206570000
ODU HW Version	4.2

Below the table, it states 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a command prompt window titled 'C:\Windows\system32\cmd.exe' displays the output of a series of ping commands to the IP address 8.8.8.8. The output shows 44 successful responses, each with a time of approximately 563ms to 1485ms and TTL=44. Below the ping results, the command 'Control-C' is entered, followed by 'C:\Users\DjTornados>arp -a'. The output of the 'arp -a' command shows the IP-to-MAC address mapping for the interface 10.29.60.250, including the static IP address 224.0.0.255 and the dynamic IP address 10.29.60.249.