

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

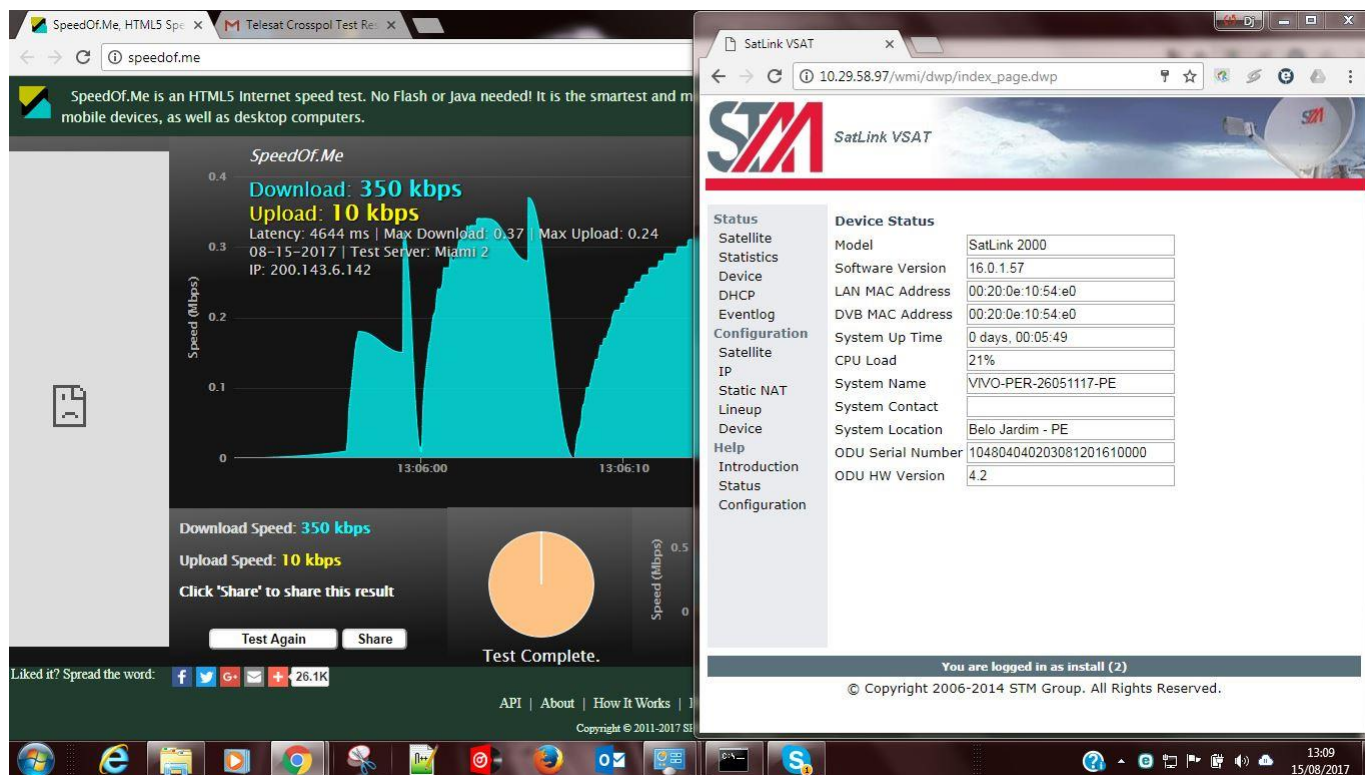
Cliente: Vivo

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26051117-PE

Link kbps
256K/128K

Plataforma
VSAT



```
# dvb tx show
```

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     : -12.9 dBm
ODU Output Power     : 31.9 dBm
EIRP                 : 45.2 dBW
```

Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -74 us (250888 us)
Frequency correction: -150 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[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name		Enable						
* 0	0	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 : 12.049938 GHz
Symbol Rate : 25.332883 Msp/s
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 20 16APSK-4/5
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 14.2 dB
Input Power : -25 dBm

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name		Enable						
* 0	0	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 : 12.049938 GHz
Symbol Rate : 25.332890 Msps
S2 ModCod
- receiving : 12 8PSK-3/5
- current max : 20 16APSK-4/5
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 14.2 dB
Input Power : -25 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:

Model	SatLink 2000
Software Version	16.0.1.57
LAN MAC Address	00:20:0e:10:54:e0
DVB MAC Address	00:20:0e:10:54:e0
System Up Time	0 days, 00:05:49
CPU Load	21%
System Name	VIVO-PER-26051117-PE
System Contact	
System Location	Belo Jardim - PE
ODU Serial Number	104804040203081201610000
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 20 successful responses with varying times (e.g., 676ms, 743ms, 831ms) and TTL=44. Below the ping results, it shows the output of the 'arp -a' command, displaying the ARP table for the interface 10.29.58.98. The table lists IP addresses, physical addresses, and their types (dynamic or static).

The taskbar at the bottom shows various application icons, including Internet Explorer, File Explorer, and Google Chrome. The system clock in the bottom right corner indicates the time is 12:35 on 15/08/2017.