

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Wallace Teixeira

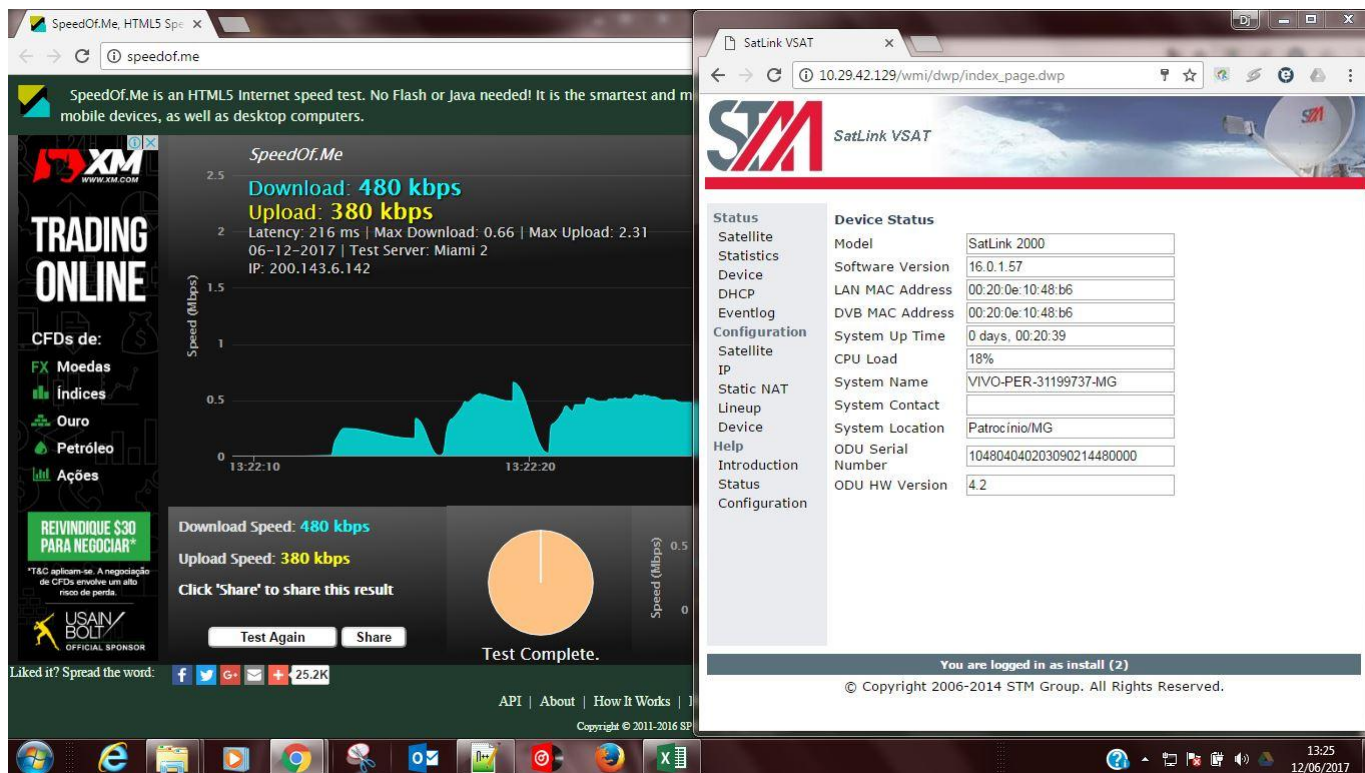
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31199737-MG

**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     : 33.7 dBm
EIRP                 : 47.0 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     : -16.6 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 11.5 dB
Header Compression   : Disabled
Timing correction     : -48 us (254191 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									

### Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.059182 GHz  
Symbol Rate : 15.000090 Msps  
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 : 13.6 dB  
Input Power : -26 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, 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 shows details for a 'SatLink 2000' device, including software version (16.0.1.57), LAN MAC address (00:20:0e:10:48:b6), DVB MAC address (00:20:0e:10:48:b6), system up time (0 days, 00:10:47), CPU load (17%), system name (VIVO-PER-31199737-MG), system contact, system location (Patrocinio/MG), ODU serial number (104804040203090214480000), and ODU hardware version (4.2). A footer message states 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a command prompt window is open, displaying a series of ping responses to the IP address 8.8.8.8. The responses show a consistent time of 55ms and TTL of 55. Below the ping results, the command 'arp -a' is executed, showing the ARP table for the interface 10.29.42.130. The table lists several IP addresses and their corresponding MAC addresses and types (dynamic or static). The command prompt also shows the execution of 'Control-C' and the prompt 'C:\Users\DjTornados>'.