

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

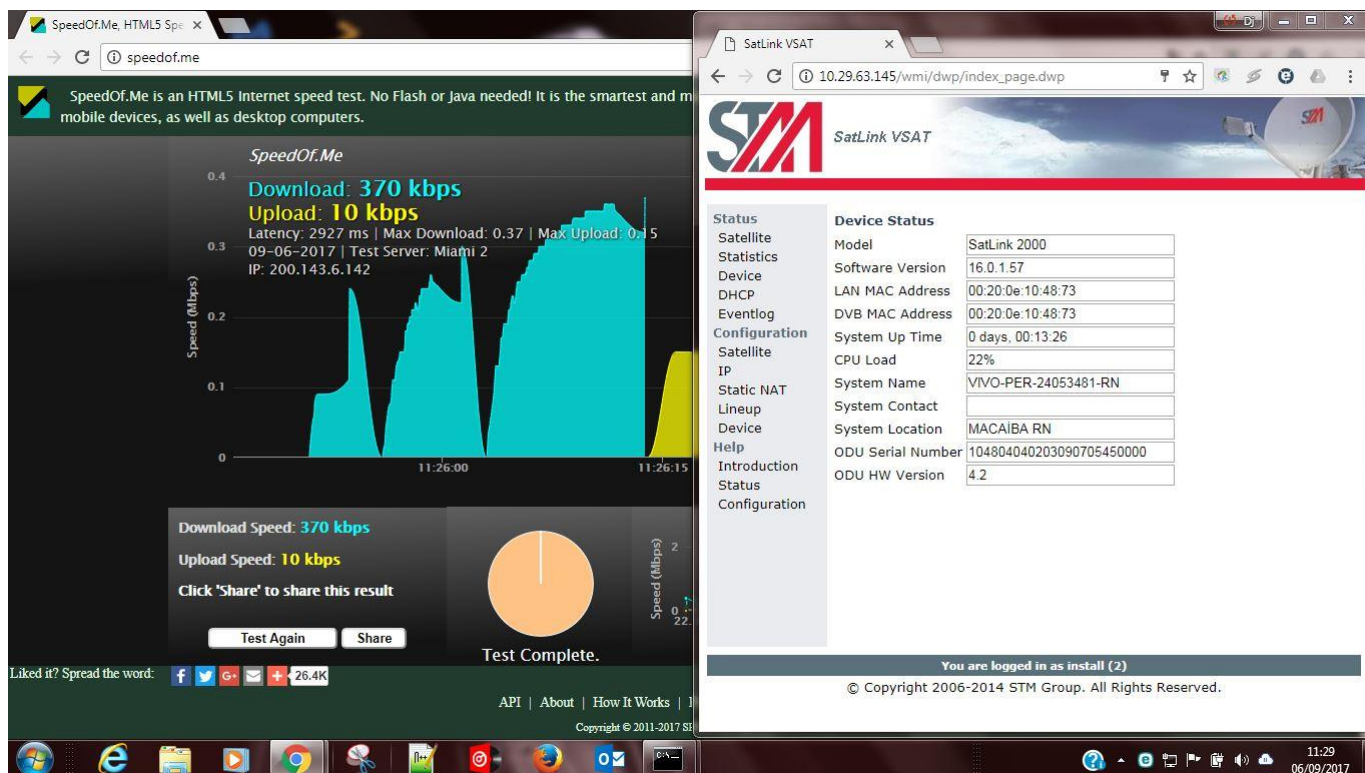
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-24053481-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     : 33.2 dBm
EIRP                 : 46.5 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     : -12.6 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction     : -29 us (251116 us)
Frequency correction : -120 Hz
```

#

## 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									
1	1	30.000000	12.050000	DVB-S2	4	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 : 12.049894 GHz  
Symbol Rate : 25.332897 Msp/s  
S2 ModCod  
- receiving : 12 8PSK-3/5  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 12.9 dB  
Input Power : -25 dBm

The screenshot displays a Windows desktop environment. On the left, the 'SatLink VSAT' application window is open, showing a sidebar with navigation options like 'Status', 'Satellite', 'Statistics', 'Device', 'DHCP', 'Eventlog', 'Configuration', 'Satellite', 'IP', 'Static NAT', 'Lineup', 'Device', 'Help', 'Introduction', 'Status', and 'Configuration'. The main area shows 'Device Status' for 'SatLink 2000', including details like 'Software Version 16.0.1.57', 'LAN MAC Address 00:20:0e:10:48:73', 'DVB MAC Address 00:20:0e:10:48:73', 'System Up Time 0 days, 00:13:26', 'CPU Load 22%', 'System Name VIVO-PER-24053481-RN', 'System Contact', 'System Location MACAIBA RN', 'ODU Serial Number 104804040203090705450000', and 'ODU HW Version 4.2'. A status bar at the bottom indicates 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a 'cmd.exe' command prompt window is open, displaying a series of ping results to the IP address 8.8.8.8. The results show a consistent response time of approximately 70-80ms and a TTL of 44. Below the ping results, the command 'arp -a' is executed, showing the ARP table for the interface 10.29.63.146. The table lists several IP addresses and their corresponding MAC addresses, including static and dynamic entries.