

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

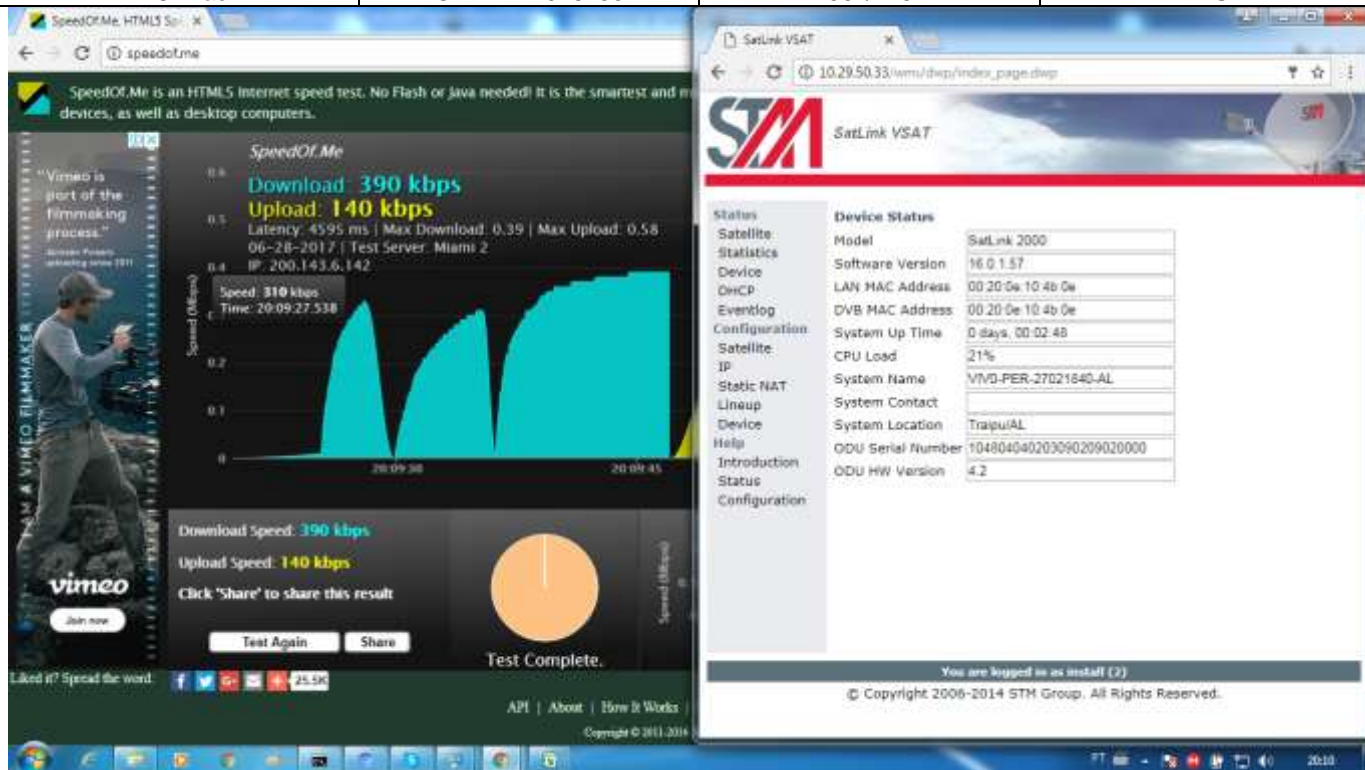
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-27018733-AL

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -15 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     : -13.1 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 11.5 dB
Header Compression   : Disabled
Timing correction    : -107 us (250976 us)
Frequency correction : 10 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	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 : 12.050023 GHz  
Symbol Rate : 25.332849 Msp/s  
S2 ModCod  
- receiving : 7 QPSK-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 : 15.1 dB  
Input Power : -22 dBm

The screenshot displays the SatLink VSAT software interface. On the left, a sidebar lists various status categories: Satellite, Statistics, Device, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, and Configuration. The main window is divided into two panes. The left pane, titled 'Device Status', shows details for a 'SatLink 2050' device, including software version (16.0.1.57), LAN MAC address (00:20:0e:10:4b:0e), DVB MAC address (00:20:0e:10:4b:0e), system up time (0 days, 00:02:45), CPU load (21%), system name (VIVO-PER-27021840-AL), system contact, system location (Traipu/AL), ODU serial number (104804040203090209020000), and ODU HW version (4.2). The right pane shows a terminal window with a list of ping responses for the IP address 10.29.50.33, displaying response times and TTL values. Below the ping list, statistics for the IP address are shown: 'Fatores: Enviados = 66, Recebidos = 66, Perdidos = 0 Cts de perda'. The interface also includes a copyright notice at the bottom: '© Copyright 2006-2014 STM Group, All Rights Reserved.'