

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

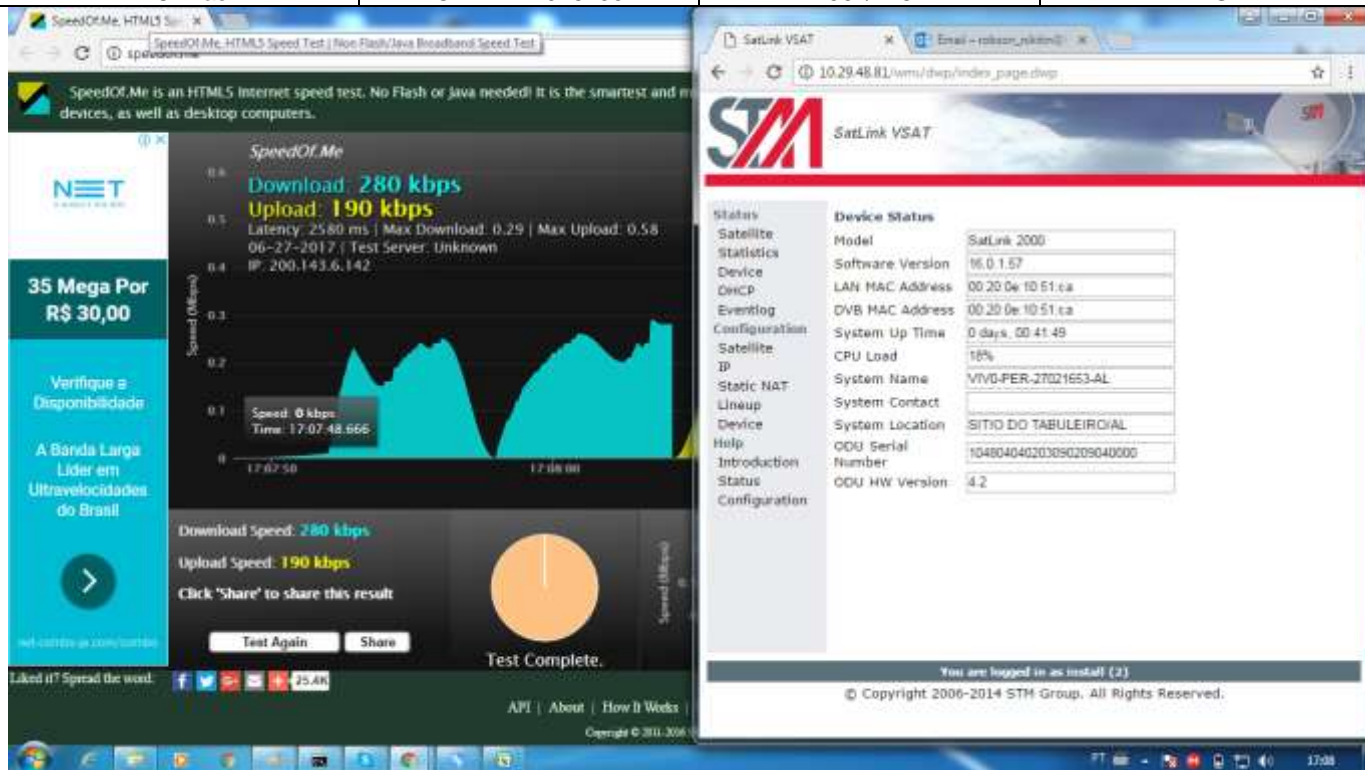
Cliente: VIVO

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     : -16.9 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 11.0 dB
Header Compression   : Disabled
Timing correction    : -40 us (250964 us)
Frequency correction : -70 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 : 12.049333 GHz
Symbol Rate : 25.333062 Msp/s
S2 ModCod
- receiving : 22 16APSK-8/9
- 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 : 15.0 dB
Input Power : -22 dBm

The screenshot displays the SatLink VSAT software interface. The left sidebar contains a navigation menu with options: Status, 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 the following information: Model: SatLink 2000, Software Version: 16.0.1.57, LAN MAC Address: 00:20:0e:10:51:ca, DVB MAC Address: 00:20:0e:10:51:ca, System Up Time: 0 days, 00:41:49, CPU Load: 18%, System Name: VIVO-PER-27021603-AL, System Contact, System Location: SITIO DO TABULEIRO/AL, ODU Serial Number: 104804040203080209040000, and ODU HW Version: 42. The right pane shows a terminal window with the title 'cmd - Atual'. It displays a series of ping responses from 0.0.0.0 to 0.0.0.0, each with a time and TTL value. Below the ping results, it shows statistics for the ping: 'Estatísticas do Ping para 0.0.0.0: Pacotes: Enviados = 130, Recebidos = 117, Perdidos = 13 (10% de perda). Aproximar um número redondo de vezes em milissegundos: Mínimo = 549ms, Máximo = 2653ms, Média = 1117ms. Control-C'. At the bottom of the terminal window, it shows the command 'C:\Windows\System32>arp -a' and the output of the command, which lists the IP addresses and their corresponding MAC addresses and interface names.