

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

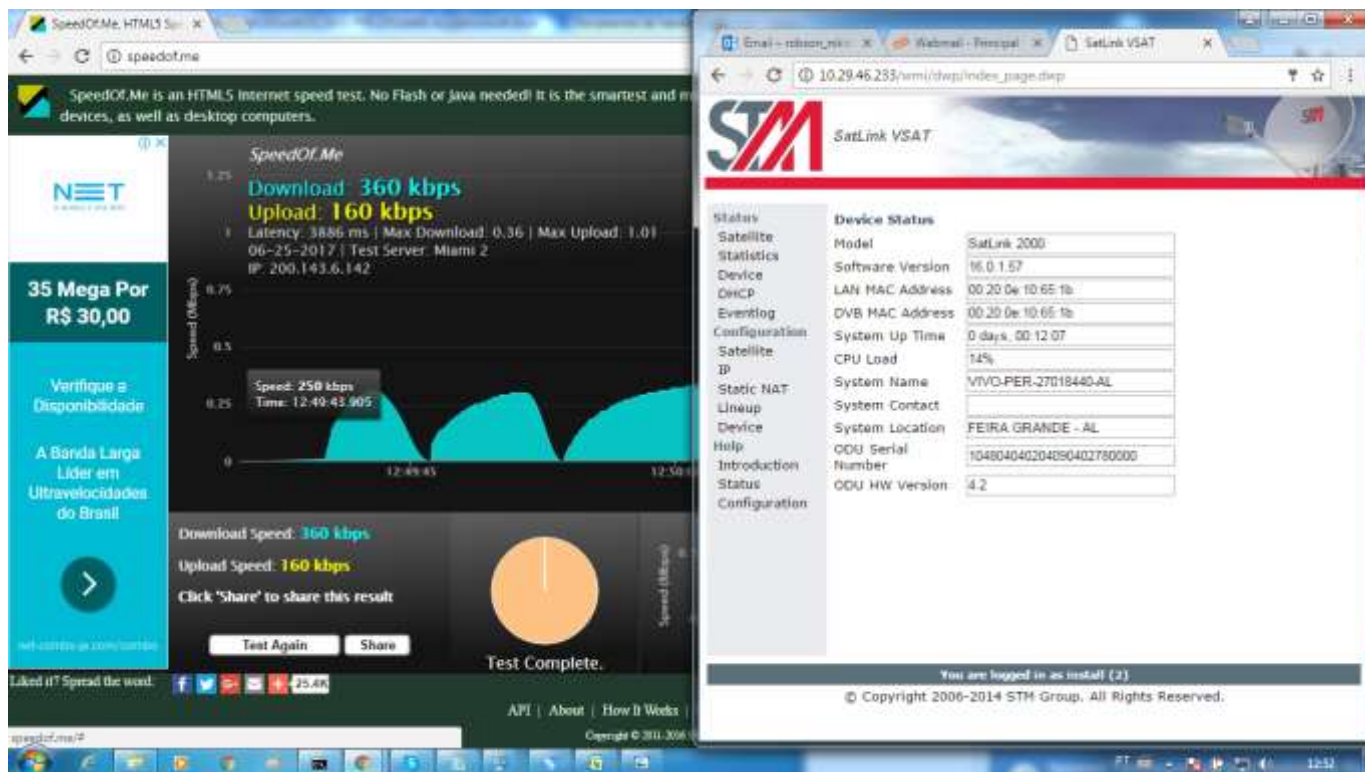
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-27018440-AL

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -10 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     : -21.3 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction    : 27 us (250973 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[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
0	0	15.000000	12.059000	DVB-S2	102	0	0.0 E		
1	1	9.320000	12.055825	DVB-S2	4	0	0.0 E		
* 6	6	25.333333	12.050000	DVB-S2	102	0	0.0 E		
7	7	30.000000	12.050000	DVB-S2	102	0	0.0 E		

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.050031 GHz
Symbol Rate : 25.332938 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- 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 : 13.4 dB
Input Power : -33 dBm

The screenshot displays the SatLink VSAT web interface on the left and a terminal window on the right. The web interface shows the 'Device Status' tab with the following information:

- Model:** SatLink 2000
- Software Version:** 16.0.1.57
- LAN MAC Address:** 00:20:0e:10:65:1b
- DVB MAC Address:** 00:20:0e:10:65:1b
- System Up Time:** 0 days, 00:12:07
- CPU Load:** 54%
- System Name:** VIVO-PER-27018440-AL
- System Contact:**
- System Location:** FEIRA GRANDE - AL
- ODU Serial Number:** 104804040204090402780000
- ODU HW Version:** 4.2

The terminal window on the right shows the output of a ping command to the IP 10.29.46.234. It displays 20 successful responses with varying times and TTL values. At the bottom, it shows the IP configuration for the interface 10.29.46.234, including the physical address and the type of connection (ethernet).