

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

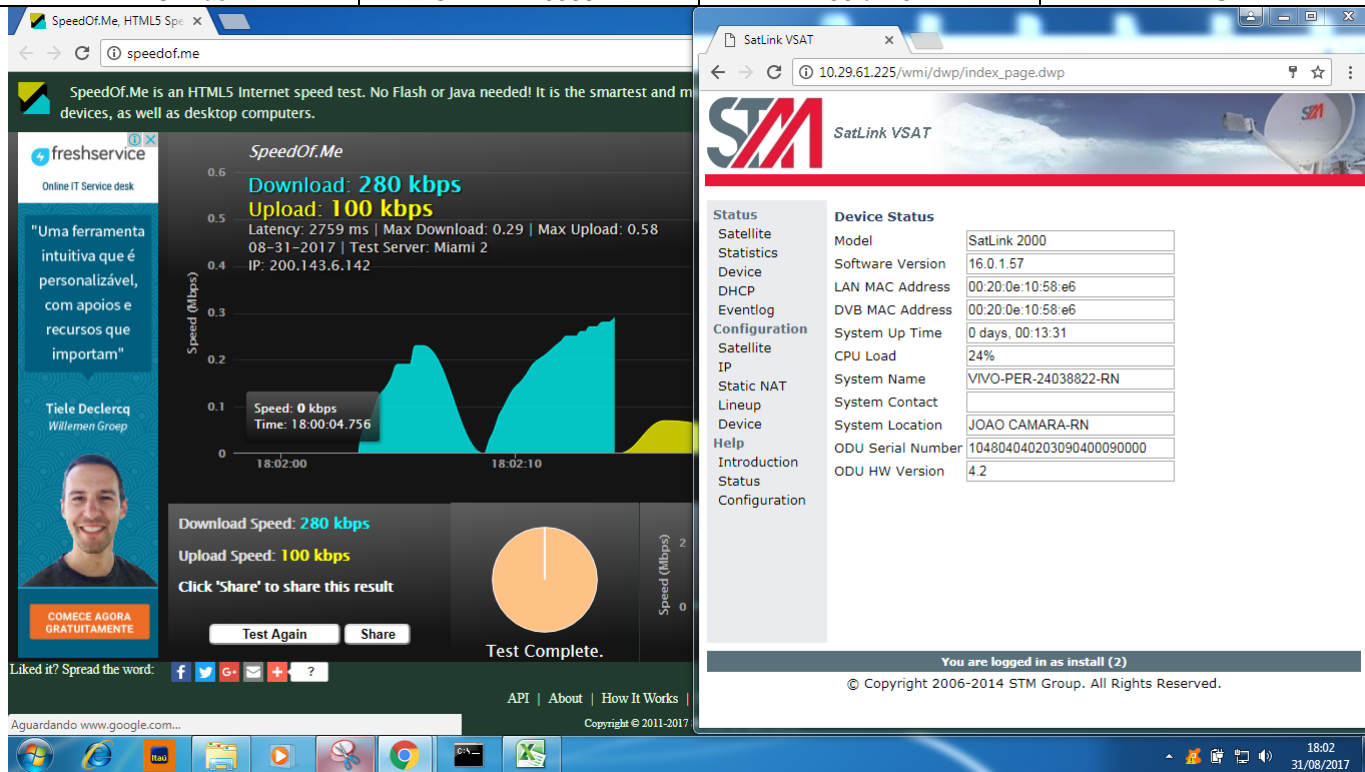
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-24038822-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     : 33.0 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     : -21.5 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 45.7 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -16 us (250905 us)
Frequency correction : -80 Hz
  
```

## # 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	25.333333	12.050000	DVB-S2	102	0	0.0 E		
Yes									
1	1	15.000000	12.059000	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 : 12.049892 GHz  
Symbol Rate : 25.333568 Msps  
S2 ModCod  
- receiving : 12 8PSK-3/5  
- 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 : -20 dBm

The screenshot displays a Windows desktop environment. On the left, a web browser window titled 'SatLink VSAT' is open, showing the 'Device Status' page. The page 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 with a table of device information. The table lists details such as Model (SatLink 2000), Software Version (16.0.1.57), LAN MAC Address (00:20:0e:10:58:e6), DVB MAC Address (00:20:0e:10:58:e6), System Up Time (0 days, 00:13:31), CPU Load (24%), System Name (VIVO-PER-24038822-RN), System Contact, System Location (JOAO CAMARA-RN), ODU Serial Number (104804040203090400090000), and ODU HW Version (4.2). A status bar at the bottom of the web page indicates 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a 'CMD - Atalho' window is open, displaying a continuous stream of ping results to the IP address 8.8.8.8. Each line shows the response time in milliseconds (e.g., 'tempo=951ms') and the TTL value (e.g., 'TTL=44'). At the bottom of the CMD window, a summary of ping statistics is provided: 'Estatísticas do Ping para 8.8.8.8: Pacotes: Enviados = 87, Recebidos = 86, Perdidos = 1 (1% de perda). Aproximar um número redondo de vezes em milissegundos: Mínimo = 562ms, Máximo = 2545ms, Média = 1057ms. Control-C C:\Windows\System32>'. The Windows taskbar at the bottom shows the system clock as 17:56 on 31/08/2017.