

# TERMO DE ACEITE TÉCNICO

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

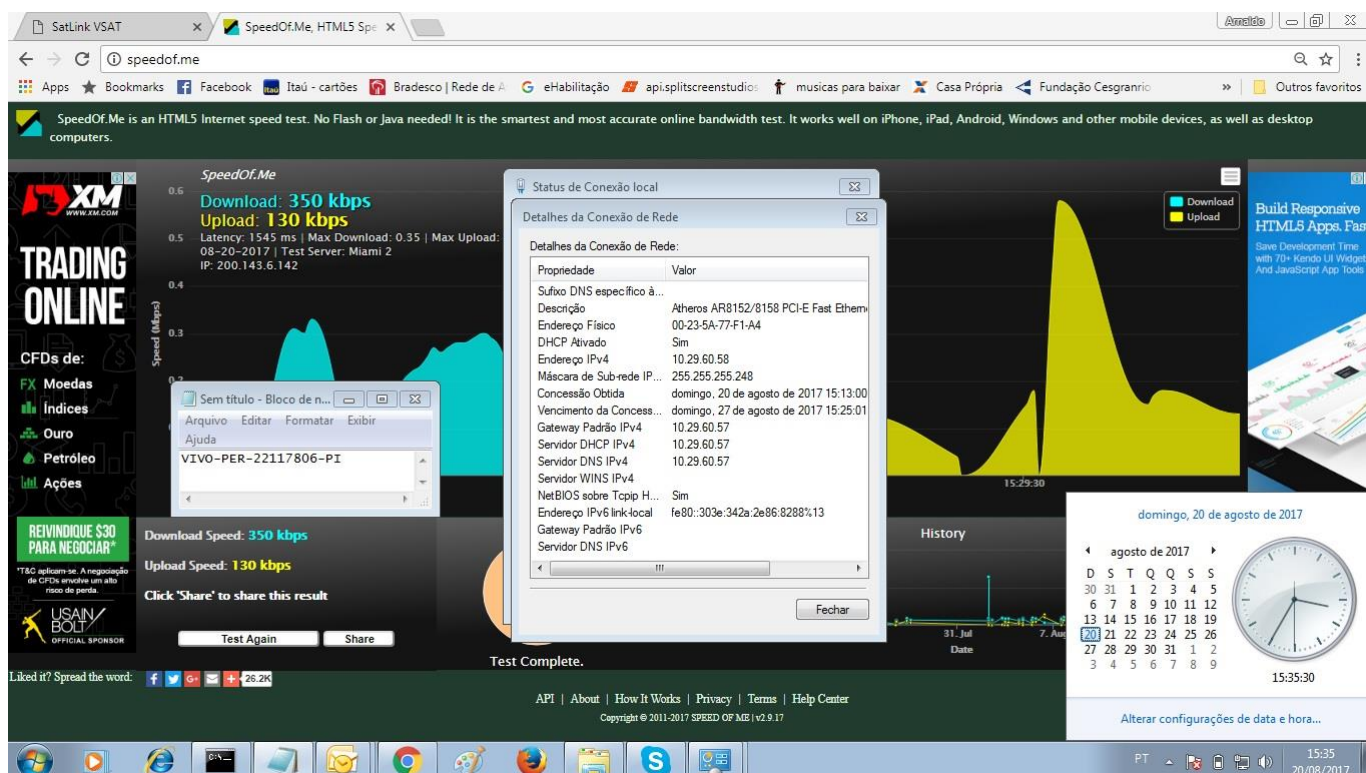
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-22117806-PI

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



## # Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -15 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS2)
IDU Output Power     : -9.9 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 9.5 dB
Header Compression   : Disabled
Timing correction    : -74 us (248964 us)
Frequency correction : -240 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 : 12.050087 GHz  
Symbol Rate : 25.332990 Msps  
S2 ModCod  
- receiving : 20 16APSK-4/5  
- 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 : 15.4 dB  
Input Power : -32 dBm

The screenshot shows a Windows 7 desktop environment. On the left, a 'Bibliotecas Documentos' window is open, displaying a file named 'tracert' and a folder named 'TESTE VELOCIDADE'. In the center, a 'Prompt de Comando' (Command Prompt) window is open, showing the results of a 'tracert' command to the IP address 8.8.8.8. The output shows 20 hops with various response times and TTL values. Below the tracert output, the 'Estadísticas do Ping para 8.8.8.8:' are displayed, showing 20 packets sent, 20 received, and 0% loss. The minimum, maximum, and average response times are also listed. At the bottom of the command prompt, the 'arp -a' command is executed, showing the ARP table for the interface 10.29.60.58. On the right side of the desktop, a system clock shows the date 'domingo, 20 de agosto de 2017' and the time '16:16:17'. The taskbar at the bottom contains icons for various applications, including Internet Explorer, Google Chrome, and the Start menu.

Windows 7 Desktop Environment:

- File Explorer (Bibliotecas Documentos):** Shows a file named 'tracert' and a folder named 'TESTE VELOCIDADE'.
- Command Prompt (Prompt de Comando):**
  - Tracert output to 8.8.8.8:
  - Estadísticas do Ping para 8.8.8.8:
    - Pacotes: Enviados = 20, Recebidos = 20, Perdidos = 0 (0% de perda),
    - Aproximar um número redondo de vezes em milissegundos: Mínimo = 589ms, Máximo = 1966ms, Média = 1021ms
  - Control-C
  - C:\Users\Arnaldo>arp -a
  - Interface: 10.29.60.58 --- 0x0d
  - Table with 3 columns: Endereço IP, Endereço físico, Tipo.
- System Clock:** domingo, 20 de agosto de 2017, 16:16:17.