

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Wallace Teixeira

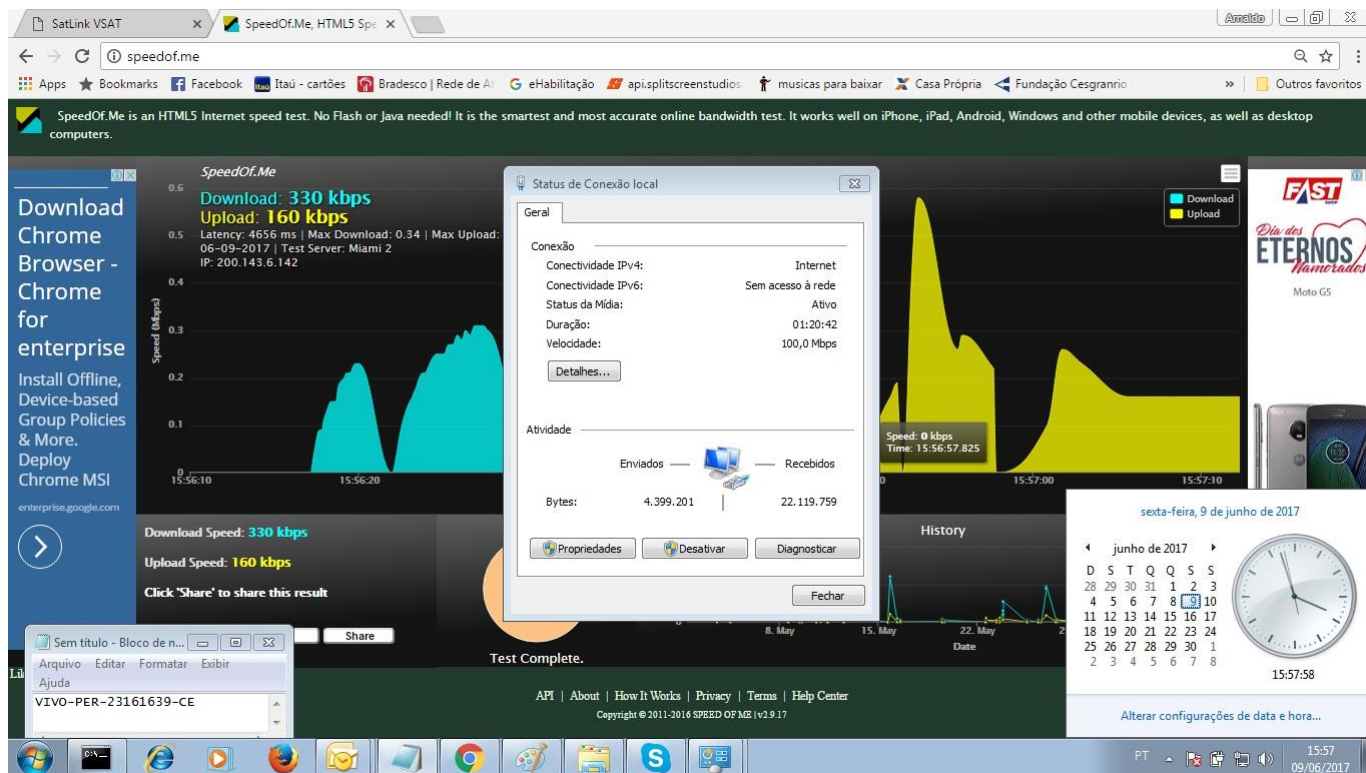
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23161639-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tcx show
No Such Command
# dvb tx show
```

## Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -13 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 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     : -17.0 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.7 dBW
Es/No                : 13.5 dB
```

Header Compression : Disabled  
Timing correction : -79 us (254258 us)  
Frequency correction: 120 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
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									

#### Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.058996 GHz  
Symbol Rate : 14.999946 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 : 14.4 dB  
Input Power : -26 dBm  
#

The screenshot shows a Windows 7 desktop environment. In the background, a file explorer window is open, displaying the 'Bibliotecas Documentos' folder. Overlaid on this is a command prompt window titled 'C:\Windows\system32\cmd.exe'. The command prompt shows a series of ping commands to 8.8.8.8, followed by a summary of the ping statistics: 'Estadísticas do Ping para 8.8.8.8: Pacotes: Enviados = 24, Recebidos = 24, Perdidos = 0 (0% de perda). Aproximar um número rodando de vezes em milissegundos: Mínimo = 527ms, Máximo = 1839ms, Média = 860ms'. Below the ping statistics, the command 'Control-C' is entered, followed by 'C:\Users\Arnaldo>arp -a'. The output of the 'arp -a' command is displayed, showing a list of IP addresses and their corresponding MAC addresses. In the bottom right corner, a clock widget shows the date 'sexta-feira, 9 de junho de 2017' and the time '15:55:39'. The taskbar at the bottom shows various application icons, including Internet Explorer, Google Chrome, and the Start button.