

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

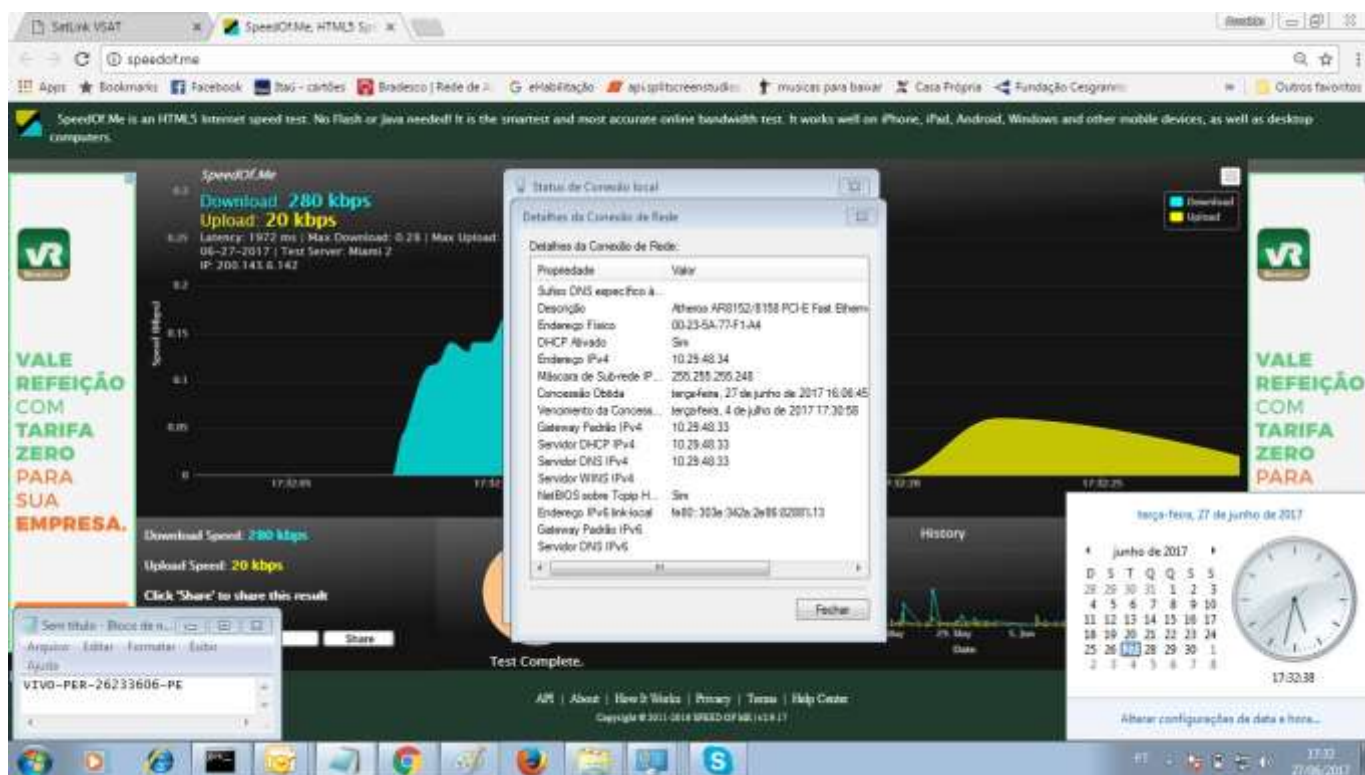
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26233606-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

## Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 14.125850 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS2)
IDU Output Power     : -14.7 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction     : -43 us (249565 us)
Frequency correction : -40 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            : 12.049922 GHz
Symbol Rate          : 25.332851 Msp/s
S2 ModCod
- receiving          : 7   QPSK-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                  : 13.8 dB
Input Power          : -22 dBm
  
```

The screenshot displays the SatLink VSAT software interface. The main window shows the 'Satellite Interface Status' and 'Satellite Receiver Status' sections. The 'Satellite Interface Status' section includes fields for State (Two-way link est.), Transmitter (On), and Receiver (On). The 'Satellite Receiver Status' section includes fields for State (Forward link up), Network ID, Network Name (T14R Beam), Mode (DVB-S2), Modulation (BPSK), Frame Length (SHORT), Transmission Mode (ACM), Symbol Rate (14.95), and SNR.

A 'Prompt de Comando' (Command Prompt) window is open, displaying the following output:

```

Resposta de 8.8.8.8: bytes=32 tempo=677ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=767ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=831ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=905ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=617ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=701ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=766ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=843ms TTL=44

Estatísticas do Ping para 8.8.8.8:
Pacotes: Enviados = 40, Recebidos = 40, Perdidos = 0 (0% de
perda),
Aproximar um número redondo de vezes em milissegundos:
Mínimo = 560ms, Máximo = 1775ms, Média = 759ms
Control-C
C:\Users\Arnaldo>arp -a

Interface: 10.29.48.34 --- 0xd
Endereço IP      Endereço físico      Tipo
10.29.48.33      00-20-0e-10-55-48      dinâmico
224.0.0.2        01-00-5e-00-00-02      estático
224.0.0.22       01-00-5e-00-00-16      estático
224.0.0.251      01-00-5e-00-00-fb      estático
224.0.0.252      01-00-5e-00-00-fc      estático
239.255.255.250  01-00-5e-7f-ff-fa      estático
255.255.255.255  ff-ff-ff-ff-ff-ff      estático
  
```

The taskbar at the bottom shows the date and time as 'segunda-feira, 27 de junho de 2017' and '15:44:44'.