

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Henrique

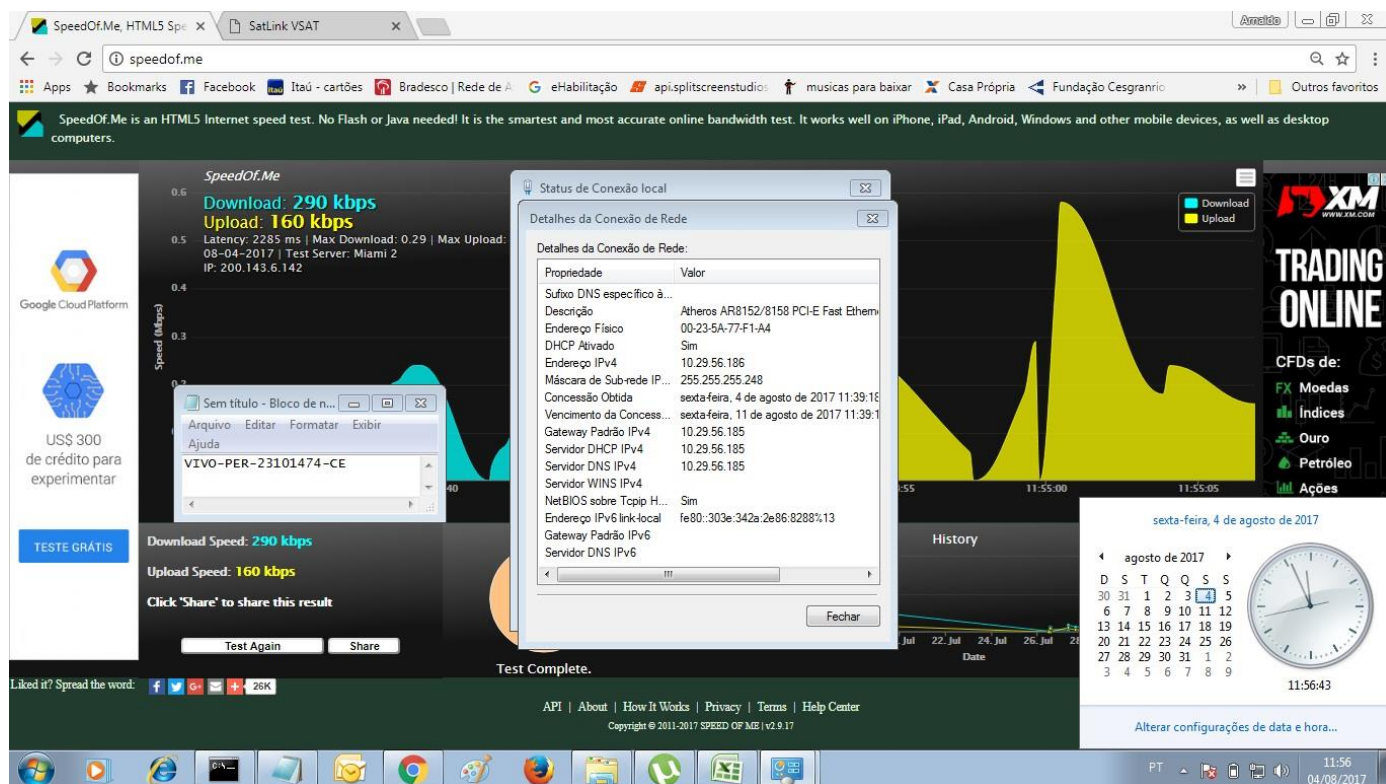
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23101474-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

## 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 : -10.5 dBm  
ODU Output Power : 35.0 dBm

EIRP : 48.0 dBW  
Es/No : 11.5 dB  
Header Compression : Disabled  
Timing correction : -19 us (249697 us)  
Frequency correction: -10 Hz  
dvdvb rx show

#### Satellite (DVB) RX Configuration

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Auto start : Enabled  
Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msps]	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

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Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.049922 GHz  
Symbol Rate : 25.332960 Msps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- 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 : 16.5 dB  
Input Power : -20 dBm

Windows Explorer window showing the 'Biblioteca Documentos' folder. The folder contains several files with names like 'VIVO-PER-23101474-CE RENATO JUATAMA' and 'VIVO-PER-23101687-CE LAGOA REDONDA 2'. A search bar at the top right shows 'Pesquisar QUIXADA'.

A Command Prompt window is open, displaying the results of a ping command to 8.8.8.8 and the output of the 'arp -a' command. The ping results show three successful responses with times around 60-80ms. The 'arp -a' command shows the ARP table for the interface 10.29.56.186.

The Command Prompt output is as follows:

```
C:\Users\Arnaldo>ping 8.8.8.8
Resposta de 8.8.8.8: bytes=32 tempo=678ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=592ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=865ms TTL=44

Estatísticas do Ping para 8.8.8.8:
    Pacotes: Enviados = 24, Recebidos = 24, Perdidos = 0 (0% de perda),
    Aproximar um número redondo de vezes em milissegundos:
        Mínimo = 592ms, Máximo = 2405ms, Média = 1059ms
Control-C
^C
C:\Users\Arnaldo>arp -a

Interface: 10.29.56.186 --- 0xd
Endereço IP      Endereço físico  Tipo
10.29.56.185     00-20-0e-10-4a-cd  dinâmico
10.29.56.191     ff-ff-ff-ff-ff-ff  estático
224.0.0.2        01-00-5e-00-00-02  estático
224.0.0.251      01-00-5e-00-00-fb  estático
224.0.0.252      01-00-5e-00-00-fc  estático
224.0.0.253      01-00-5e-00-00-fd  estático
239.255.255.250  01-00-5e-7f-ff-fa  estático
255.255.255.255  ff-ff-ff-ff-ff-ff  estático

C:\Users\Arnaldo>
```

A small text editor window titled 'Sem título - Bloco de n...' is open, showing the text 'VIVO-PER-23101474-CE'.

The taskbar at the bottom shows the system clock as 11:48:10 on 04/08/2017. The system tray includes icons for network, volume, and power.