

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Leonardo Martins

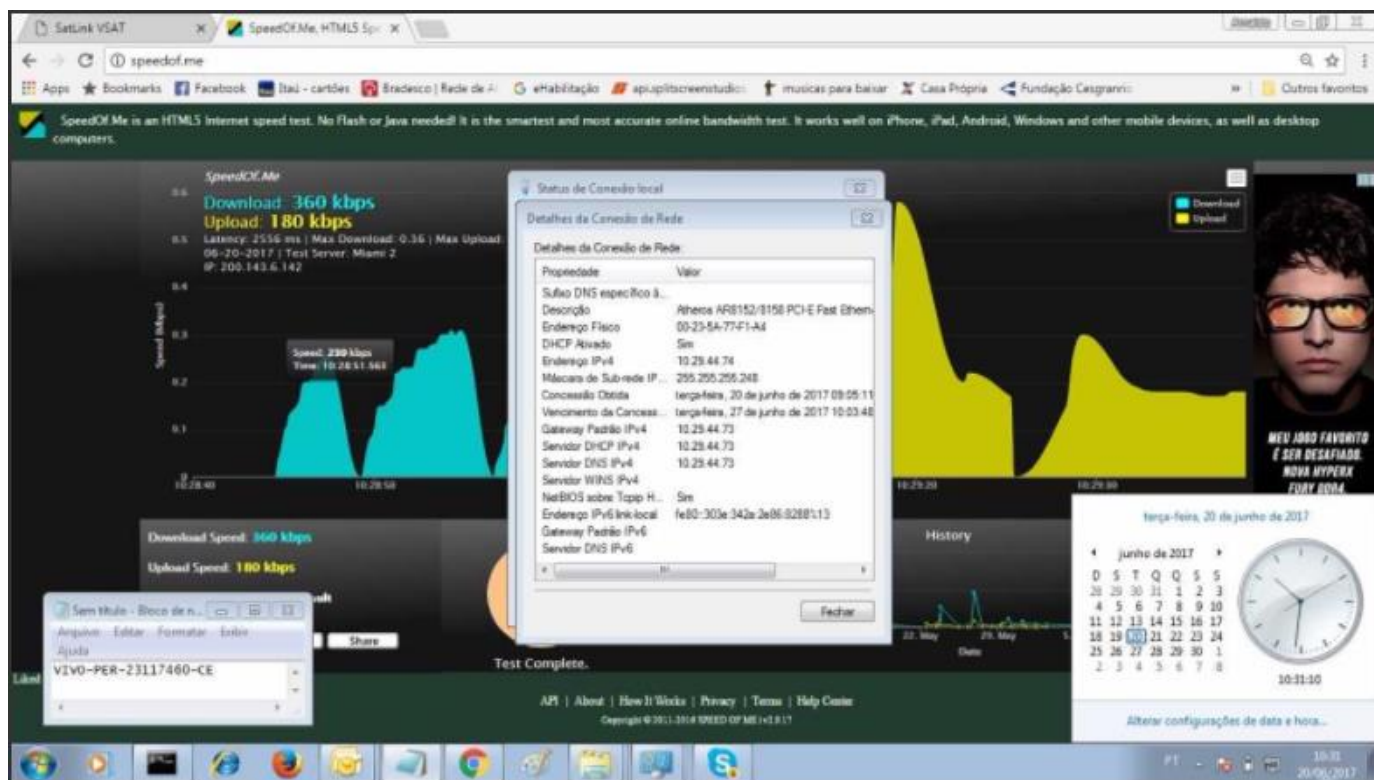
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23117460-CE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# device show

System Information:

```
Name : VIVO-PER-23117460-CE
Location : MOMBAIA/CE
Contact :
System Up time : 0 days, 03:55:18
CPU Load : 13%
System time(UTC) : 26 June 2017 14:51:28
Broadcast Message : not set
```

HW:

```
Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.2
```

MAC addresses:

```
Ethernet (LAN) : 00:20:0e:10:5b:f8
Satellite (DVB) : 00:20:0e:10:5b:f8
```

# 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: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

#### Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS2)  
IDU Output Power : -13.2 dBm  
ODU Output Power : 33.5 dBm  
EIRP : 46.8 dBW  
Es/No : 10.5 dB  
Header Compression : Disabled  
Timing correction : -71 us (253994 us)  
Frequency correction: 50 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 : 12.058660 GHz  
Symbol Rate : 14.999937 Msps  
S2 ModCod  
- receiving : 18 16APSK-2/3  
- current max : 18 16APSK-2/3  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 12.5 dB  
Input Power : -27 dBm  
#

Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8  
64 bytes from 8.8.8.8: time=830 ms  
64 bytes from 8.8.8.8: time=690 ms  
64 bytes from 8.8.8.8: time=730 ms  
64 bytes from 8.8.8.8: time=690 ms  
64 bytes from 8.8.8.8: time=740 ms  
  
--- ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 690/730/830 ms

