

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Leonardo Martins

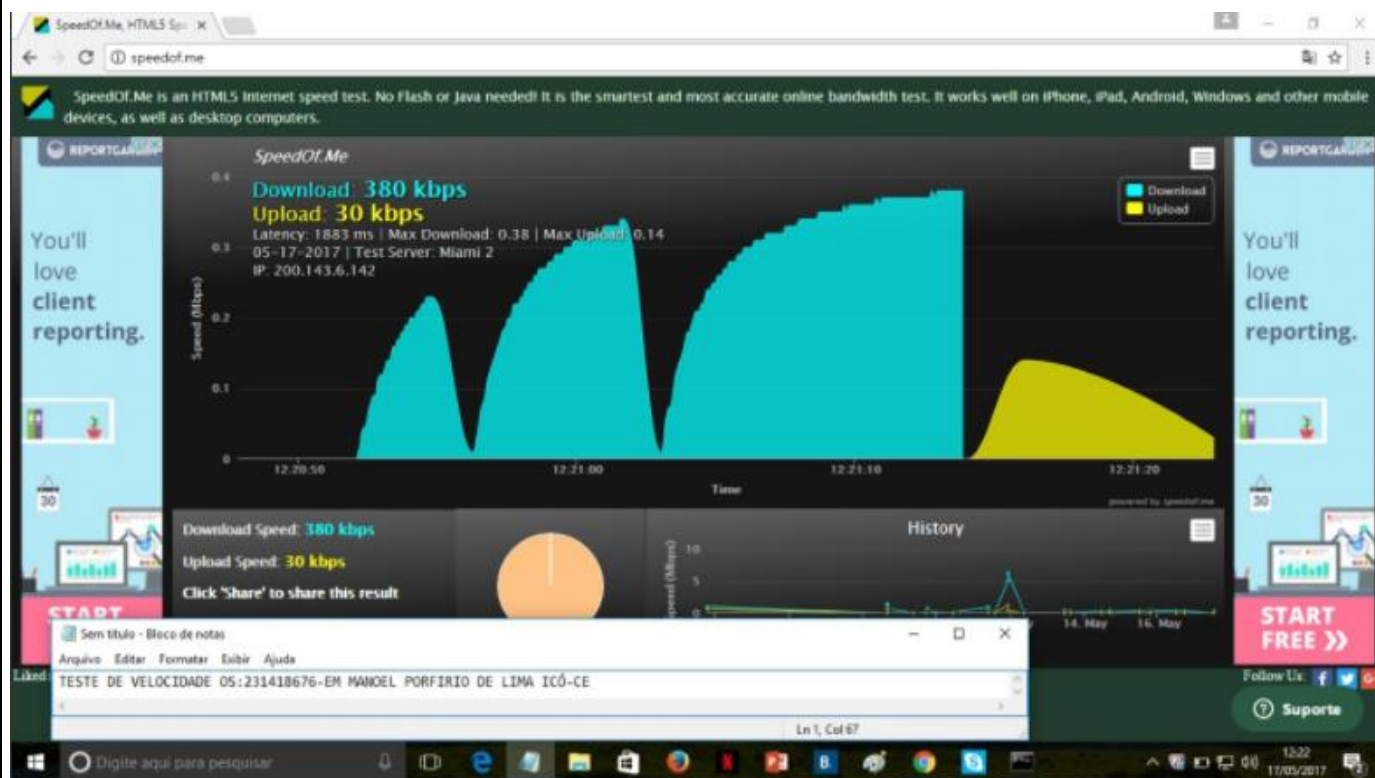
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23141867-CE

**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
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On   (DVB-RCS2)
IDU Output Power     : -20.1 dBm
Es/No                : 17.0 dB
Header Compression   : Disabled
Timing correction    : -104 us (254436 us)
Frequency correction : 60 Hz
# dvb rx show
```

Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
```

Idx	Pri	SymbRate[Msps]	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									

```
Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.059059 GHz
Symbol Rate : 14.999854 Msps
S2 ModCod
    - receiving : 7 QPSK-3/4
    - 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 : 15.1 dB
Input Power : -35 dBm
# odu show
```

Type	BrasilSat SOB107-12 - 1.2m
Antenna controller	None
Tx Gain at 14.25 GHz	43.0dB

Type	None
Local oscillator	13.050000 GHz
DC supply	24V On
10MHz Ref	On

Type	SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1	9.750000 GHz
Local oscillator - LO2	10.600000 GHz
Oscillator switching frequency 1-2	11.700000 GHz
LO Switching mode	22kHz
13/18V DC supply	13V

#