

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

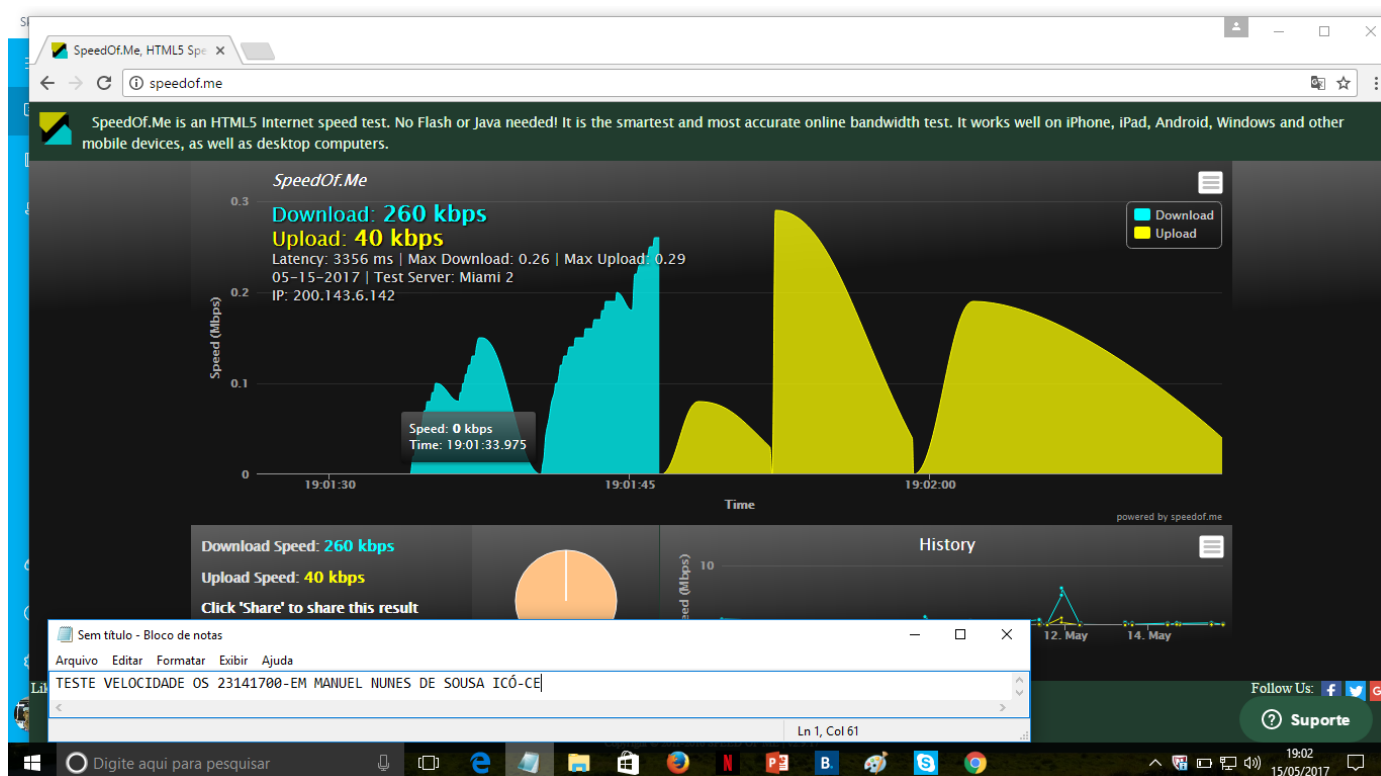
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23228016-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: 14.092600 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS2)
IDU Output Power     : -19.9 dBm
Es/No                : 15.5 dB
Header Compression   : Disabled
Timing correction     : -36 us (254422 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[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									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.059046 GHz
Symbol Rate : 15.000075 Msp/s
S2 ModCod
- receiving : 18 16APSK-2/3
- 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 : 15.6 dB
Input Power : -36 dBm
odu show

Antenna

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

Transmitter (BUC)

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

Receiver (LNB)

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

#