

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Henrique

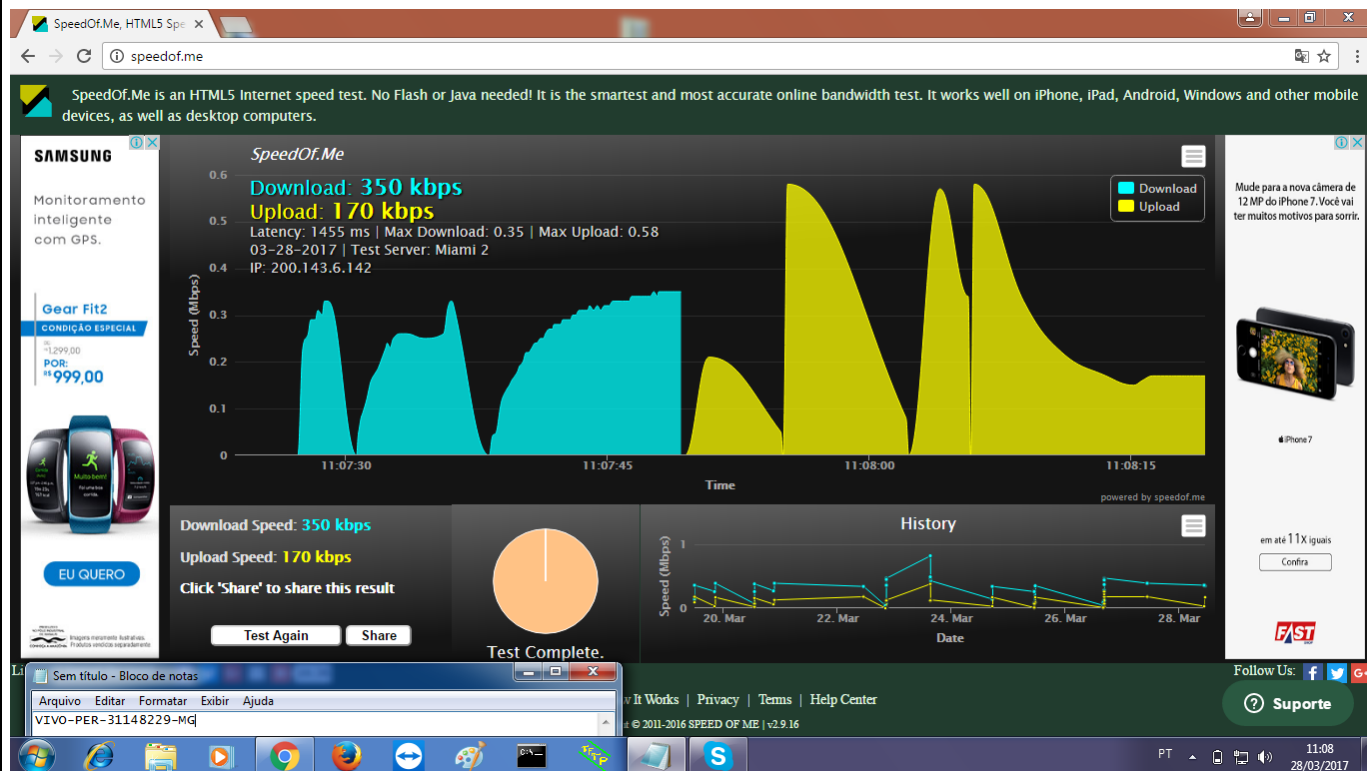
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31148229-SP

Link kbps
256k/128k

Plataforma
VSAT



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	9.320000	12.055825	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          : 12.055845 GHz
Symbol Rate       : 9.320407 Msp/s
S2 ModCod          :
- receiving        : 18   16APSK-2/3
```

```
- current max : 21    16APSK-5/6
Pilot          : On
Frame length   : Short
DVB S2 Mode    : ACM
DVB S2 Stream type : MPEG-TS
Roll off       : 0.20
SNR            : 14.3 dB
Input Power    : -36 dBm
# 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 : -19.8 dBm
Es/No           : 13.0 dB
Header Compression : Disabled
Timing correction : -88 us (262076 us)
Frequency correction: 50 Hz
# odu show
```

Antenna

```
-----
Type                ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller  None
Tx Gain at 14.25 GHz 43.3dB
```

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
```

```
# ping 172.18.132.70
64 bytes from 172.18.132.70: time=10 ms
64 bytes from 172.18.132.70: time=10 ms
64 bytes from 172.18.132.70: time=10 ms
64 bytes from 172.18.132.70: time=10 ms
64 bytes from 172.18.132.70: time=10 ms
```

--- ping statistics ---

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 10/10/10 ms
```