

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

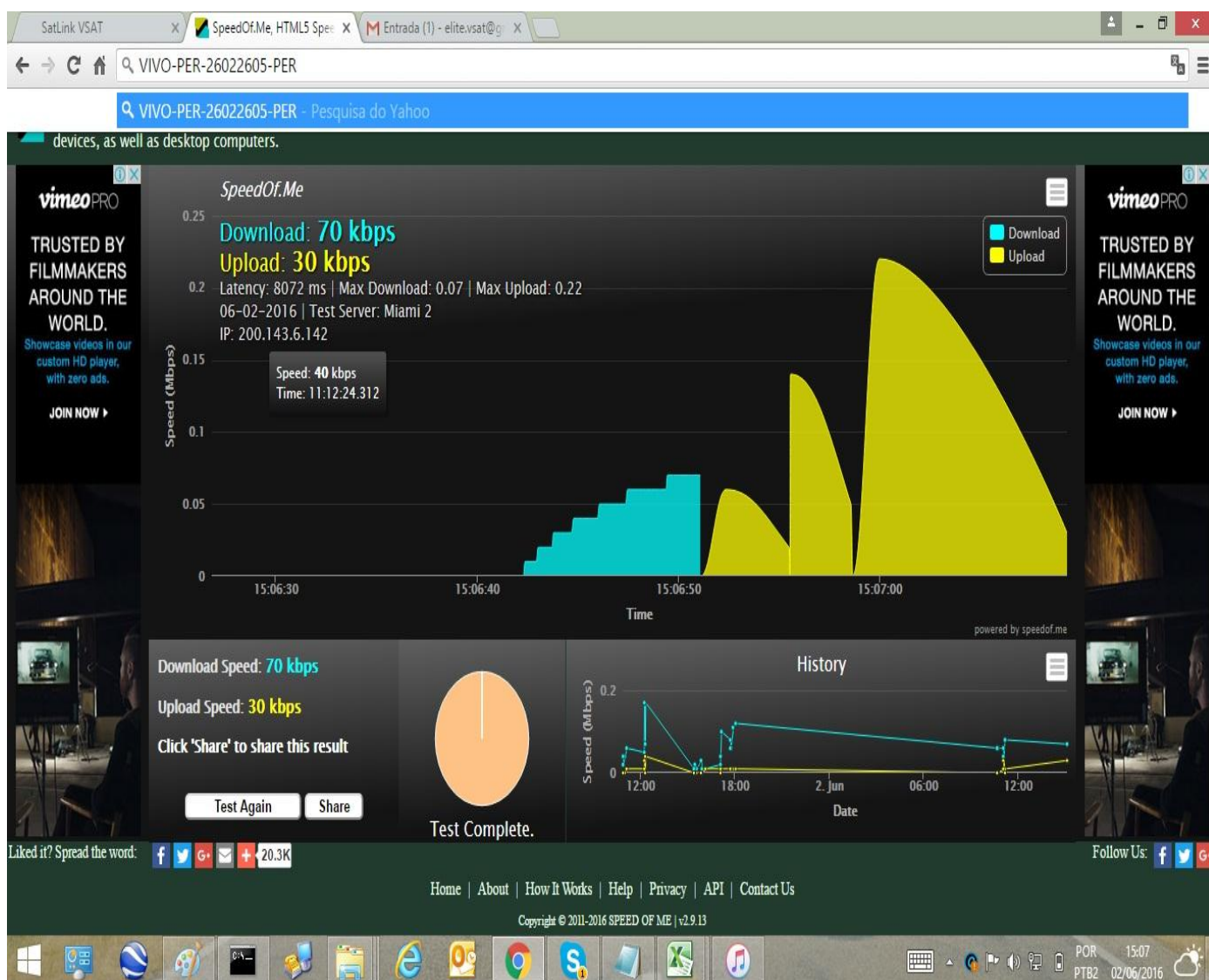
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26022605-PE

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -25 dBm
IDU Max Output Power : 0.0 dBm
Default CW Frequency : 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On   (DVB-RCS)
IDU Output Power     : -24.8 dBm
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction    : -210 us (261321 us)
Frequency correction: 60 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	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, GlobalIP@Telstar-14R
Frequency             : 12.055936 GHz
Symbol Rate           : 9.320067 Msps
S2 ModCod
- receiving           : 1   QPSK-1/4
- current max         : 16   8PSK-8/9
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type    : MPEG-TS
Roll off              : 0.20
SNR                   : 14.2 dB
Input Power           : -33 dBm
#
```

```
IP DVB 10.50.2.5/32
```

```
Ping desde o MGMT- Server ao IP de trafego e para o DVB.
```

```
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=710 ms
64 bytes from 8.8.8.8: time=780 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 710/740/830 ms
#
```