

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

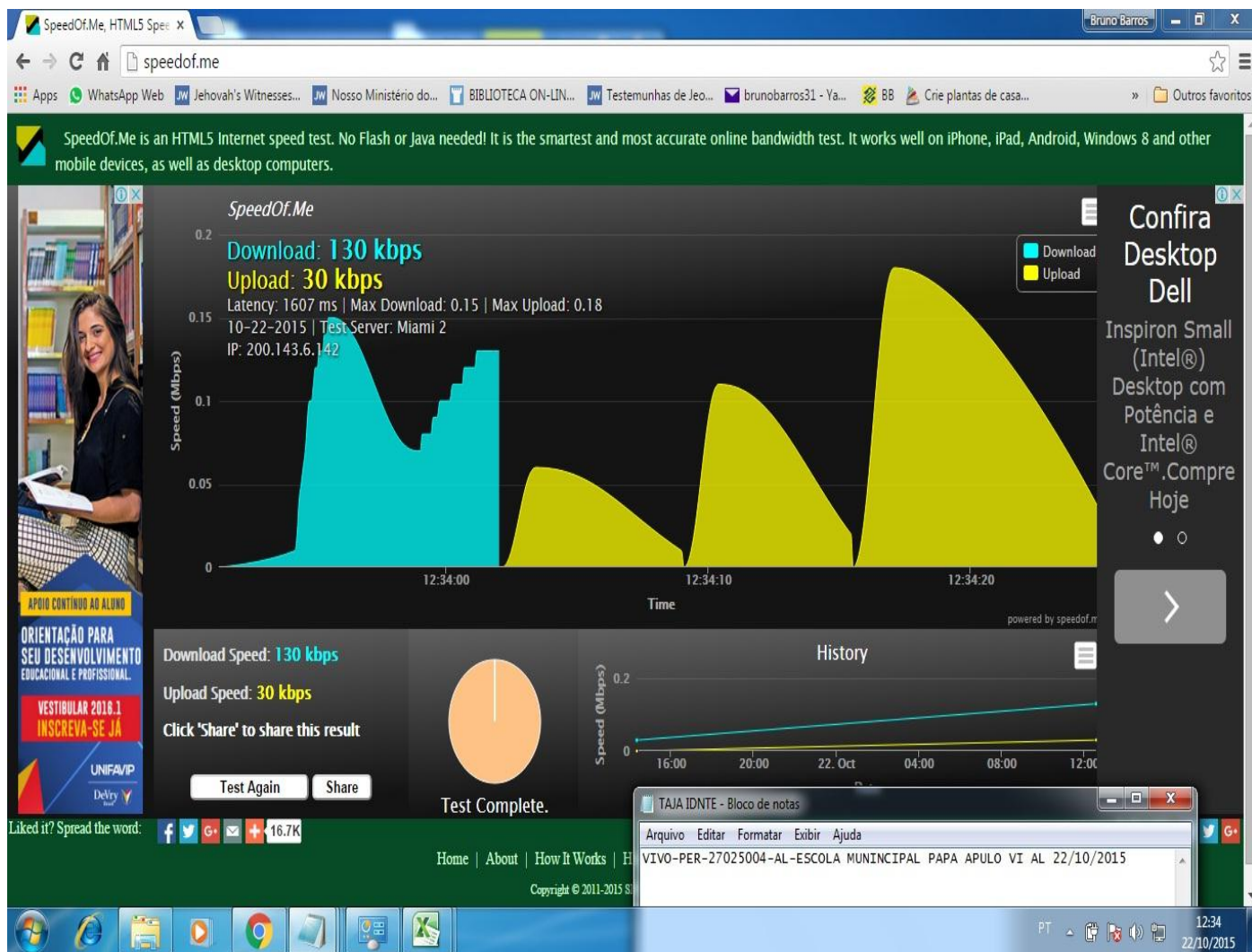
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-27025004-AL

**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
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 14.125850 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----  
State : On (TDMA)  
IDU Output Power : -24.2 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Eb/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -191 us (262328 us)  
Frequency correction: -340 Hz  
# dvb rx show
```

#### Satellite (DVB) RX Configuration

```
-----  
Auto start : Enabled  
Max MODCOD : 23 16APSK-9/10 (SNR threshold: 23.5 dB)  
RX watchdog : 15 minute
```

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2	4	Yes

#### Satellite (DVB) Receiver Status

```
-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055829 GHz  
Symbol Rate : 9.319960 Msps  
S2 ModCod  
- receiving : 16 8PSK-8/9  
- current max : 23 16APSK-9/10  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 15.1 dB  
Input Power : -26 dBm  
#
```

IP DVB 10.50.0.95/32

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=840 ms  
64 bytes from 8.8.8.8: time=690 ms  
64 bytes from 8.8.8.8: time=710 ms  
64 bytes from 8.8.8.8: time=650 ms  
64 bytes from 8.8.8.8: time=800 ms  
  
--- 8.8.8.8 ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 650/730/840 ms  
#
```