

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

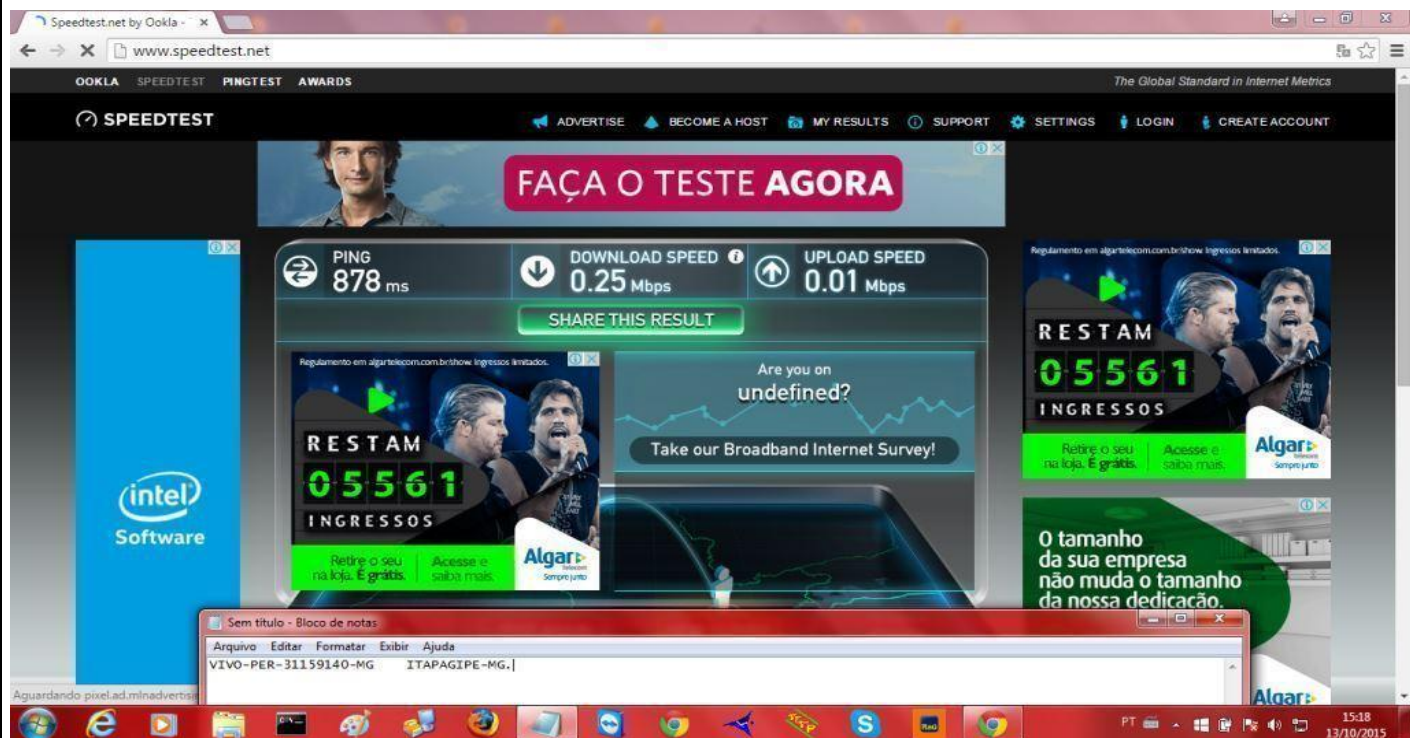
Cliente: VIVO

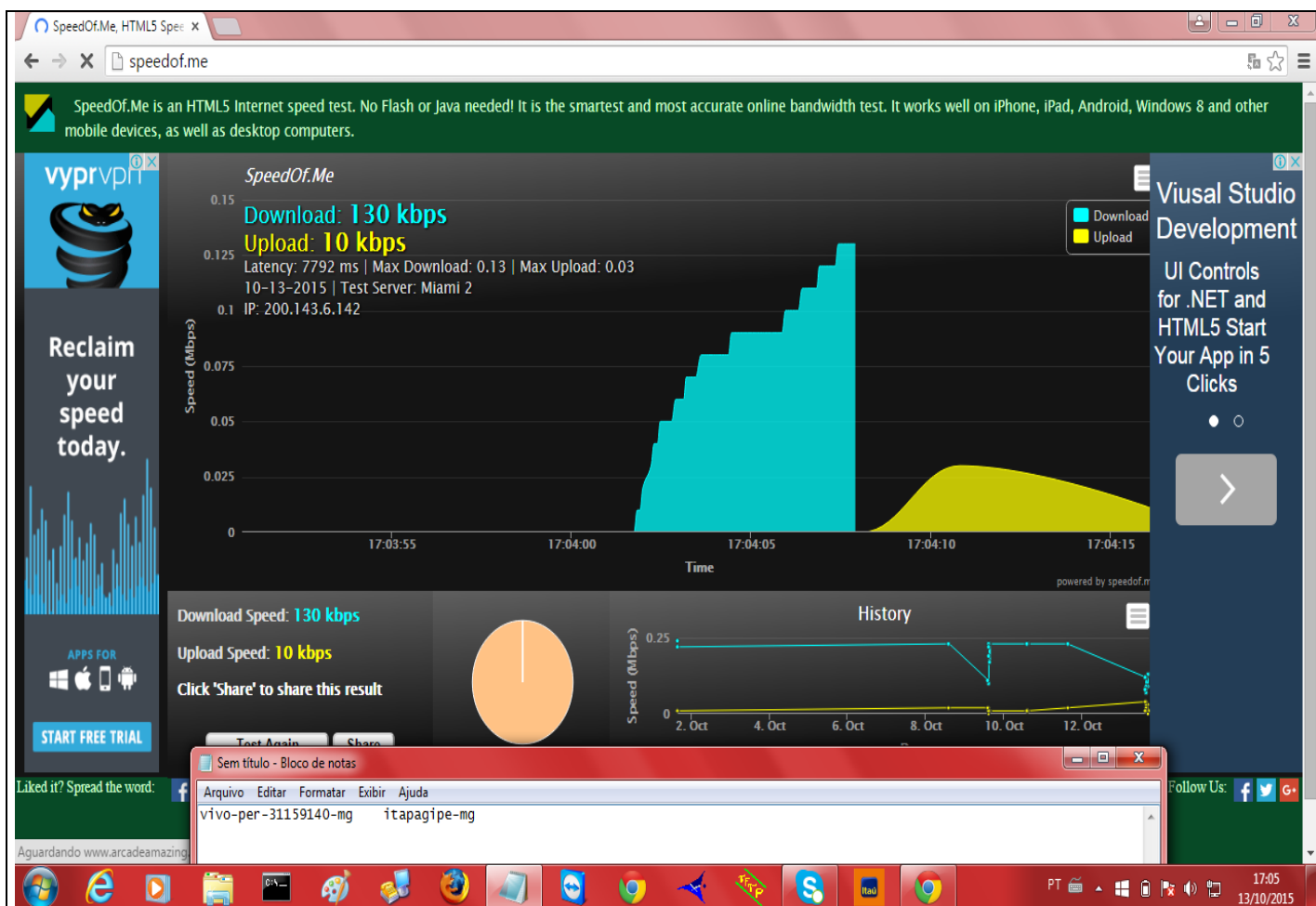
Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31159140-MG

Link kbps
256k/128k

Plataforma
VSAT





```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.7 dBm
EIRP                 : 49.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -9.0 dBm
ODU Output Power     : 31.4 dBm
EIRP                 : 44.7 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -237 us (260620 us)
Frequency correction : -80 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          : 12.055858 GHz  
Symbol Rate       : 9.319837 Msps  
S2 ModCod  
  - receiving      : 16    8PSK-8/9  
  - current max    : 15    8PSK-5/6  
Pilot              : On  
Frame length       : Short  
DVB S2 Mode        : ACM  
Roll off           : 0.25  
SNR                : 13.3 dB  
Input Power        : -27 dBm  
#
```

IP DVB 10.50.0.73/32

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=770 ms  
64 bytes from 8.8.8.8: time=1190 ms  
64 bytes from 8.8.8.8: time=770 ms  
64 bytes from 8.8.8.8: time=600 ms  
64 bytes from 8.8.8.8: time=560 ms  
  
--- 8.8.8.8 ping statistics ---  
5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 560/770/1190 ms  
#
```