

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

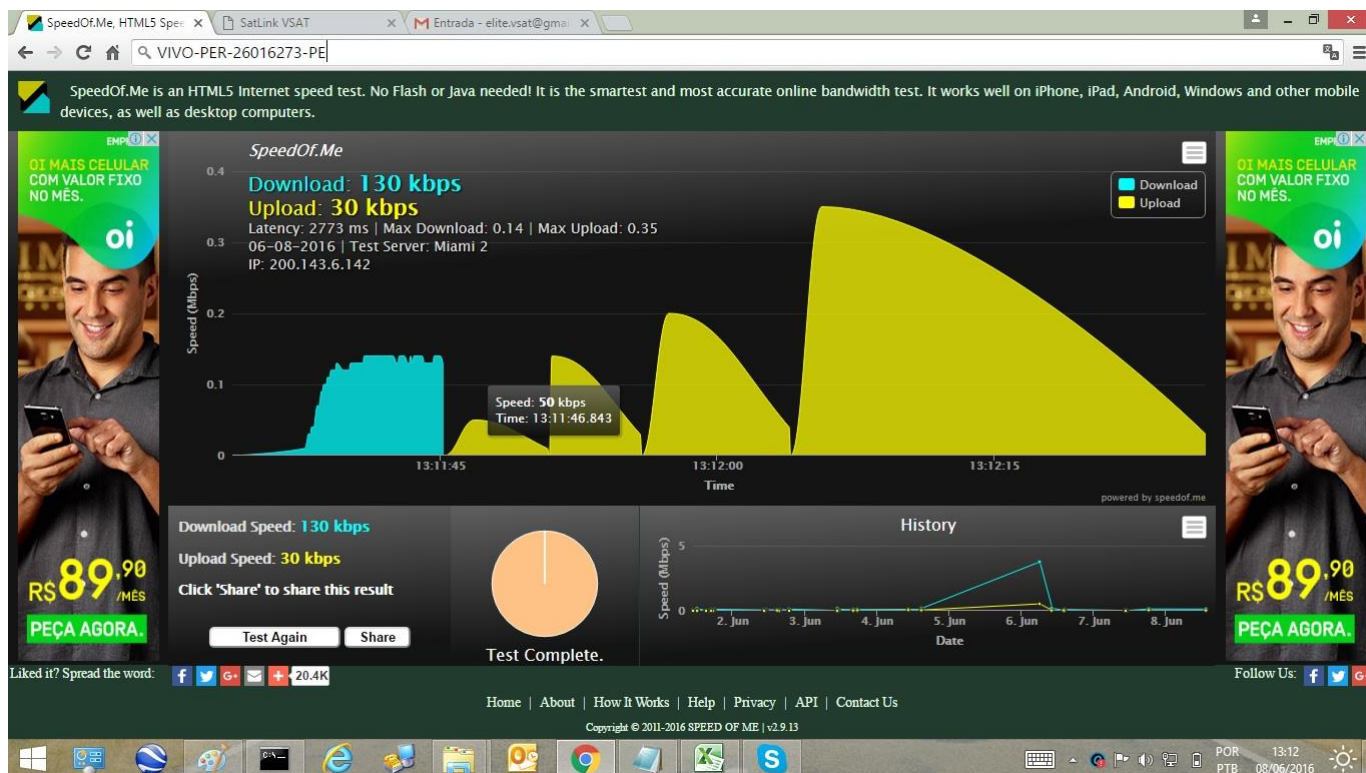
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26016273-PE

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

```
#  
Satellite (DVB) TX Configuration
```

```
-----  
Auto start           : Enabled  
IDU Output Power     : -10 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-RCS)  
IDU Output Power     : -10.0 dBm  
Es/No                : 16.0 dB  
Header Compression   : Disabled  
Timing correction    : -146 us (261557 us)  
Frequency correction : 210 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            : 12.055847 GHz
Symbol Rate          : 9.319908 Msps
S2 ModCod
- receiving          : 14    8PSK-3/4
- 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                   : 13.7 dB
Input Power          : -33 dBm
#
```

IP DVB 10.50.2.63/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.2.63

Pinging 10.50.2.63 with 32 bytes of data:

```
Reply from 10.50.2.63: bytes=32 time=2234ms TTL=62
Reply from 10.50.2.63: bytes=32 time=542ms TTL=62
Reply from 10.50.2.63: bytes=32 time=544ms TTL=62
Reply from 10.50.2.63: bytes=32 time=634ms TTL=62
```

Ping statistics for 10.50.2.63:

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 2234ms, Average = 988ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=680 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=710 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 = 680/700/710 ms
```

#