

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

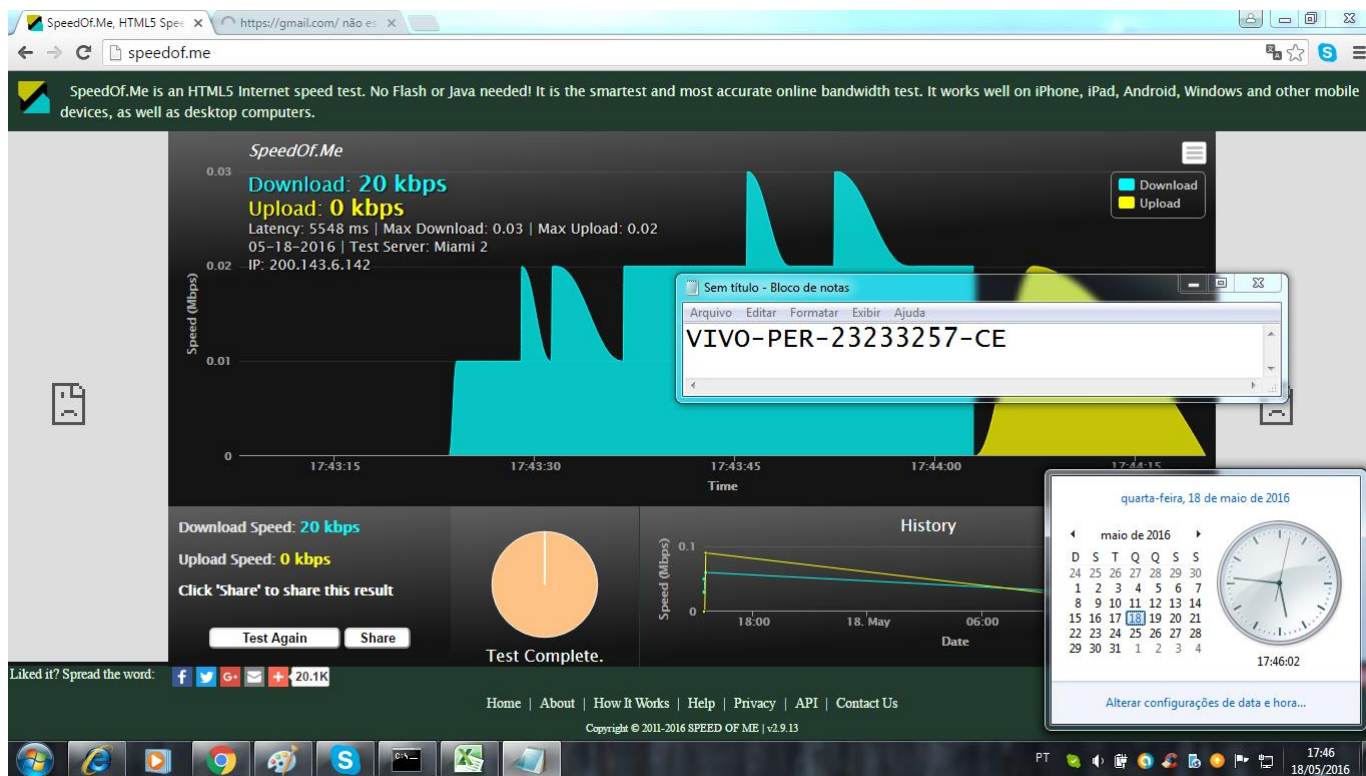
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23233257-CE

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -17 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 46.5 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -21.7 dBm
ODU Output Power     : 35.3 dBm
EIRP                 : 46.2 dBW
Es/No                : 9.5 dB
Header Compression   : Disabled
Timing correction    : -116 us (260825 us)
Frequency correction : 40 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[Msp] 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            : 12.056031 GHz
Symbol Rate          : 9.320452 Msp
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                  : 12.5 dB
Input Power          : -27 dBm
#
```

IP DVB 10.50.1.142/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.142

Pinging 10.50.1.142 with 32 bytes of data:

```
Reply from 10.50.1.142: bytes=32 time=618ms TTL=62
Reply from 10.50.1.142: bytes=32 time=534ms TTL=62
Reply from 10.50.1.142: bytes=32 time=640ms TTL=62
Reply from 10.50.1.142: bytes=32 time=562ms TTL=62
```

Ping statistics for 10.50.1.142:

```
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 640ms, Average = 587ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=720 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 = 530/710/900 ms
```