

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

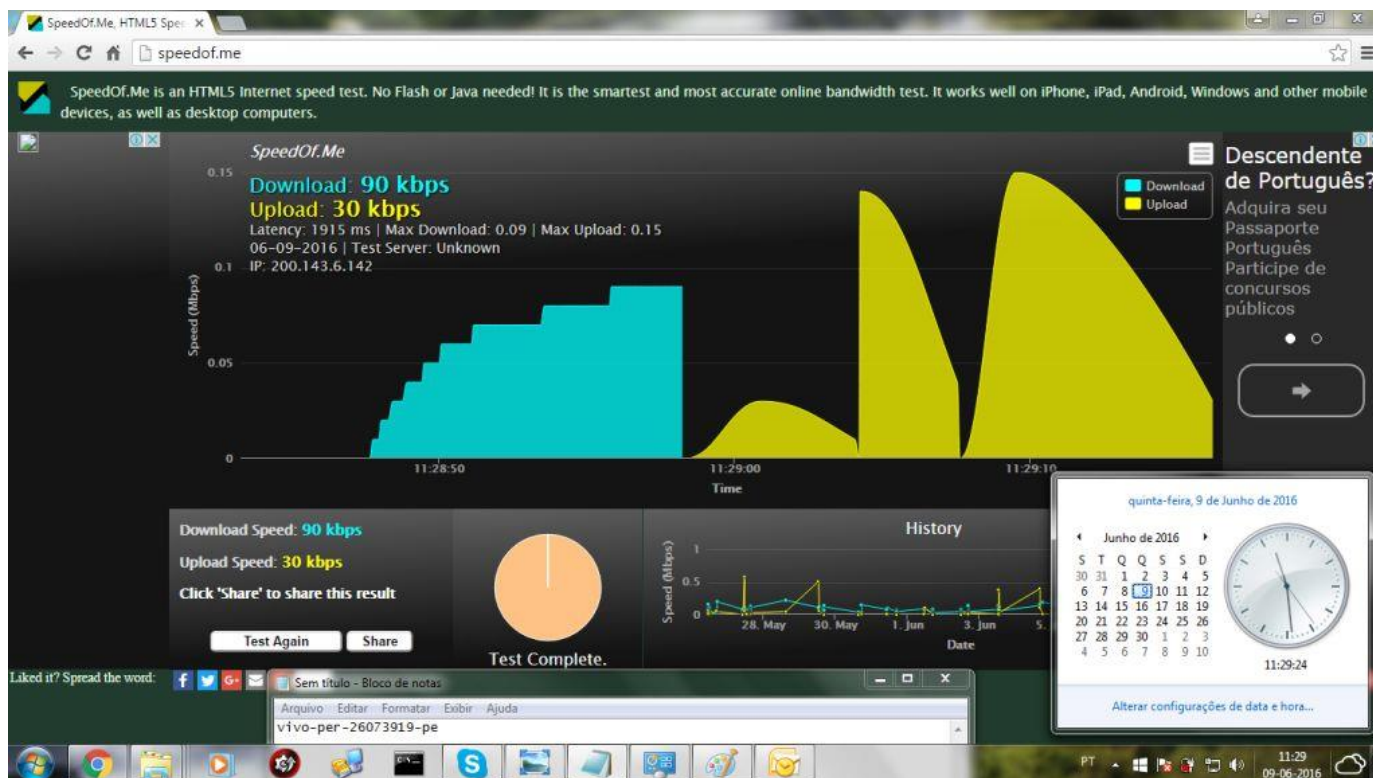
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-26073919-PE

**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     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

```
Satellite (DVB) Transmitter Status
```

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -15.6 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.0 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -208 us (262091 us)
Frequency correction : -80 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            : 12.055890 GHz
Symbol Rate          : 9.320021 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                   : 14.1 dB
Input Power           : -20 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 172.18.128.192

Pinging 172.18.128.192 with 32 bytes of data:

```
Reply from 172.18.128.192: bytes=32 time=1915ms TTL=62
Reply from 172.18.128.192: bytes=32 time=635ms TTL=62
Reply from 172.18.128.192: bytes=32 time=555ms TTL=62
Reply from 172.18.128.192: bytes=32 time=580ms TTL=62
```

```
Ping statistics for 172.18.128.192:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 555ms, Maximum = 1915ms, Average = 921ms
```

**Ping desde dentro da VSAT 8.8.8.8**

```
# 64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=700 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 670/700/740 ms
#
```