

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

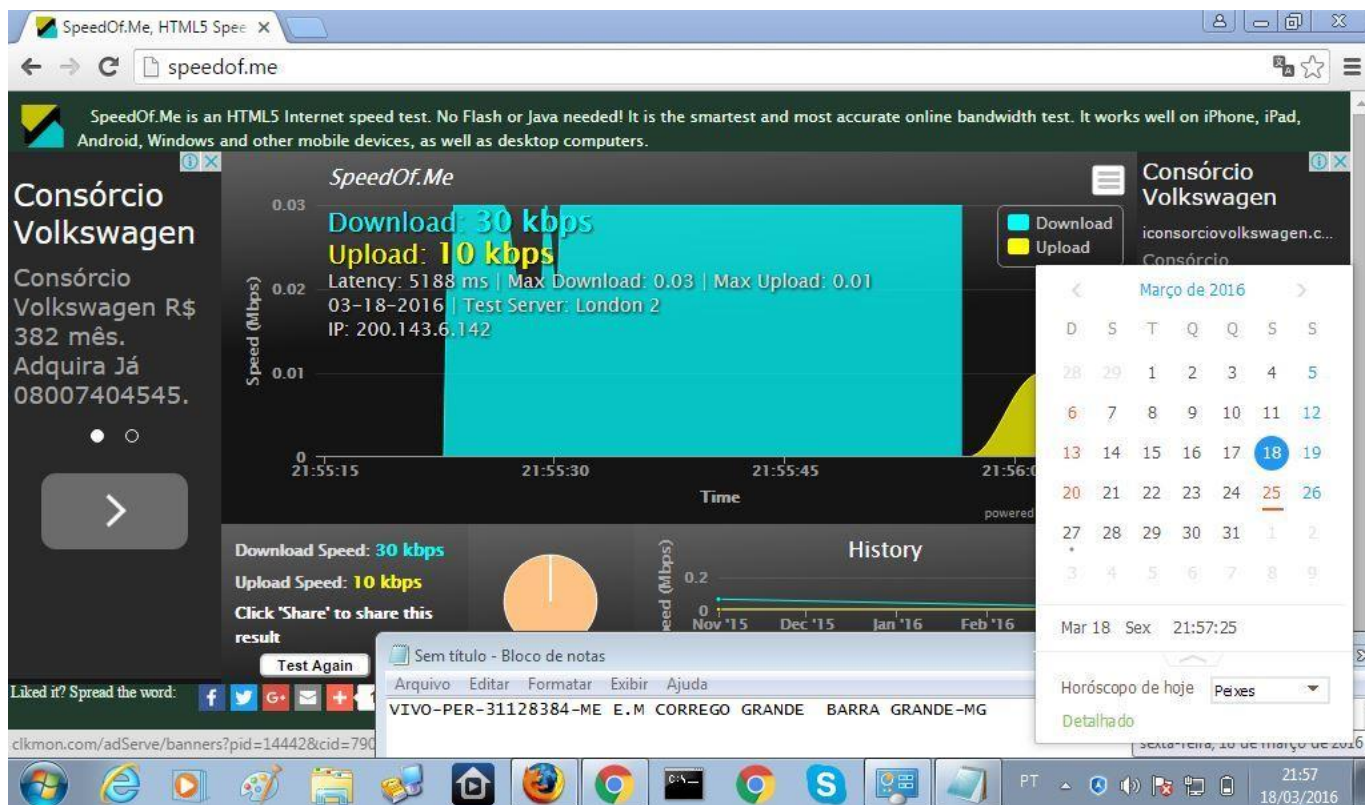
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31128384-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     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -17.8 dBm
ODU Output Power     : 34.9 dBm
EIRP                 : 48.2 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -266 us (262277 us)
Frequency correction : 130 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 | 102 | Yes |
| 1 | 1 | 9.320000 | 12.055825 | DVB-S2 | 4 | No |

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, GlobalIP@Telstar-14R
Frequency : 12.056003 GHz
Symbol Rate : 9.319918 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 13.2 dB
Input Power : -25 dBm

IP DVB 10.53.0.6/32

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

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.6

Pinging 10.53.0.6 with 32 bytes of data:

Reply from 10.53.0.6: bytes=32 time=615ms TTL=62
Reply from 10.53.0.6: bytes=32 time=535ms TTL=62
Reply from 10.53.0.6: bytes=32 time=641ms TTL=62
Reply from 10.53.0.6: bytes=32 time=560ms TTL=62

Ping statistics for 10.53.0.6:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 535ms, Maximum = 641ms, Average = 587ms

Ping desde dentro da VSAT 8.8.8.8

64 bytes from 8.8.8.8: time=510 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=540 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 510/530/550 ms