TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa
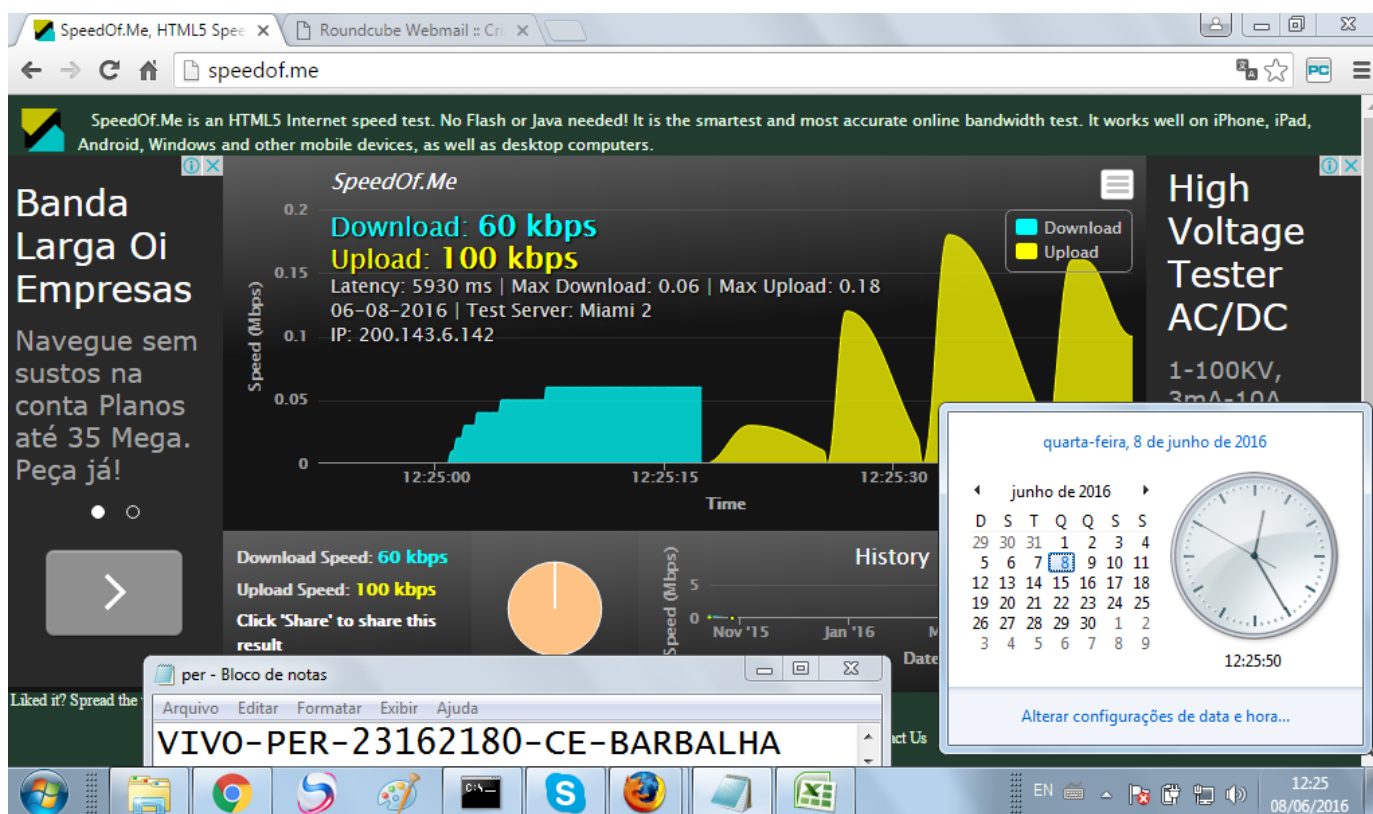
Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23162180-CE	256k/128k	VSAT


```
# dvb tx show
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -22 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    : -16.6 dBm
ODU Output Power    : 34.9 dBm
EIRP                : 45.8 dBW
Es/No               : 11.5 dB
Header Compression  : Disabled
Timing correction   : -197 us (260980 us)
Frequency correction: -60 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[Msps]  Freq[GHz] Mode    PopId   SatId  Pos   SatName        Name
Enable
* 0  0      9.320000       12.055825 DVB-S2 102        0    0.0 E
Yes
  1  1      0.000000        0.000000 DVB-S2 2          0    0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State              : On
DVB State             : Forward link up
Network               : 1326,  GlobalIP@Telstar-14R
Frequency             : 12.055592 GHz
Symbol Rate           : 9.319855 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                   : 12.9 dB
Input Power           : -33 dBm
#




IP DVB 10.50.2.61/32



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


C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.2.61

Pinging 10.50.2.61 with 32 bytes of data:

Reply from 10.50.2.61: bytes=32 time=1267ms TTL=62
Reply from 10.50.2.61: bytes=32 time=662ms TTL=62
Reply from 10.50.2.61: bytes=32 time=844ms TTL=62
Reply from 10.50.2.61: bytes=32 time=598ms TTL=62

Ping statistics for 10.50.2.61:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 598ms, Maximum = 1267ms, Average = 842ms

Ping desde dentro da VSAT 8.8.8.8

# 64 bytes from 8.8.8.8: time=1430 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=1130 ms
64 bytes from 8.8.8.8: time=930 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 770/1000/1430 ms
```