TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

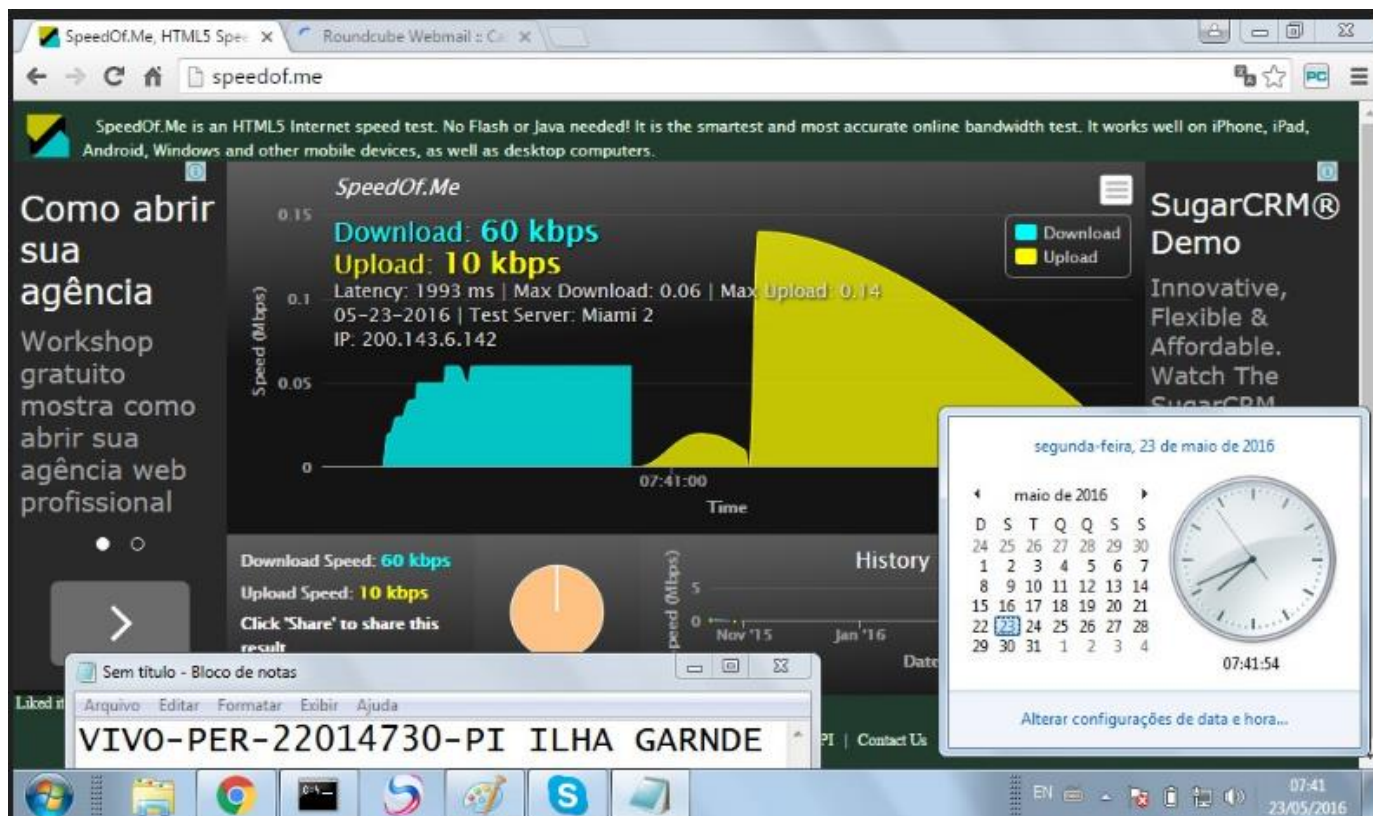| NOC/Operador: Bruno Carvalho de Sá	Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-22014730-PI	256/128	VSAT


```
# 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


Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  GlobalIP@Telstar-14R
Frequency          : 12.055998 GHz
Symbol Rate        : 9.320001 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                    : 13.0 dB
Input Power            : -27 dBm


# 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       : 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       : -17.9 dBm
ODU Output Power       : 35.4 dBm
EIRP                   : 46.3 dBW
Es/No                  : 12.5 dB
Header Compression  : Disabled
Timing correction    : -230 us (259843 us)
Frequency correction: -160 Hz
#

IP DVB 10.50.1.160 /32

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1760 ms
64 bytes from 8.8.8.8: time=750 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 710/920/1760 ms
#
```