TERMO DE ACEITE TÉCNICO

EMC EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais
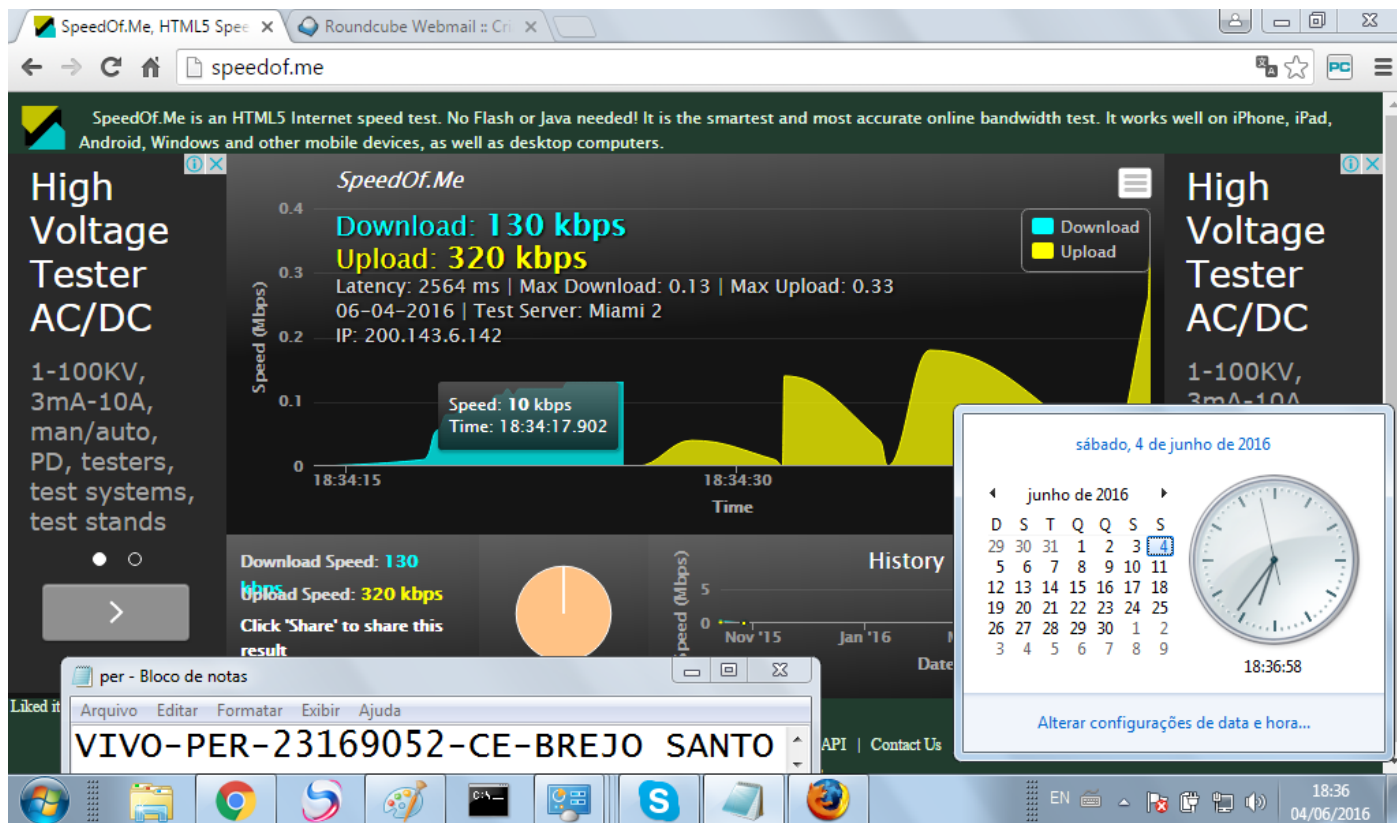
NOC/Operador: Hernan Martins

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23169052-CE	256/128	VSAT


```
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           : 12.056051 GHz
Symbol Rate         : 9.320203 Msps
S2 ModCod
     - receiving    : 15   8PSK-5/6
     - current max  : 16   8PSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
```

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DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 13.3 dB
Input Power          : -23 dBm




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     : -22.2 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 45.9 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -100 us (261109 us)
Frequency correction: 60 Hz




ping 10.29.21.185 -t

Pinging 10.29.21.185 with 32 bytes of data:
Reply from 10.29.21.185: bytes=32 time=1572ms TTL=62
Reply from 10.29.21.185: bytes=32 time=674ms TTL=62
Reply from 10.29.21.185: bytes=32 time=652ms TTL=62
Reply from 10.29.21.185: bytes=32 time=1765ms TTL=62
Reply from 10.29.21.185: bytes=32 time=912ms TTL=62
Reply from 10.29.21.185: bytes=32 time=636ms TTL=62
Reply from 10.29.21.185: bytes=32 time=940ms TTL=62
Reply from 10.29.21.185: bytes=32 time=641ms TTL=62
Reply from 10.29.21.185: bytes=32 time=737ms TTL=62
Reply from 10.29.21.185: bytes=32 time=1983ms TTL=62
Reply from 10.29.21.185: bytes=32 time=685ms TTL=62
Reply from 10.29.21.185: bytes=32 time=1924ms TTL=62

Ping statistics for 10.29.21.185:
    Packets: Sent = 12, Received = 12, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 636ms, Maximum = 1983ms, Average = 1093ms




ping 8.8.8.8
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=850 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 = 620/720/850 ms
```