TERMO DE ACEITE TÉCNICO

EMERGING MARKETS COMMUNICATIONS

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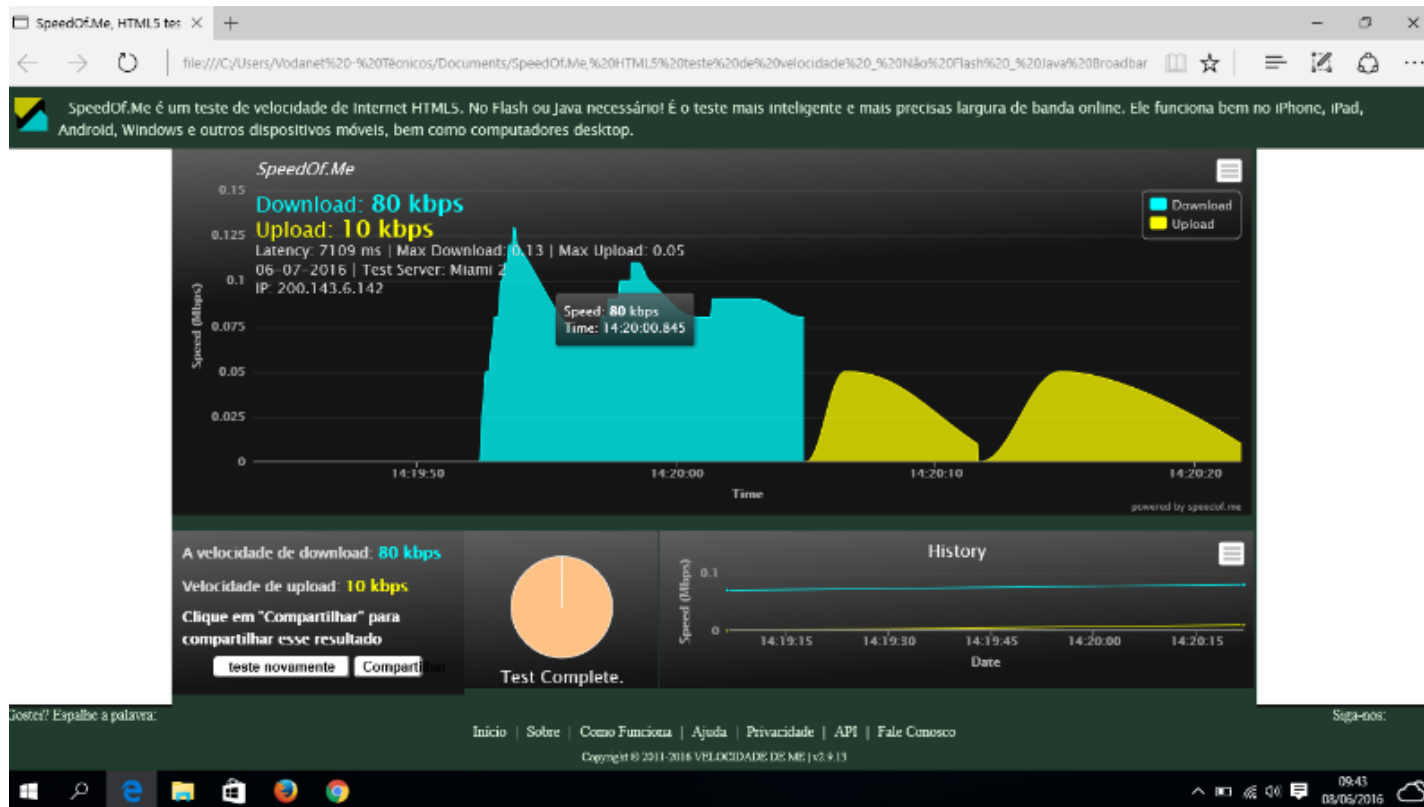
NOC/Operador: Hernan Martins | **Cliente:** VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31253596-MG	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           : 12.055992 GHz
Symbol Rate         : 9.320056 Msps
S2 ModCod
     - receiving    : 15   8PSK-5/6
     - 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                   : 12.6 dB
Input Power           : -30 dBm




Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -20 dBM
IDU Max Output Power: 0.0 dBM
ODU Output Power      : 33.2 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      : -20.0 dBM
ODU Output Power      : 33.3 dBm
EIRP                  : 46.6 dBW
Es/No                 : 12.5 dB
Header Compression    : Disabled
Timing correction     : -94 us (261105 us)
Frequency correction: 90 Hz




ping 10.29.22.65 -t

Disparando 10.29.22.65 com 32 bytes de dados:
Resposta de 10.29.22.65: bytes=32 tempo=579ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=688ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=585ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=672ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=581ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=576ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=585ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=692ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=585ms TTL=62
Resposta de 10.29.22.65: bytes=32 tempo=679ms TTL=62

Estatísticas do Ping para 10.29.22.65:
    Pacotes: Enviados = 10, Recebidos = 10, Perdidos = 0 (0% de
            perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 576ms, Máximo = 692ms, Média = 622ms




# ping 8.8.8.8
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=1250 ms
64 bytes from 8.8.8.8: time=880 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/850/1250 ms
```