	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-26112086-PE	256/128	VSAT
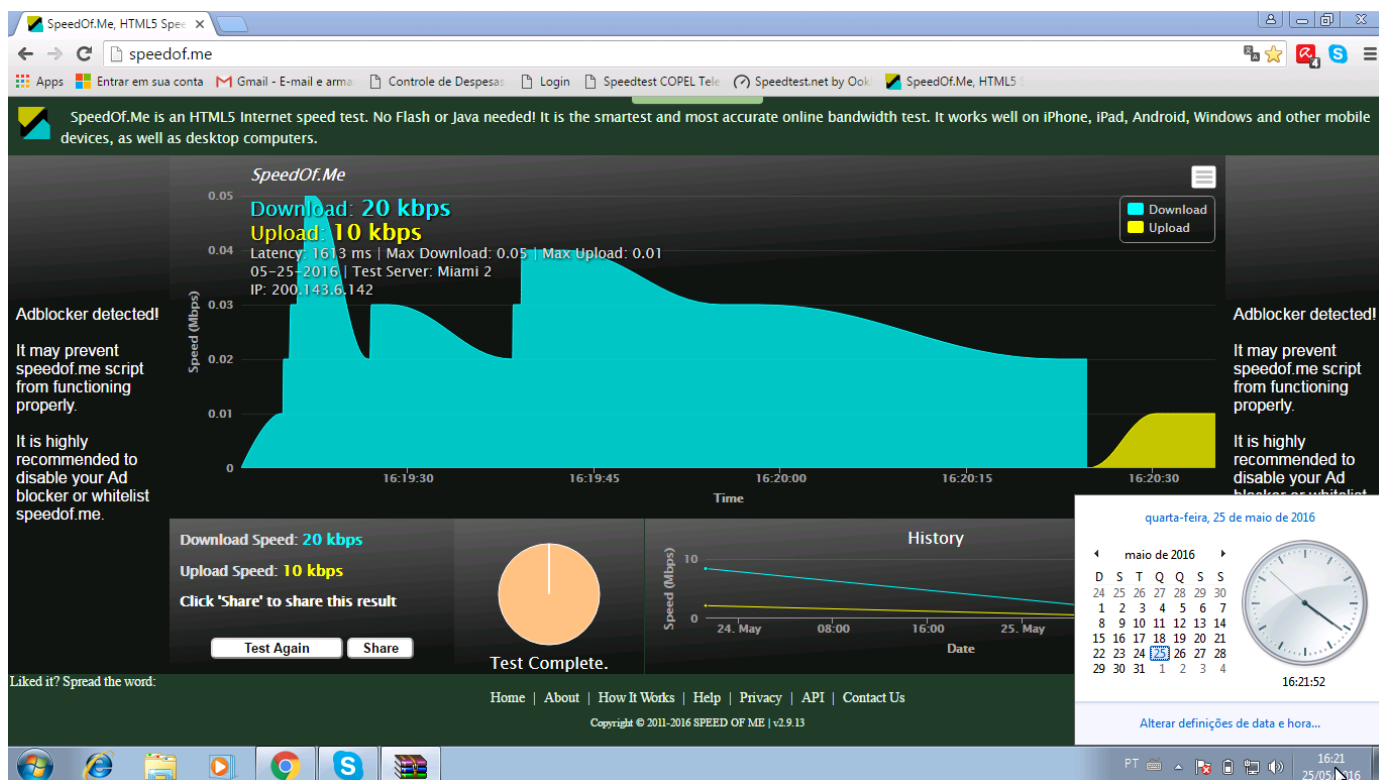

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start            : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog           : 15 minute

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             : 12.056009 GHz
Symbol Rate           : 9.319793 Msps
S2 ModCod
      - receiving     : 16   8PSK-8/9
      - 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                  : 13.3 dB
Input Power          : -28 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) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.5 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     : -22.7 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -280 us (262601 us)
Frequency correction: -60 Hz



ping 10.29.18.89 -t

Disparando 10.29.18.89 com 32 bytes de dados:
Resposta de 10.29.18.89: bytes=32 tempo=1251ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=1042ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=595ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=586ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=579ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=601ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=601ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=682ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=627ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=558ms TTL=62
Resposta de 10.29.18.89: bytes=32 tempo=1063ms TTL=62

Estatísticas do Ping para 10.29.18.89:
    Pacotes: Enviados = 11, Recebidos = 11, Perdidos = 0 (0% de
             perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 558ms, Máximo = 1251ms, Média = 744ms



# ping 8.8.8.8
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=680 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=550 ms
```