TERMO DE ACEITE TÉCNICO

Global Eagle™

Solicitante: GEE Brasil

NOC/Operador: Pedro Bernardes

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	VIVO-PER-31304506-MG	1M/512k	VSAT
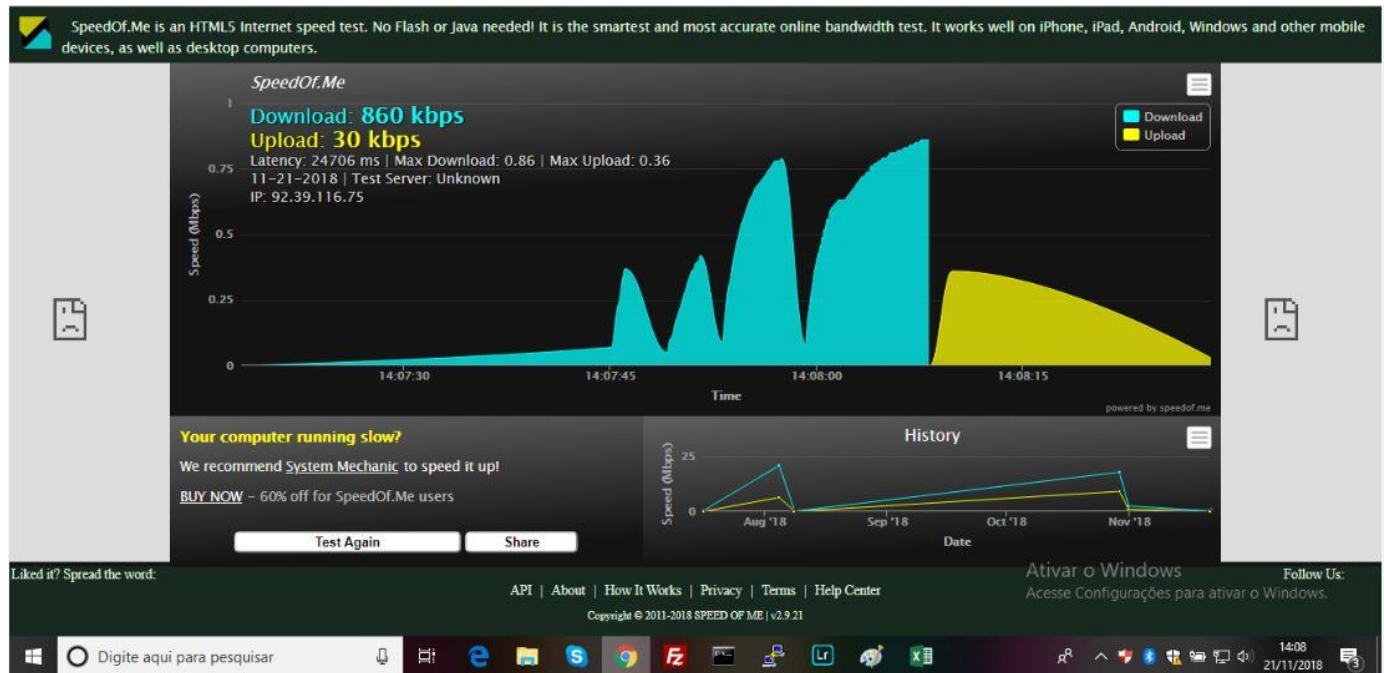

```
# dvb rx show

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    30.000000     11.592000 DVB-S2 102        0   0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  T14R Beam
Frequency           : 11.592037 GHz
Symbol Rate         : 29.999652 Msps
S2 ModCod
      - receiving   : 21   16APSK-5/6
      - current max : 21   16APSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 14.9 dB
```

```
Input Power        : -33 dBm
# dvb tx show


Satellite (DVB) TX Configuration
--------------------------------
Auto start         : Enabled
IDU Output Power   : -16 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode           : VC-Mux
Header Compression :  None



Satellite (DVB) Transmitter Status
----------------------------------
State              : On  (DVB-RCS2)
IDU Output Power   : -15.9 dBm
Es/No              : 12.5 dB
Header Compression : Disabled
Timing correction  : -162 us (248782 us)
Frequency correction: 960 Hz


# odu show

Antenna
---------------------
Type                              ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller                None
Tx Gain at 14.25 GHz              43.3dB


Transmitter (BUC)
-------------------------------
Type                              JRC NJT5037 (14.0-14.5 GHz)
Local oscillator                  13.050000 GHz
DC supply                         24V On


Receiver (LNB)
-----------------------------
Type                              Invacom SPV-1SM (10.70-12.75 GHz)
Local oscillator - LO1            9.750000 GHz
Local oscillator - LO2            10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode                 22kHz
13/18V DC supply                  13V


# device show
System Information:
    Name              : VIVO-PER-31304506-MG
    Location          : BONITO/MG
    Contact           :
    System Up time    : 0 days, 13:04:24
    CPU Load          : 26%
    System time(UTC)  : 22 November 2018 22:14:36
    Broadcast Message : not set

HW:
    Model             : SatLink 2000
    HW ID             : 120033
    Main board ID     : 120026 R6.2

MAC addresses:
    Ethernet (LAN)    : 00:20:0e:10:86:87
    Satellite (DVB)   : 00:20:0e:10:86:87
```

```
Disparando 172.18.137.211 com 32 bytes de dados:
Resposta de 172.18.137.211: bytes=32 tempo=706ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=759ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=825ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=904ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=624ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=688ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=754ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=822ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=898ms TTL=62
Resposta de 172.18.137.211: bytes=32 tempo=607ms TTL=62

Estatísticas do Ping para 172.18.137.211:
    Pacotes: Enviados = 10, Recebidos = 10, Perdidos = 0 (0% de
            perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 607ms, Máximo = 904ms, Média = 758ms
```