Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: GEE Brasil
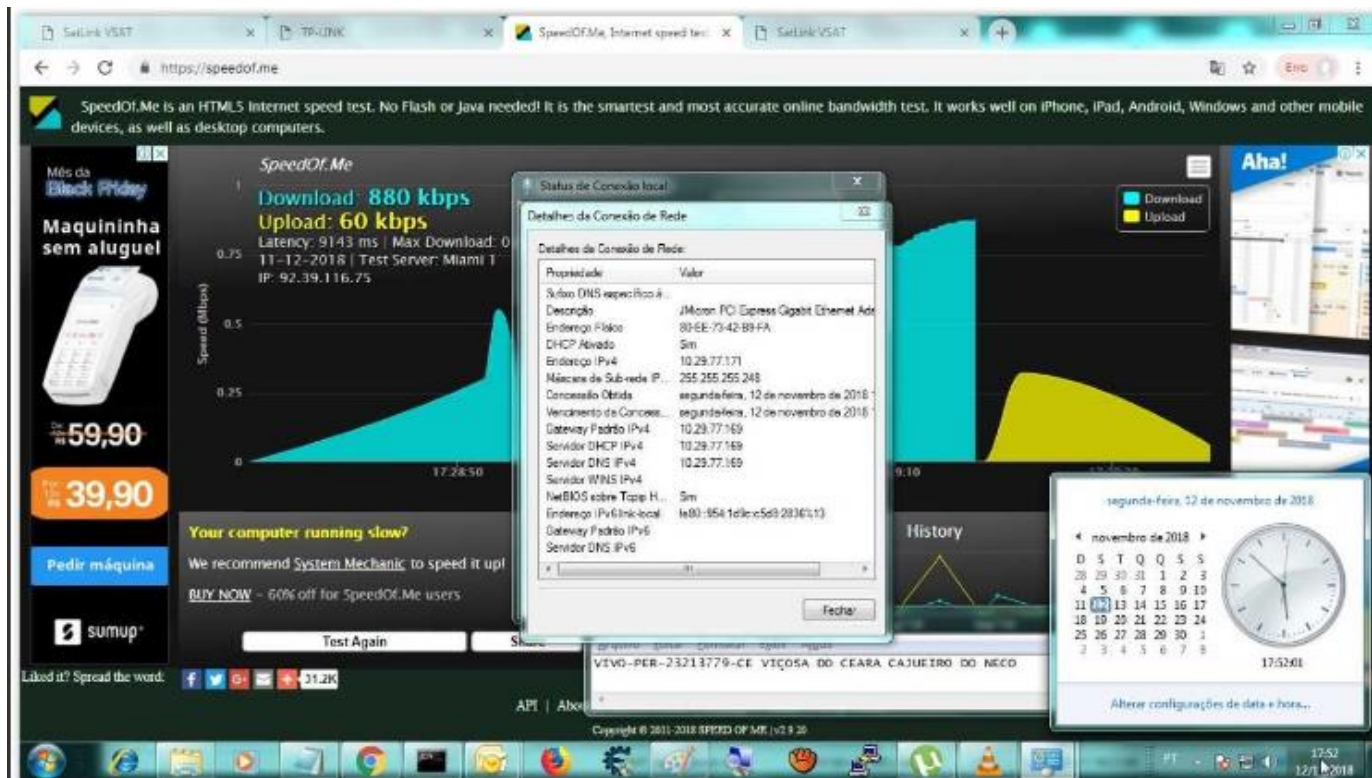
NOC/Operador: Leonardo Martins Silva | **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	VIVO-PER-23213779-CE	1M/256k	VSAT


```
# device show
System Information:
    Name              : VIVO-PER-23213779-CE
    Location          : Viçosa do Ceará - CE
    Contact           :
    System Up time    : 0 days, 00:11:25
    CPU Load          : 29%
    System time(UTC)  : 12 November 2018 20:47:20
    Broadcast Message : not set

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

MAC addresses:
    LAN               : 00:20:0e:10:85:ee
    Satellite (DVB)   : 00:20:0e:10:85:ee

# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start        : Enabled
BUPC status       : Disabled
```

```
IDU Output Power     : -19 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     : -19.0 dBm
Es/No               : 15.5 dB
Header Compression  : Disabled
Timing correction   : -28 us (247921 us)
Frequency correction: 930 Hz
# dvb rx show

Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max Signalling MODCOD : 23   16APSK-9/10
Max Traffic MODCOD   : 28   32APSK-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           : 11.592006 GHz
Symbol Rate         : 30.000120 Msps
S2 ModCod
      - receiving   : 18   16APSK-2/3
      - current max : 22   16APSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 16.1 dB
Input Power         : -31 dBm
# odu show


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


Transmitter (BUC)
--------------------------------
Type                          JRC NJT5017 (14.0-14.5 GHz)
Local oscillator              13.050000 GHz
DC supply                     24V On
Reference                     10Mhz On


Receiver (LNB)
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Type                          Zinwell ZK-VJ1 (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


# dvb cr show


Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0         0             48


Requested capacity per QoS class:
--------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0         256          26            0            0 Best Effort
     0       1           0           0            0            0 VoIP
     0       2           0           0            0            0 ViC
     0       3          32           3            0            0 Critical Data


RBDC timeout 14 VBDC timeout 20


VBDC computation interval 200 ms (configured 0)
#
```