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-23014580-CE	1M/256k	VSAT
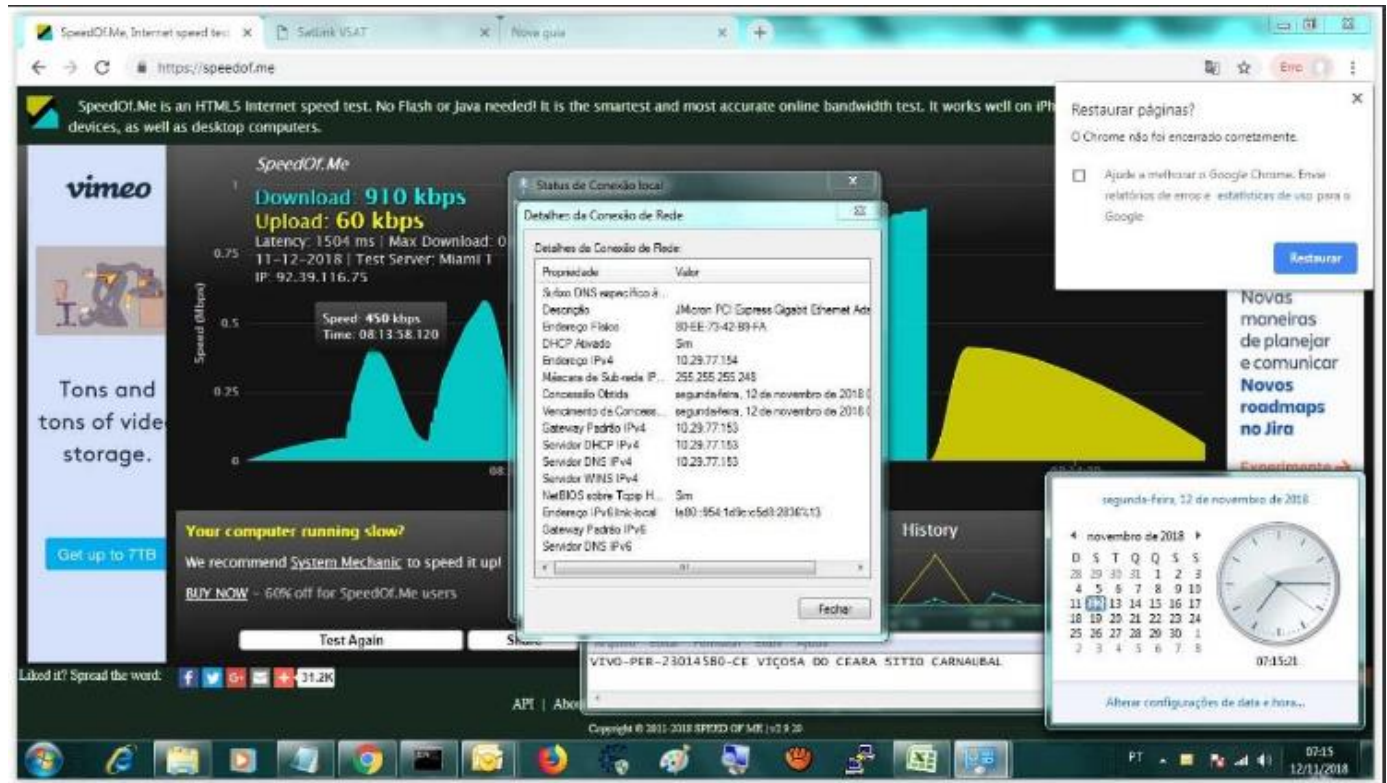

```
# device show
System Information:
    Name               : VIVO-PER-23014580-CE
    Location           : VIÇOSA DO CEARA - CE
    Contact            :
    System Up time     : 0 days, 00:08:10
    CPU Load           : 33%
    System time(UTC)   : 12 November 2018 11:39:41
    Broadcast Message  : not set

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

MAC addresses:
    LAN                : 00:20:0e:10:85:d7
    Satellite (DVB)    : 00:20:0e:10:85:d7

# 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    : -18.9 dBm
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -29 us (247889 us)
Frequency correction: 790 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           : 11.592023 GHz
Symbol Rate         : 30.000026 Msps
S2 ModCod
     - receiving    : 7   QPSK-3/4
     - 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                 : 15.6 dB
Input Power         : -32 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)
---------------------------
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               3


Requested capacity per QoS class:
--------------------------------
```

```
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
      0       0           256          26             2            0 Best Effort
      0       1             0           0             0            0 VoIP
      0       2             0           0             0            0 ViC
      0       3            32           3             2            0 Critical Data

RBDC timeout 14 VBDC timeout 20

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