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-25069063-PB	1M/256k	VSAT
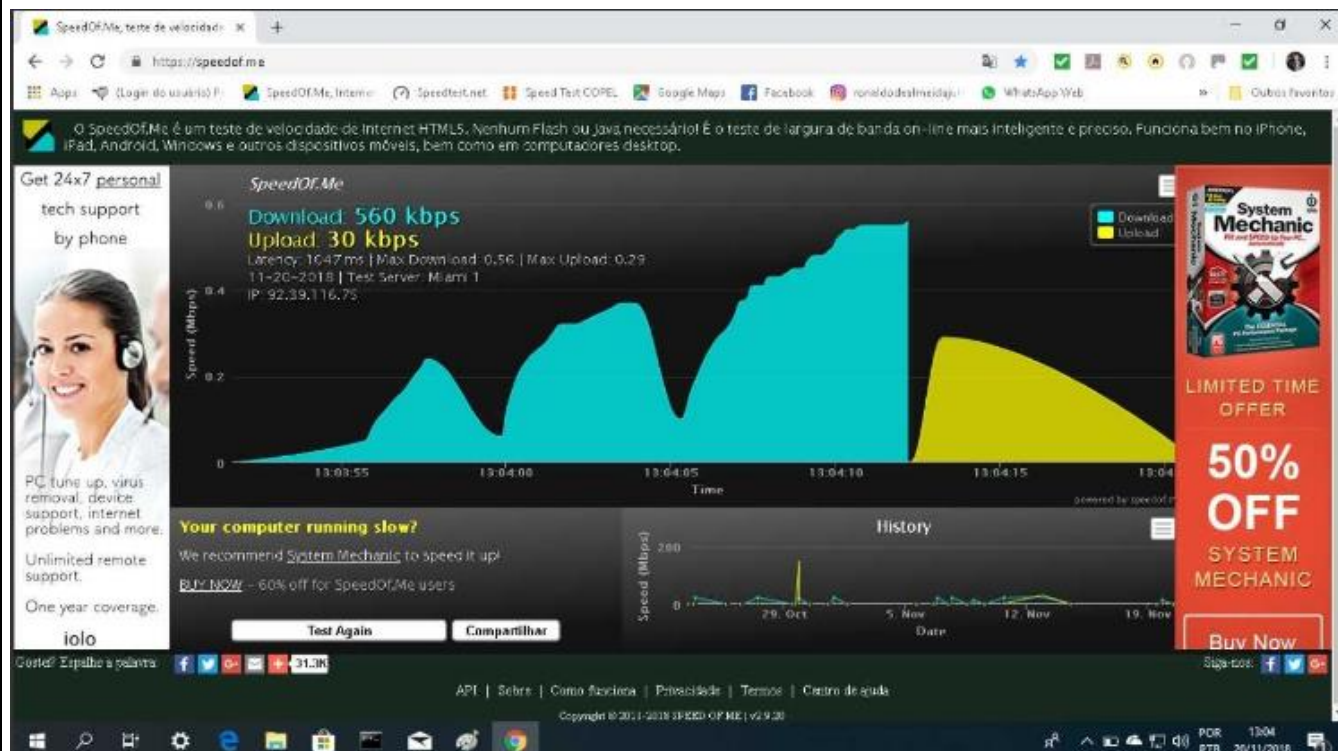

```
# device show
System Information:
    Name              : VIVO-PER-25069063-PB
    Location          : Guarabira - PB
    Contact           :
    System Up time    : 0 days, 01:21:29
    CPU Load          : 27%
    System time(UTC)  : 20 November 2018 17:40:28
    Broadcast Message : not set

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

MAC addresses:
    LAN               : 00:20:0e:10:5e:b2
    Satellite (DVB)   : 00:20:0e:10:5e:b2

# dvb tx show


Satellite (DVB) TX Configuration
-------------------------------
Auto start        : Enabled
BUPC status       : Disabled
IDU Output Power  : -18 dBm
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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    : -18.1 dBm
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -103 us (250158 us)
Frequency correction: 960 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
  1  1    25.333333      12.050000 DVB-S2 102       0    0.0 E

WARNING: More than 2 forward link configurations not fully supported without MOBILE
license!

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  T14R Beam
Frequency           : 11.592026 GHz
Symbol Rate         : 29.999749 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                 : 15.1 dB
Input Power         : -35 dBm
# odu show

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

Transmitter (BUC)
-------------------------------
Type                         JRC NJT5037 (14.0-14.5 GHz)
Local oscillator             13.050000 GHz
DC supply                    24V On
Reference                    10Mhz On

Receiver (LNB)
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```

```
Type                                SatLink 403x (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               0

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             0            0 Critical Data

RBDC timeout 14 VBDC timeout 20

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