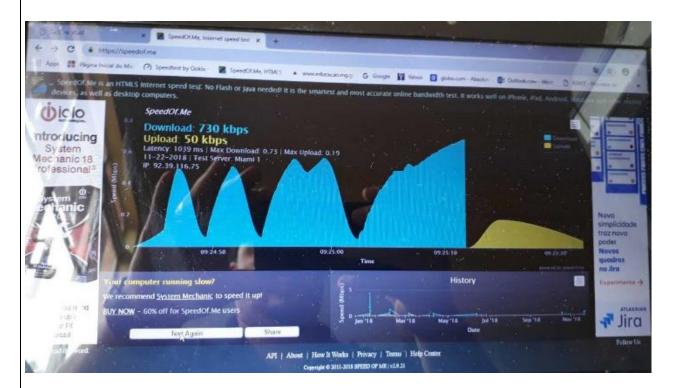# Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: GEE Brasil

NOC/Operador: Leonardo Martins Silva | **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	VIVO-PER-31218448-MG	1M/256k	VSAT


```
# device show
System Information:
    Name                : VIVO-PER-31218448-MG
    Location            : Minas Novas - MG
    Contact             :
    System Up time      : 0 days, 03:07:01
    CPU Load            : 27%
    System time(UTC)    : 22 November 2018 13:14:26
    Broadcast Message   : not set

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

MAC addresses:
    LAN                 : 00:20:0e:10:9a:ca
    Satellite (DVB)     : 00:20:0e:10:9a:ca

# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
BUPC status          : Disabled
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                 : 10.0 dB
Header Compression    : Disabled
Timing correction     : -20 us (249493 us)
Frequency correction: 810 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             : 11.592017 GHz
Symbol Rate           : 30.000162 Msps
S2 ModCod
      - receiving     : 14   8PSK-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                   : 15.5 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 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               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)
#
```