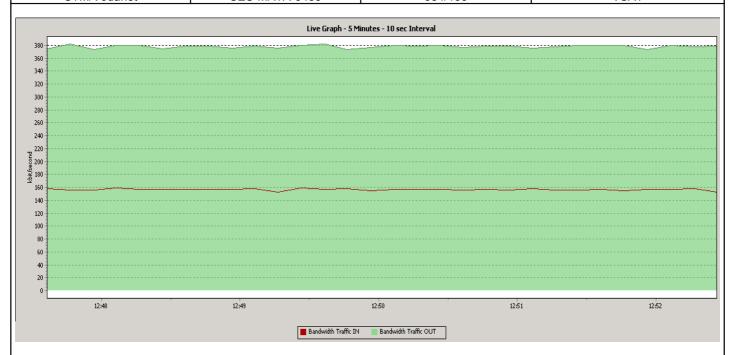| ![prodemge]	# TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Marcos Paulo
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Kyssila Arilayne Chaves

Consórcio STM/Vodanet	**VSAT-ID** SES-MATA-3485	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0   0    13.333000       11.588250  DVB-S2 2         Yes
  1   1     0.000000        0.000000  DVB-S2 0         No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588904 GHz
Symbol Rate         : 13.332946 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.3 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
----------------------------------
State                : On (TDMA)
IDU Output Power     : -21.1 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 48.9 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -261 us (259552 us)
Frequency correction: -380 Hz


IP DVB:10.148.1.37/32


Pinging 10.145.157.1 with 32 bytes of data:

Reply from 10.145.157.1: bytes=32 time=568ms TTL=62
Reply from 10.145.157.1: bytes=32 time=547ms TTL=62
Reply from 10.145.157.1: bytes=32 time=600ms TTL=62
Reply from 10.145.157.1: bytes=32 time=611ms TTL=62
Reply from 10.145.157.1: bytes=32 time=562ms TTL=62
Reply from 10.145.157.1: bytes=32 time=554ms TTL=62
Reply from 10.145.157.1: bytes=32 time=564ms TTL=62
Reply from 10.145.157.1: bytes=32 time=585ms TTL=62
Reply from 10.145.157.1: bytes=32 time=564ms TTL=62
Reply from 10.145.157.1: bytes=32 time=617ms TTL=62

Ping statistics for 10.145.157.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 547ms, Maximum = 617ms, Average = 577ms
```