![prodemge]

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais
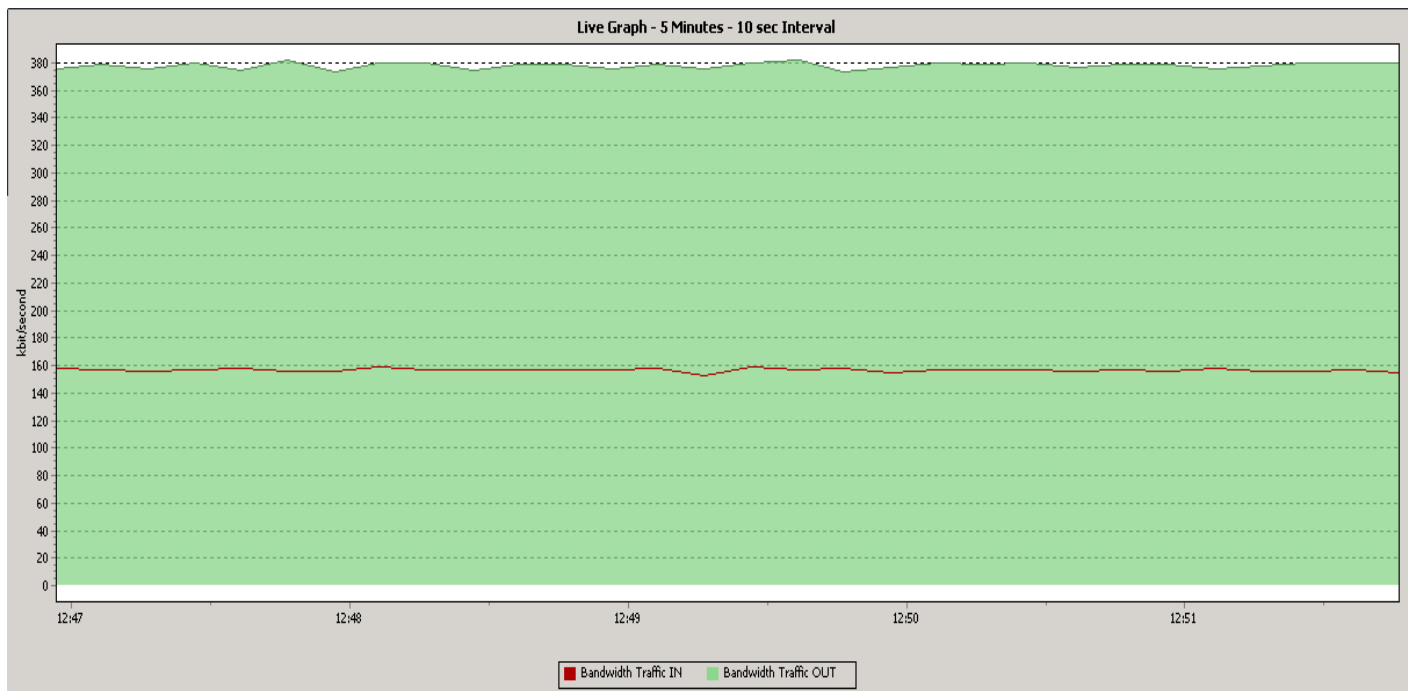
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Jefferson Alves
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Kenia Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MACU-3927	384/153	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  2          No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588171 GHz
Symbol Rate         : 13.332974 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                 : 13.6 dB
Input Power         : -34 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -21 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     : -19.2 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.8 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -241 us (260133 us)
Frequency correction: -170 Hz

IP DVB: 10.148.1.175/32

Pinging 10.146.185.1 with 32 bytes of data:

Reply from 10.146.185.1: bytes=32 time=544ms TTL=62
Reply from 10.146.185.1: bytes=32 time=557ms TTL=62
Reply from 10.146.185.1: bytes=32 time=565ms TTL=62
Reply from 10.146.185.1: bytes=32 time=581ms TTL=62
Reply from 10.146.185.1: bytes=32 time=612ms TTL=62
Reply from 10.146.185.1: bytes=32 time=620ms TTL=62
Reply from 10.146.185.1: bytes=32 time=547ms TTL=62
Reply from 10.146.185.1: bytes=32 time=551ms TTL=62
Reply from 10.146.185.1: bytes=32 time=567ms TTL=62
Reply from 10.146.185.1: bytes=32 time=583ms TTL=62

Ping statistics for 10.146.185.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 551ms, Maximum = 620ms, Average = 562ms
```