prodemge	TERMO DE ACEITE TÉCNICO

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

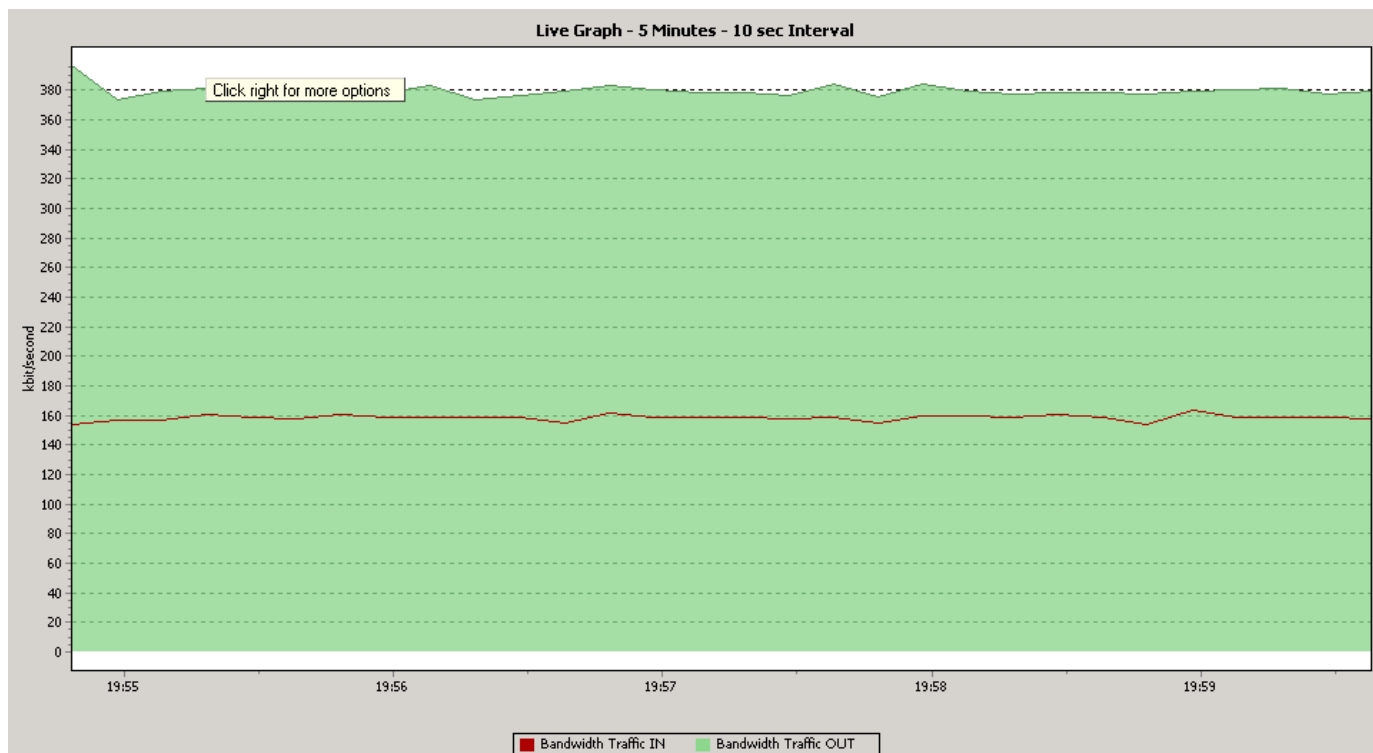| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Victor Hugo Fonseca
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Fabiana Pereira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-VAAS-4374	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Click right for more options

■ 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    45.000000      11.606250  DVB-S2 2         Yes
  1  1     0.000000       0.000000  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606359 GHz
Symbol Rate         : 45.000343 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.4 dB
Input Power         : -22 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -17 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    : -15.7 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 79 us (252636 us)
Frequency correction: 110 Hz


IP DVB 10.148.4.149/32


Pinging 10.172.63.1 with 32 bytes of data:

Reply from 10.172.63.1: bytes=32 time=598ms TTL=62
Reply from 10.172.63.1: bytes=32 time=553ms TTL=62
Reply from 10.172.63.1: bytes=32 time=537ms TTL=62
Reply from 10.172.63.1: bytes=32 time=1954ms TTL=62
Reply from 10.172.63.1: bytes=32 time=635ms TTL=62
Reply from 10.172.63.1: bytes=32 time=564ms TTL=62
Reply from 10.172.63.1: bytes=32 time=582ms TTL=62
Reply from 10.172.63.1: bytes=32 time=590ms TTL=62
Reply from 10.172.63.1: bytes=32 time=541ms TTL=62
Reply from 10.172.63.1: bytes=32 time=525ms TTL=62

Ping statistics for 10.172.63.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 525ms, Maximum = 1954ms, Average = 707ms
```