▶ **prodemge**	**TERMO DE ACEITE TÉCNICO**

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

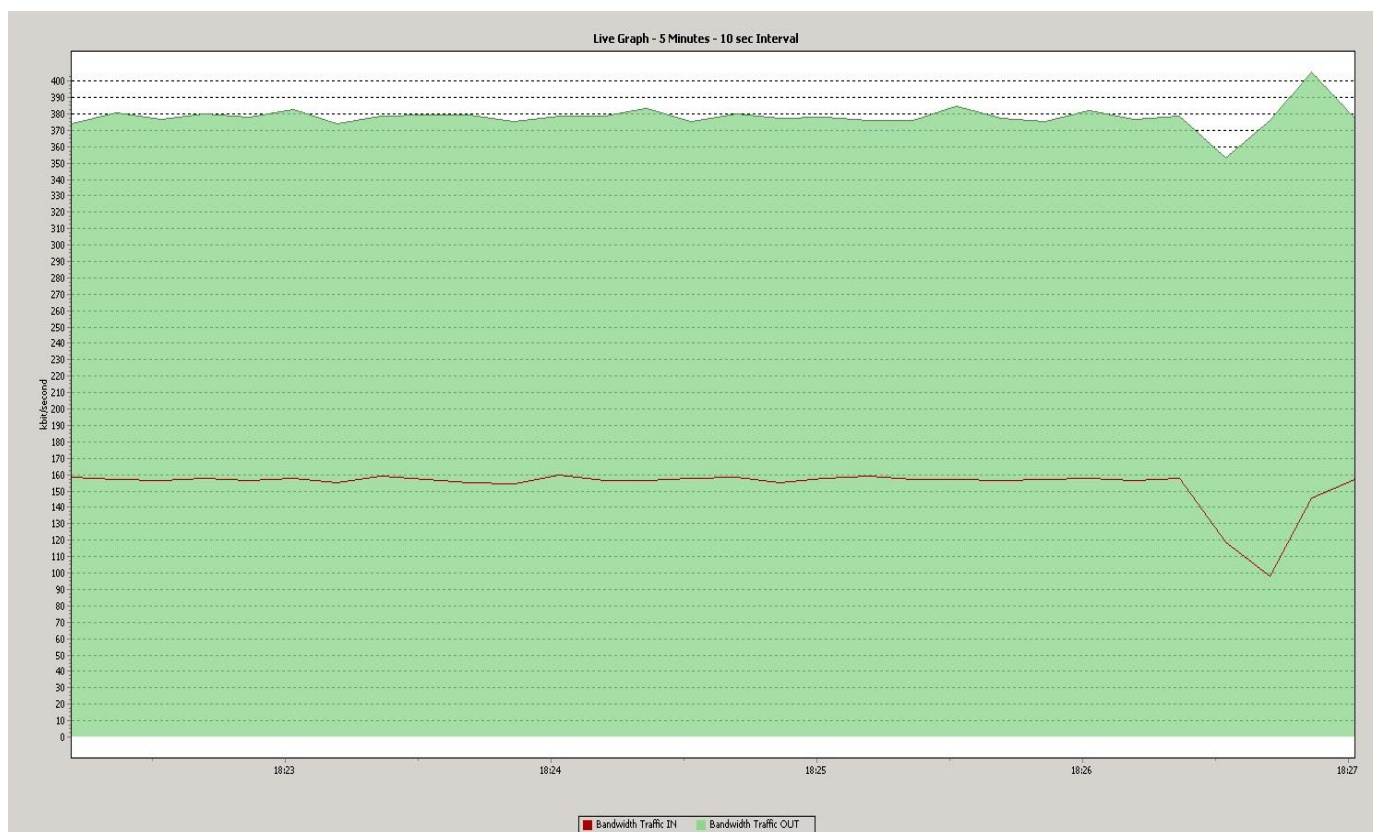| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marcio Antonio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Nayara Dantara

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-RIHO-5076	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    45.000000      11.606250  DVB-S2 3          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606592 GHz
Symbol Rate         : 44.999289 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                 : 9.5 dB
Input Power         : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -18.9 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 85 us (252176 us)
Frequency correction: 140 Hz


IP DVB: 10.148.5.196/32


 Pinging 10.173.177.1 with 32 bytes of data:

 Reply from 10.173.177.1: bytes=32 time=590ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=536ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=577ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=520ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=532ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=564ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=546ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=645ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=560ms TTL=62
 Reply from 10.173.177.1: bytes=32 time=534ms TTL=62

 Ping statistics for 10.173.177.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 520ms, Maximum = 645ms, Average = 560ms
```