▶ prodemge	**TERMO DE ACEITE TÉCNICO**

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

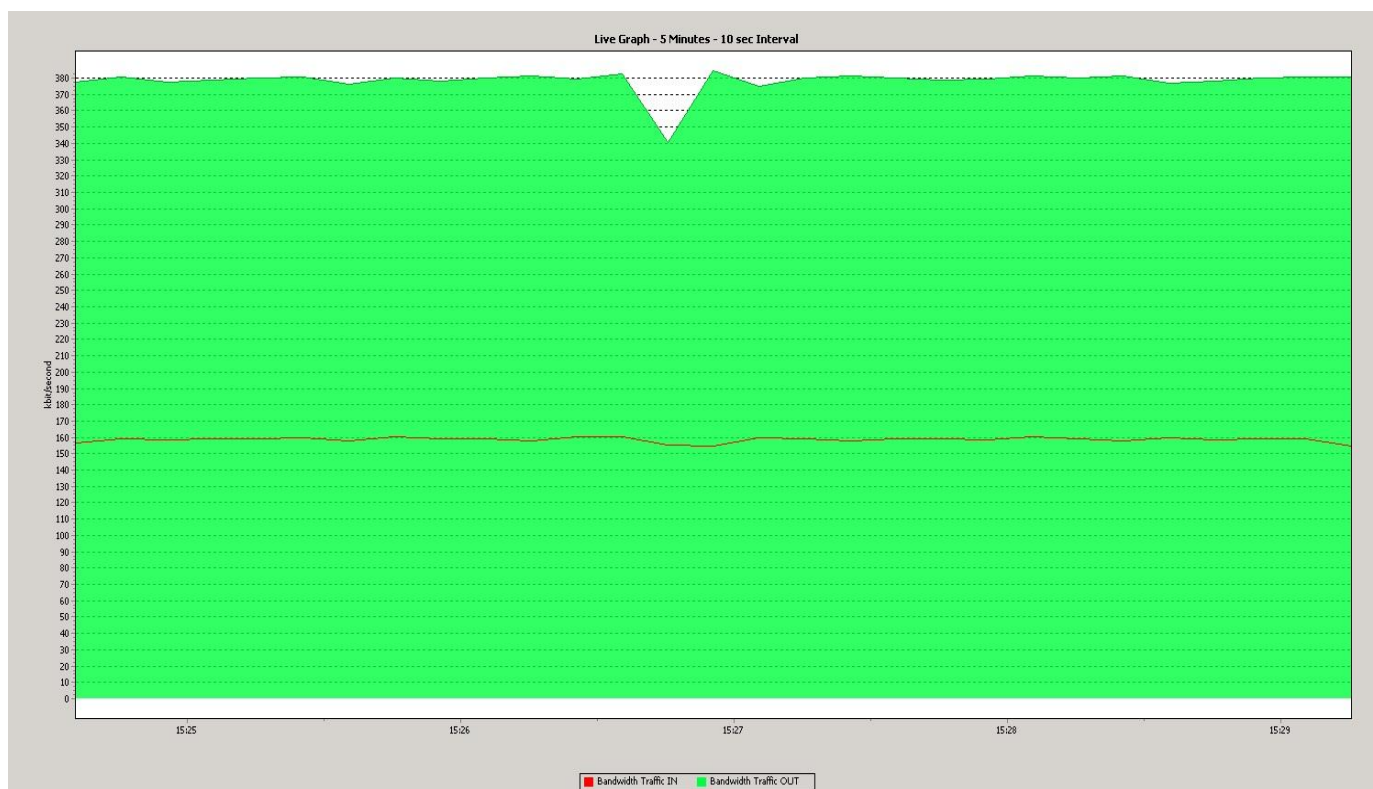| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Maria Vanessa

Consórcio STM/Vodanet	**VSAT-ID** SES-TRES-5111	**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    45.000000     11.606250  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.606340 GHz
Symbol Rate          : 44.999465 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          : -33 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -14.6 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.3 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : -152 us (253090 us)
Frequency correction: -10 Hz


IP DVB: 10.148.4.244/32


 Pinging 10.173.210.1 with 32 bytes of data:

 Reply from 10.173.210.1: bytes=32 time=762ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=570ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=555ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=563ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=567ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=594ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=606ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=525ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=548ms TTL=62
 Reply from 10.173.210.1: bytes=32 time=560ms TTL=62

 Ping statistics for 10.173.210.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 525ms, Maximum = 762ms, Average = 585ms
```