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

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

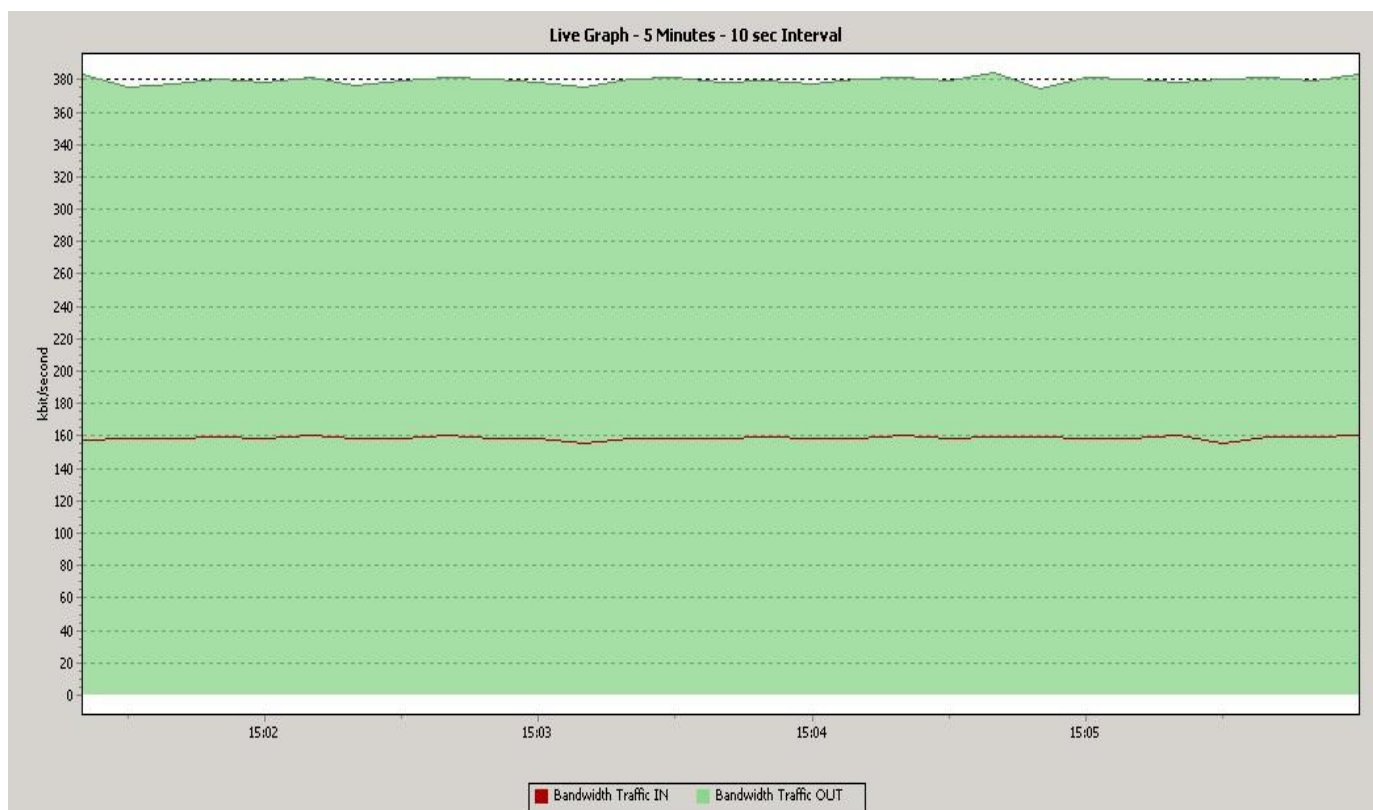| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Dhionny Miranda
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Mirtis Augusta

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SASO-4484	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 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606359 GHz
Symbol Rate         : 45.000393 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 10   QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 8.7 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
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    : -18.1 dBm
ODU Output Power    : 33.6 dBm
EIRP                : 46.9 dBW
Es/No               : 9.0 dB
Header Compression  :  DSM-CC
Timing correction   : -103 us (250307 us)
Frequency correction: -30 Hz


IP DVB: 10.148.3.245/32


 C:\>ping -n 10 10.172.168.1

 Pinging 10.172.168.1 with 32 bytes of data:

 Reply from 10.172.168.1: bytes=32 time=531ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=553ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=547ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=579ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=590ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=604ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=527ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=533ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=548ms TTL=62
 Reply from 10.172.168.1: bytes=32 time=560ms TTL=62

 Ping statistics for 10.172.168.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 527ms, Maximum = 604ms, Average = 557ms
```