	TERMO DE ACEITE TÉCNICO

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

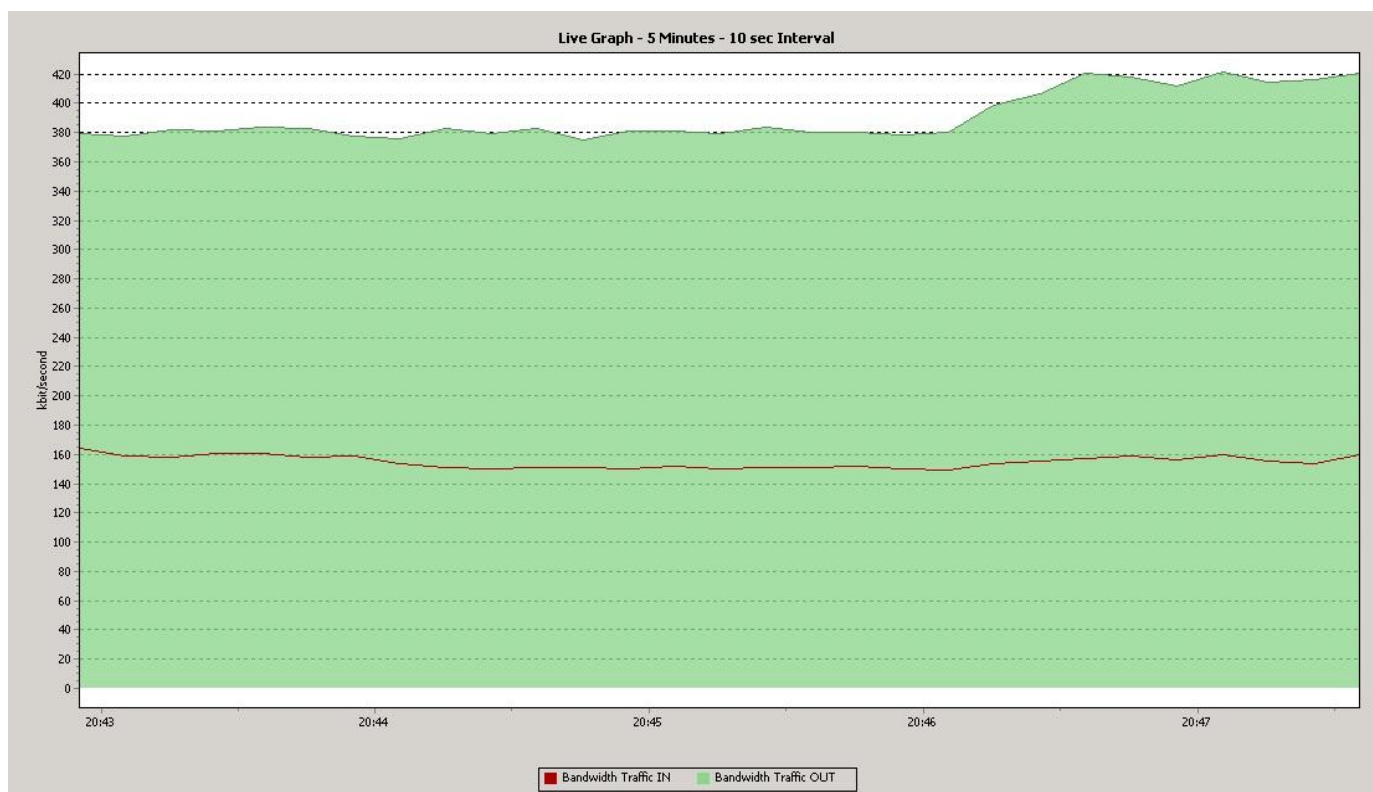| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Passone
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Ângela Maria

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-CAUI-4502	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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            : 11.606128 GHz
Symbol Rate          : 44.999881 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                  : 8.8 dB
Input Power          : -27 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      : -20.8 dBm
ODU Output Power      : 34.2 dBm
EIRP                  : 47.5 dBW
Es/No                 : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : -146 us (253973 us)
Frequency correction: 200 Hz

IP DVB: 10.148.3.251/32


 C:\>ping -n 10 10.172.181.1

 Pinging 10.172.181.1 with 32 bytes of data:

 Reply from 10.172.181.1: bytes=32 time=536ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=562ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=561ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=576ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=587ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=608ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=527ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=538ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=559ms TTL=62
 Reply from 10.172.181.1: bytes=32 time=540ms TTL=62

 Ping statistics for 10.172.181.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 527ms, Maximum = 608ms, Average = 559ms
```