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

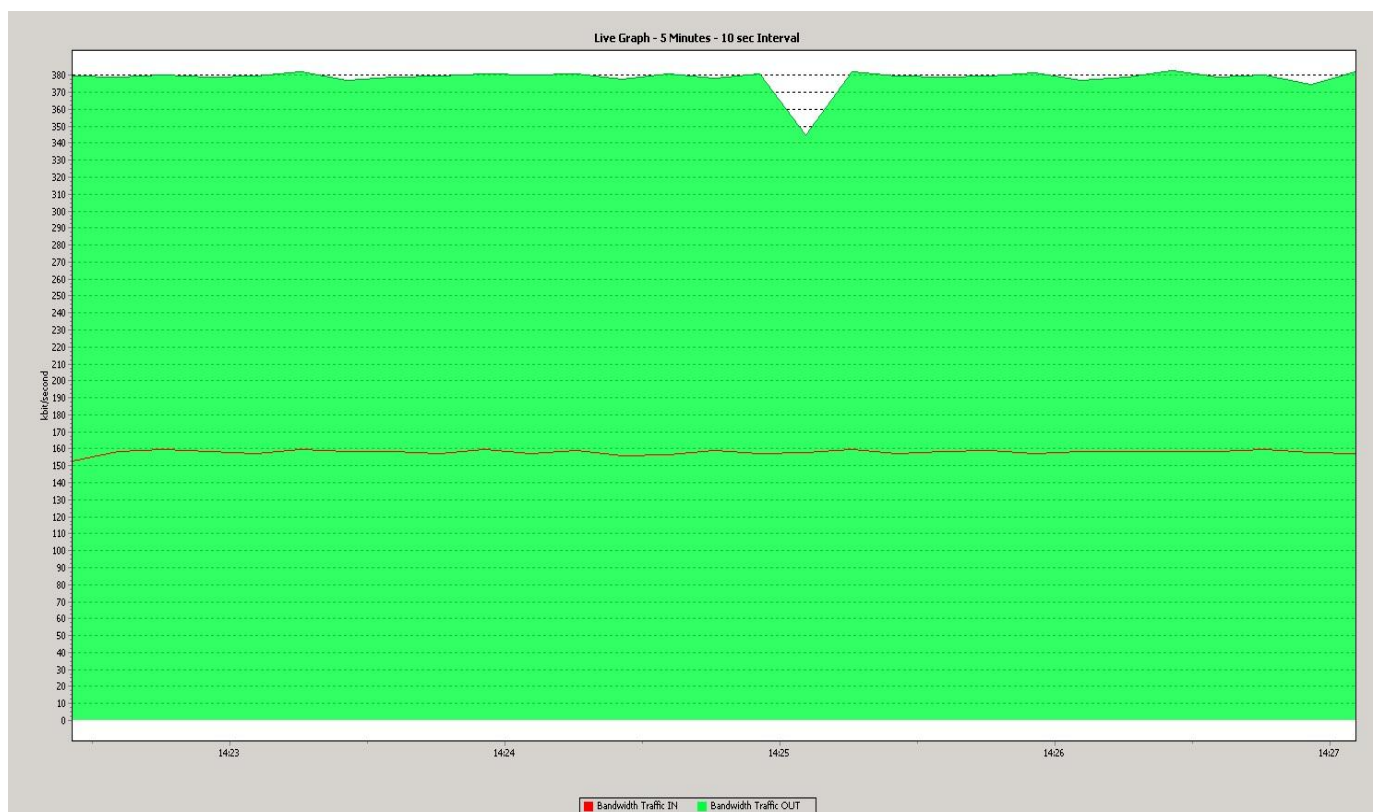| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Regina Celia

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-TRES-5115	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            : 11.607278 GHz
Symbol Rate          : 44.999855 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                  : 9.6 dB
Input Power          : -28 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     : -13.9 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.6 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : -197 us (253094 us)
Frequency correction: -60 Hz


IP DVB: 10.148.5.25/32


 Pinging 10.173.214.1 with 32 bytes of data:

 Reply from 10.173.214.1: bytes=32 time=523ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=532ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=552ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=560ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=584ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=597ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=644ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=567ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=577ms TTL=62
 Reply from 10.173.214.1: bytes=32 time=598ms TTL=62

 Ping statistics for 10.173.214.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 523ms, Maximum = 644ms, Average = 573ms
```