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

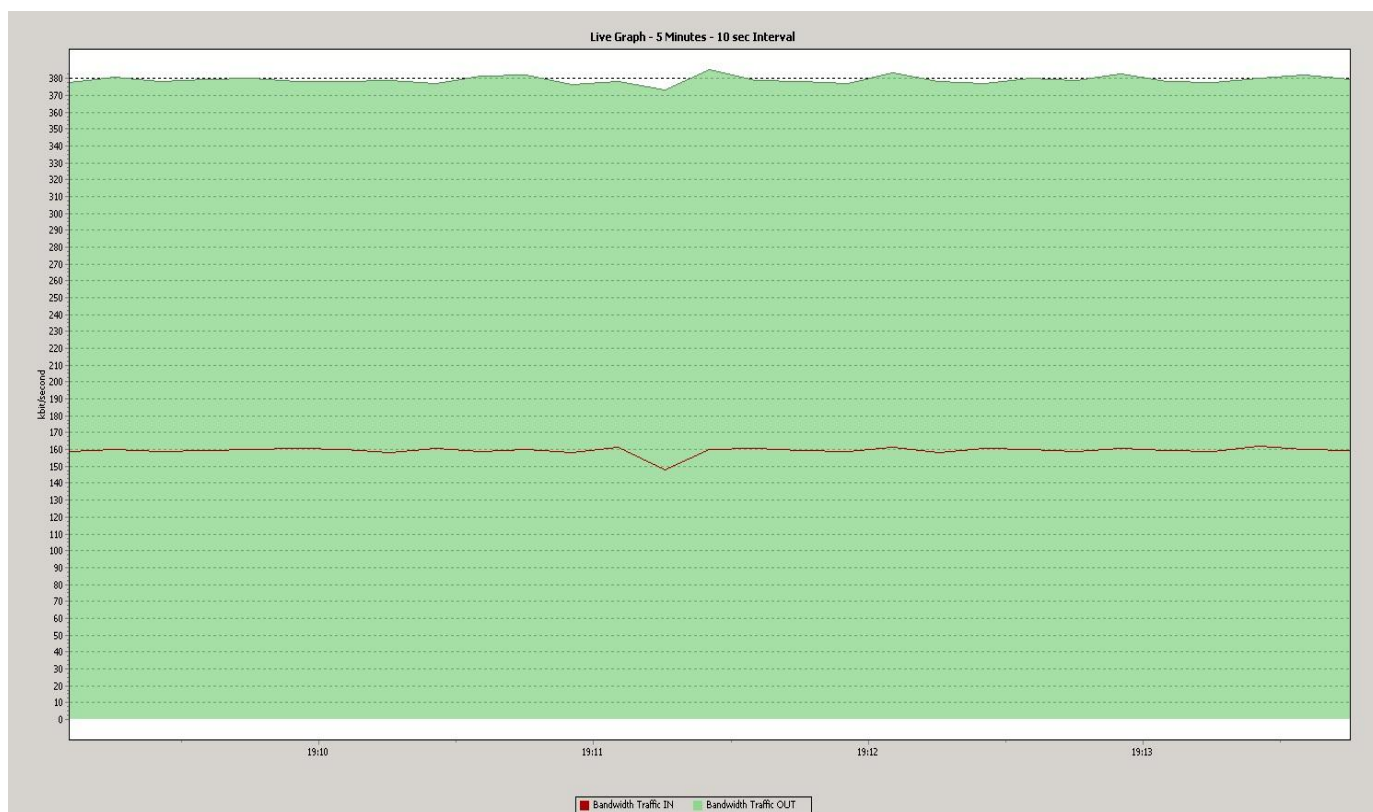| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Ivanil Vitor
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Ledson

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAMA-5255	384/153	VSAT


```
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           : 11.606485 GHz
Symbol Rate         : 44.999964 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                 : 10.2 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Disabled
IDU Output Power    : -14 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    : -10.7 dBm
ODU Output Power    : 34.0 dBm
EIRP                : 47.3 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : 214 us (251927 us)
Frequency correction: 60 Hz


IP DVB: 10.148.5.119/32


 Pinging 10.174.58.1 with 32 bytes of data:

 Reply from 10.174.58.1: bytes=32 time=560ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=543ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=545ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=558ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=560ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=573ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=574ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=587ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=562ms TTL=62
 Reply from 10.174.58.1: bytes=32 time=603ms TTL=62

 Ping statistics for 10.174.58.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 543ms, Maximum = 603ms, Average = 566ms
```