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

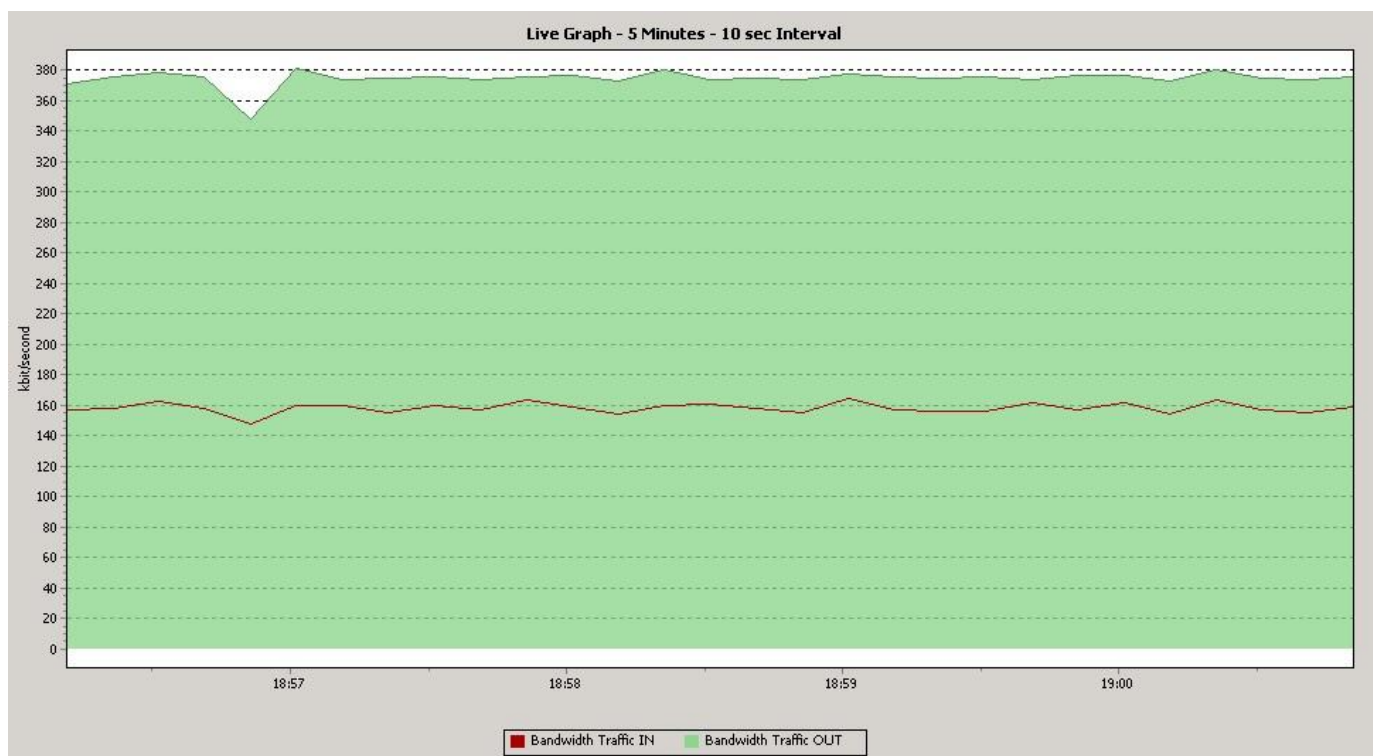|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Ed Carlos do Santos Carvalho
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Elizabeth Cristina de R. Ferreira Brandão

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OUTO-4044	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    13.333000      11.588250  DVB-S2 2         Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588131 GHz
Symbol Rate         : 13.333096 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.2 dB
Input Power         : -32 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -18 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     : -17.2 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : -179 us (260765 us)
Frequency correction: -130 Hz


IP DVB 10.148.2.42/32


Pinging 10.147.40.1 with 32 bytes of data:

Reply from 10.147.40.1: bytes=32 time=590ms TTL=62
Reply from 10.147.40.1: bytes=32 time=598ms TTL=62
Reply from 10.147.40.1: bytes=32 time=625ms TTL=62
Reply from 10.147.40.1: bytes=32 time=547ms TTL=62
Reply from 10.147.40.1: bytes=32 time=559ms TTL=62
Reply from 10.147.40.1: bytes=32 time=578ms TTL=62
Reply from 10.147.40.1: bytes=32 time=589ms TTL=62
Reply from 10.147.40.1: bytes=32 time=609ms TTL=62
Reply from 10.147.40.1: bytes=32 time=611ms TTL=62
Reply from 10.147.40.1: bytes=32 time=540ms TTL=62

Ping statistics for 10.147.40.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 540ms, Maximum = 625ms, Average = 584ms
```