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

| | |
|---|---|
| **NOC/Operadora:** Bruno Resston Moreira | **Operadora/Cliente:** André da Silva Brás |
| **GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Claudia Mara |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-BANA-3632 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN  ■ Bandwidth Traffic OUT
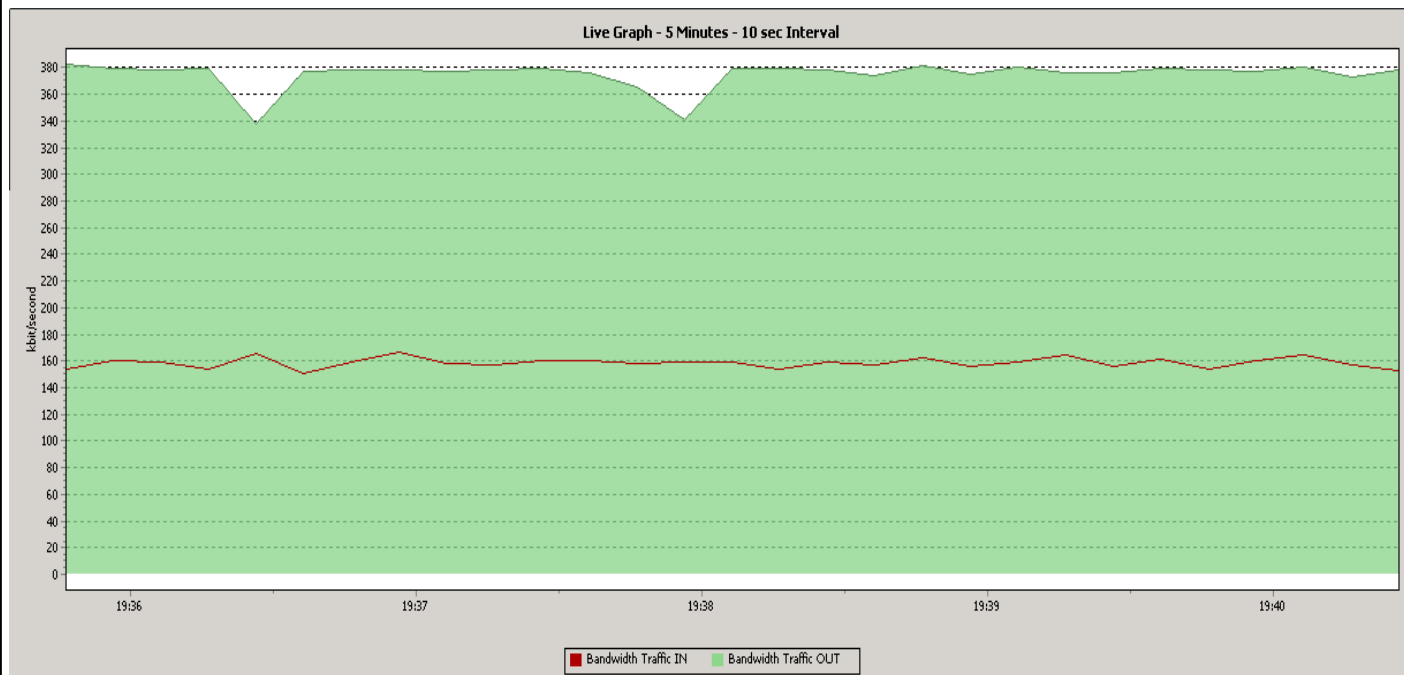
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId   Enable
* 0   0    13.333000       11.588250  DVB-S2 2         Yes
  1   1     0.000000        0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588617 GHz
Symbol Rate         : 13.333003 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                 : 12.8 dB
Input Power         : -33 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     : -19.4 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : 29 us (261063 us)
Frequency correction: -150 Hz

IP DVB: 10.148.1.93/32

Pinging 10.145.223.1 with 32 bytes of data:

Reply from 10.145.223.1: bytes=32 time=606ms TTL=62
Reply from 10.145.223.1: bytes=32 time=585ms TTL=62
Reply from 10.145.223.1: bytes=32 time=541ms TTL=62
Reply from 10.145.223.1: bytes=32 time=561ms TTL=62
Reply from 10.145.223.1: bytes=32 time=539ms TTL=62
Reply from 10.145.223.1: bytes=32 time=591ms TTL=62
Reply from 10.145.223.1: bytes=32 time=602ms TTL=62
Reply from 10.145.223.1: bytes=32 time=558ms TTL=62
Reply from 10.145.223.1: bytes=32 time=545ms TTL=62
Reply from 10.145.223.1: bytes=32 time=555ms TTL=62

Ping statistics for 10.145.223.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 606ms, Average = 568ms
```