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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Cid Santos

GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Ariele Oliveira Boaventura

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SOIA-0797	384/153	VSAT
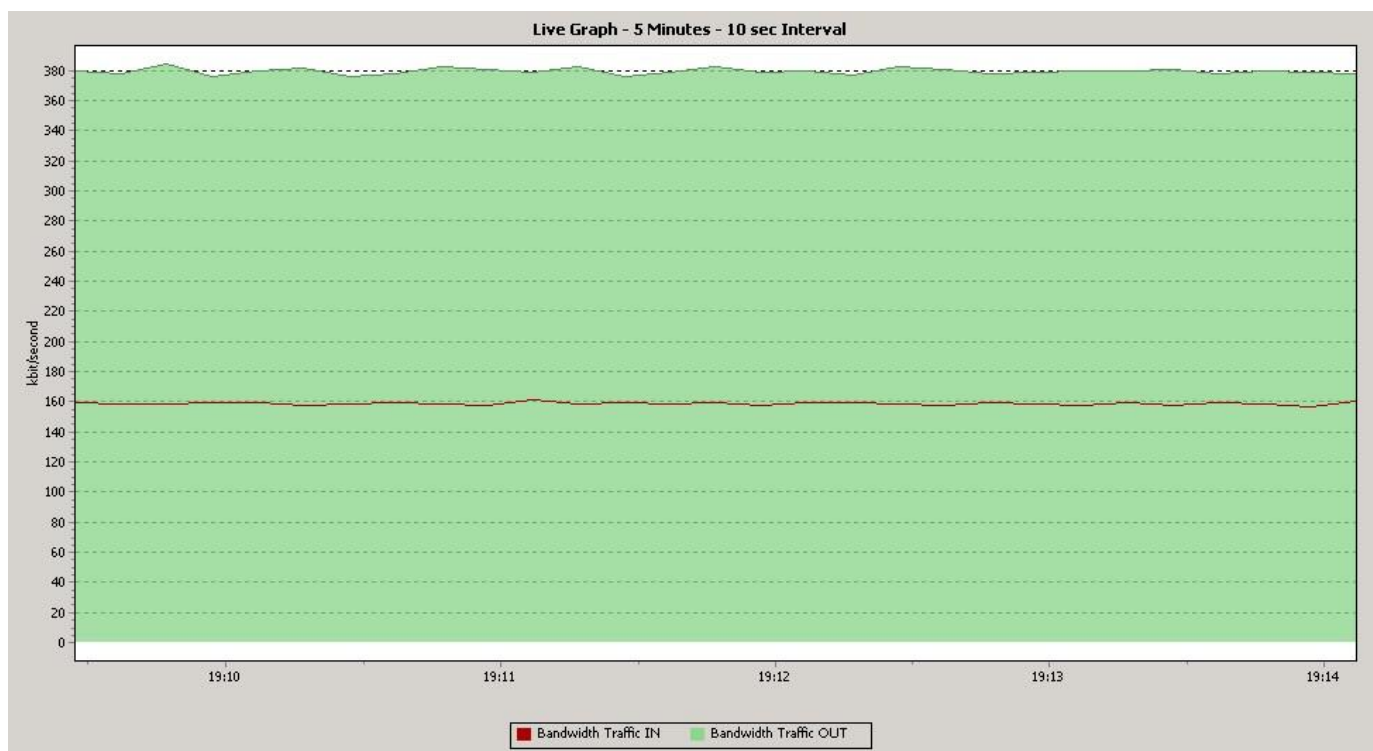

```
#
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max MODCOD            : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog           : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId    Enable
* 0   1    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             : 11.588444 GHz
Symbol Rate           : 13.332789 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                   : 12.1 dB
Input Power           : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 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    : -23.2 dBm
ODU Output Power    : 31.0 dBm
EIRP                : 44.3 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 6 us (259884 us)
Frequency correction: -80 Hz
#

IP DVB 10.148.1.107/32

Pinging 10.144.113.1 with 32 bytes of data:

Reply from 10.144.113.1: bytes=32 time=564ms TTL=62
Reply from 10.144.113.1: bytes=32 time=584ms TTL=62
Reply from 10.144.113.1: bytes=32 time=591ms TTL=62
Reply from 10.144.113.1: bytes=32 time=616ms TTL=62
Reply from 10.144.113.1: bytes=32 time=539ms TTL=62
Reply from 10.144.113.1: bytes=32 time=544ms TTL=62
Reply from 10.144.113.1: bytes=32 time=569ms TTL=62
Reply from 10.144.113.1: bytes=32 time=581ms TTL=62
Reply from 10.144.113.1: bytes=32 time=600ms TTL=62
Reply from 10.144.113.1: bytes=32 time=578ms TTL=62

Ping statistics for 10.144.113.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 616ms, Average = 576ms
```