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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Paulo Henrique dos Santos
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Cristiane Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAIA-4631	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
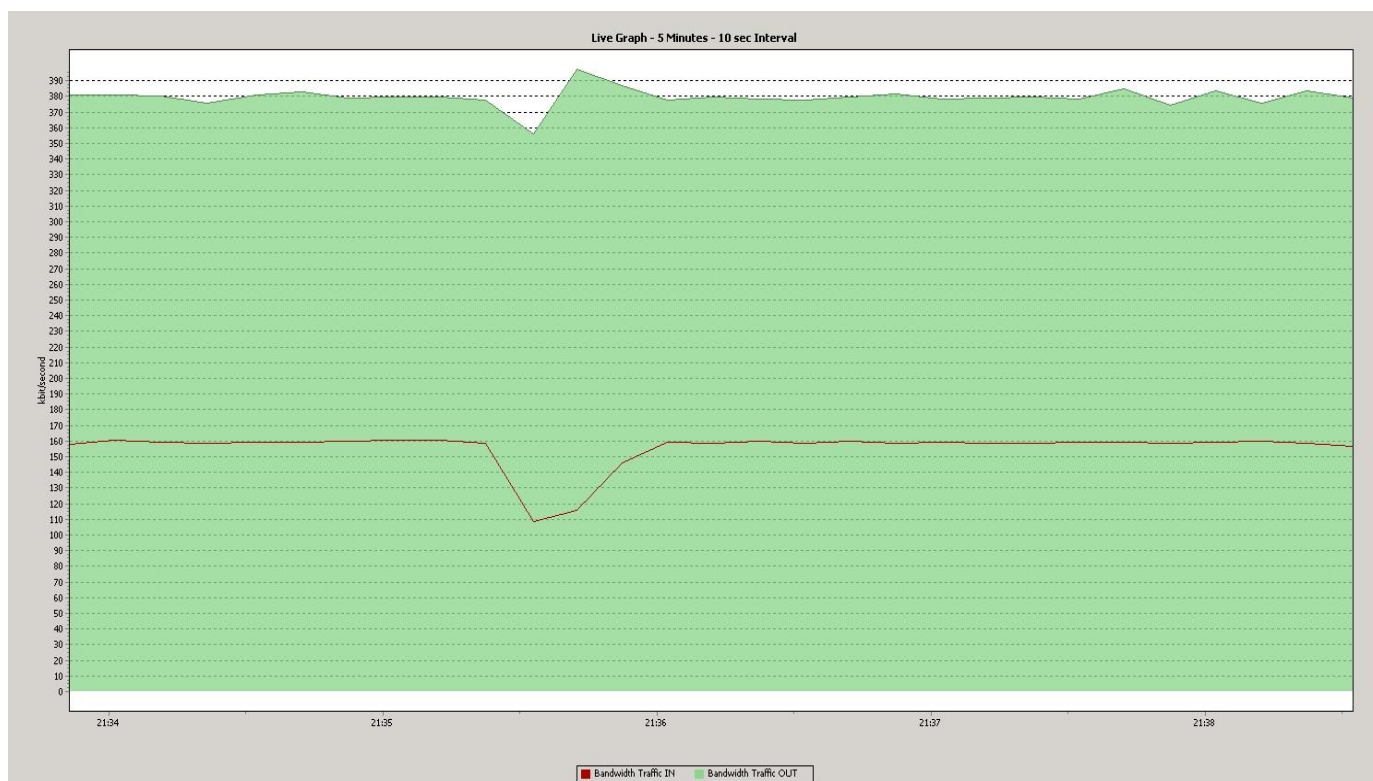
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId   Enable
* 0   0    45.000000     11.606250  DVB-S2 2         Yes
  1   1     0.000000      0.000000  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606883 GHz
Symbol Rate         : 44.999931 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         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 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     : -22.8 dBm
ODU Output Power     : 28.9 dBm
EIRP                 : 42.2 dBW
Es/No                : 7.0 dB
Header Compression   :  DSM-CC
Timing correction    : 184 us (254624 us)
Frequency correction : 210 Hz


IP DVB: 10.148.0.215/32


 C:\>ping -n 10 10.173.67.1

 Pinging 10.173.67.1 with 32 bytes of data:

 Reply from 10.173.67.1: bytes=32 time=676ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=594ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=649ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=583ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=536ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=666ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=581ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=695ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=585ms TTL=62
 Reply from 10.173.67.1: bytes=32 time=698ms TTL=62

 Ping statistics for 10.173.67.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 536ms, Maximum = 698ms, Average = 626ms
```