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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Ed Jose
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** João Luiz

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-TRES-5120	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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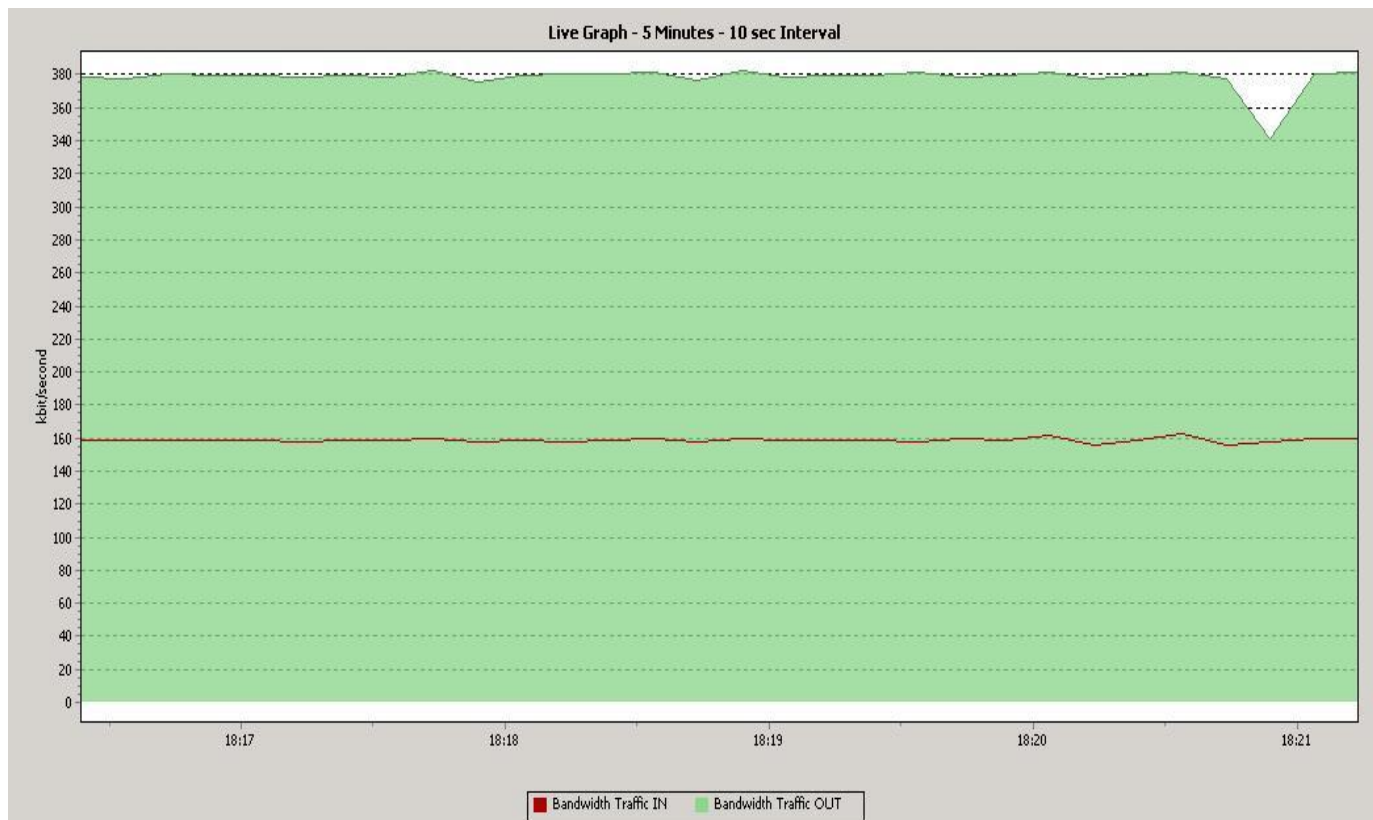
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000       11.606250  DVB-S2 3        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606261 GHz
Symbol Rate         : 44.999777 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                 : 9.8 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     : -17.8 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.4 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 257 us (253094 us)
Frequency correction: 10 Hz


IP DVB: 10.148.5.84 /32


 Pinging 10.173.219.1 with 32 bytes of data:

 Reply from 10.173.219.1: bytes=32 time=556ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=605ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=557ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=575ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=555ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=607ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=529ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=573ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=561ms TTL=62
 Reply from 10.173.219.1: bytes=32 time=572ms TTL=62

 Ping statistics for 10.173.219.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 529ms, Maximum = 607ms, Average = 569ms
```