	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Airton Gabriel do Nascimento Moro
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Juliana Alves de Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BEIM-3789	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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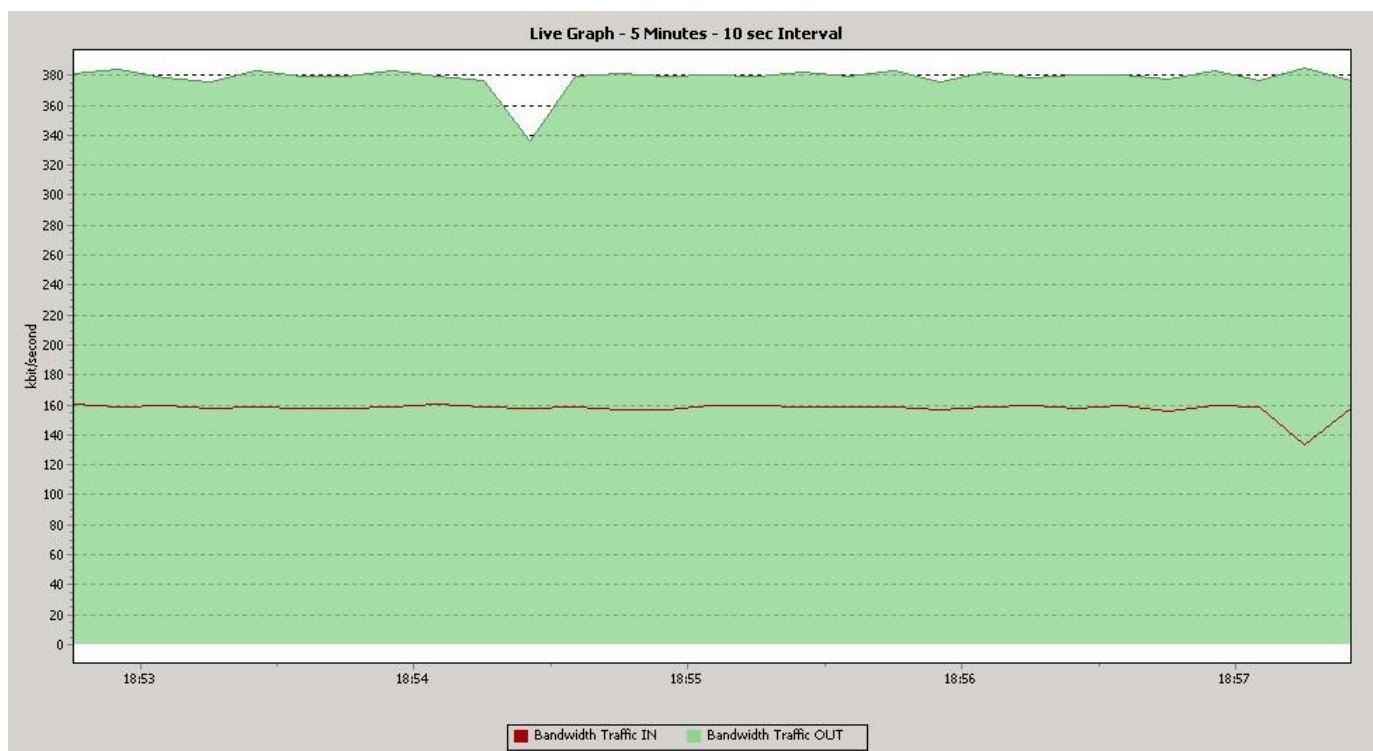
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId     Enable
* 0   0    13.333000      11.588250  DVB-S2 2           Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.588549 GHz
Symbol Rate          : 13.332976 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                  : 13.2 dB
Input Power          : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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    : -13.9 dBm
ODU Output Power    : 32.6 dBm
EIRP                : 45.9 dBW
Es/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : 29 us (260900 us)
Frequency correction: -60 Hz
#

IP DVB 10.148.1.184/32


Pinging 10.146.110.1 with 32 bytes of data:

Reply from 10.146.110.1: bytes=32 time=544ms TTL=62
Reply from 10.146.110.1: bytes=32 time=555ms TTL=62
Reply from 10.146.110.1: bytes=32 time=576ms TTL=62
Reply from 10.146.110.1: bytes=32 time=586ms TTL=62
Reply from 10.146.110.1: bytes=32 time=607ms TTL=62
Reply from 10.146.110.1: bytes=32 time=530ms TTL=62
Reply from 10.146.110.1: bytes=32 time=540ms TTL=62
Reply from 10.146.110.1: bytes=32 time=561ms TTL=62
Reply from 10.146.110.1: bytes=32 time=572ms TTL=62
Reply from 10.146.110.1: bytes=32 time=592ms TTL=62

Ping statistics for 10.146.110.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 607ms, Average = 566ms
```