	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Francisco Rodrigues de Souza Junior
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Andressa Carla Luiz Moraes

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MANA-3881	384/153	VSAT

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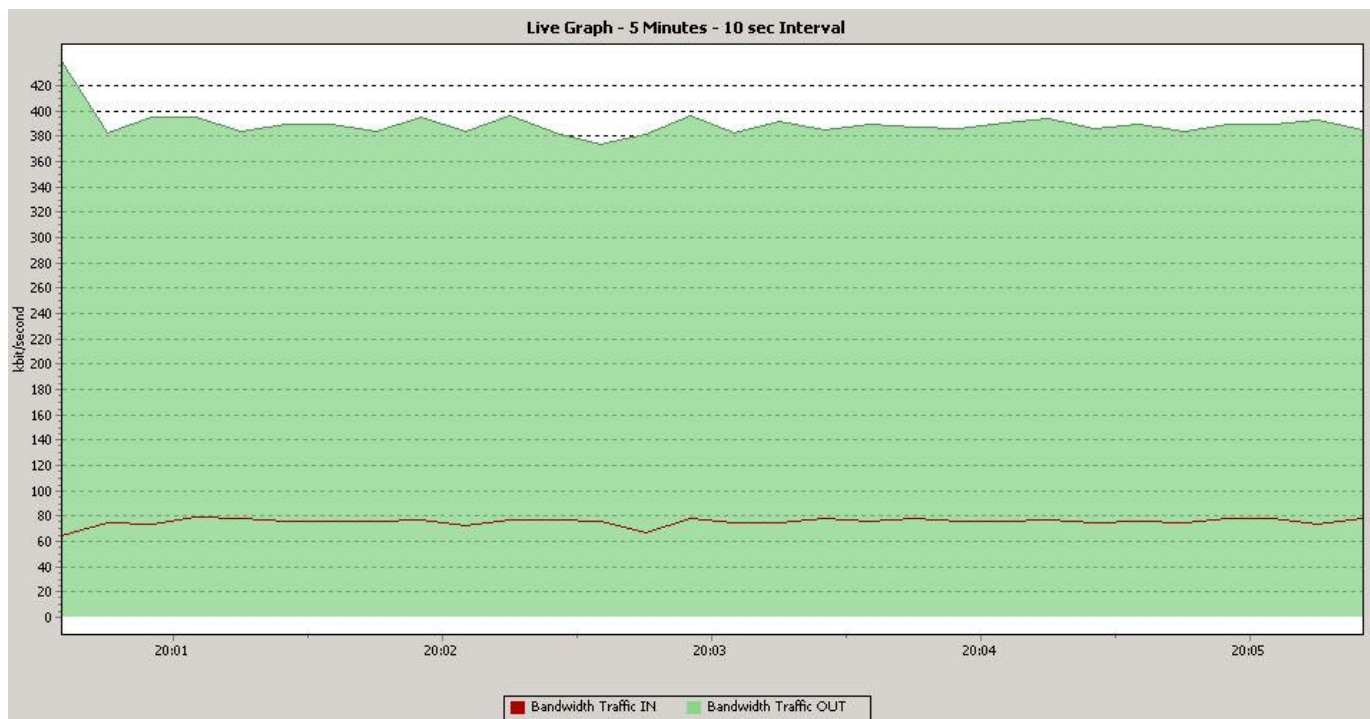
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max MODCOD            : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency          : On
RX watchdog          : 15 minute

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  0          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.588404 GHz
Symbol Rate          : 13.332917 Msps
S2 ModCod
      - receiving    : 4    QPSK-1/2
      - current max  : 14   8PSK-3/4
Pilot                : On
Frame length         : Short frame
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 11.7 dB
Input Power          : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Disabled
IDU output power     : -11 dBm
IDU max output power: 0.0 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     : -11.3 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : 62 us (259345 us)
Frequency correction: -80 Hz

IP DVB 10.148.2.40/32

Pinging 10.146.140.1 with 32 bytes of data:

Reply from 10.146.140.1: bytes=32 time=571ms TTL=62
Reply from 10.146.140.1: bytes=32 time=583ms TTL=62
Reply from 10.146.140.1: bytes=32 time=603ms TTL=62
Reply from 10.146.140.1: bytes=32 time=614ms TTL=62
Reply from 10.146.140.1: bytes=32 time=537ms TTL=62
Reply from 10.146.140.1: bytes=32 time=613ms TTL=62
Reply from 10.146.140.1: bytes=32 time=568ms TTL=62
Reply from 10.146.140.1: bytes=32 time=588ms TTL=62
Reply from 10.146.140.1: bytes=32 time=627ms TTL=62
Reply from 10.146.140.1: bytes=32 time=619ms TTL=62

Ping statistics for 10.146.140.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 537ms, Maximum = 627ms, Average = 592ms
```