	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Marcos Aurélio de Moura
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Nilza Lúcia dos Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SADE-4628	384/153	VSAT

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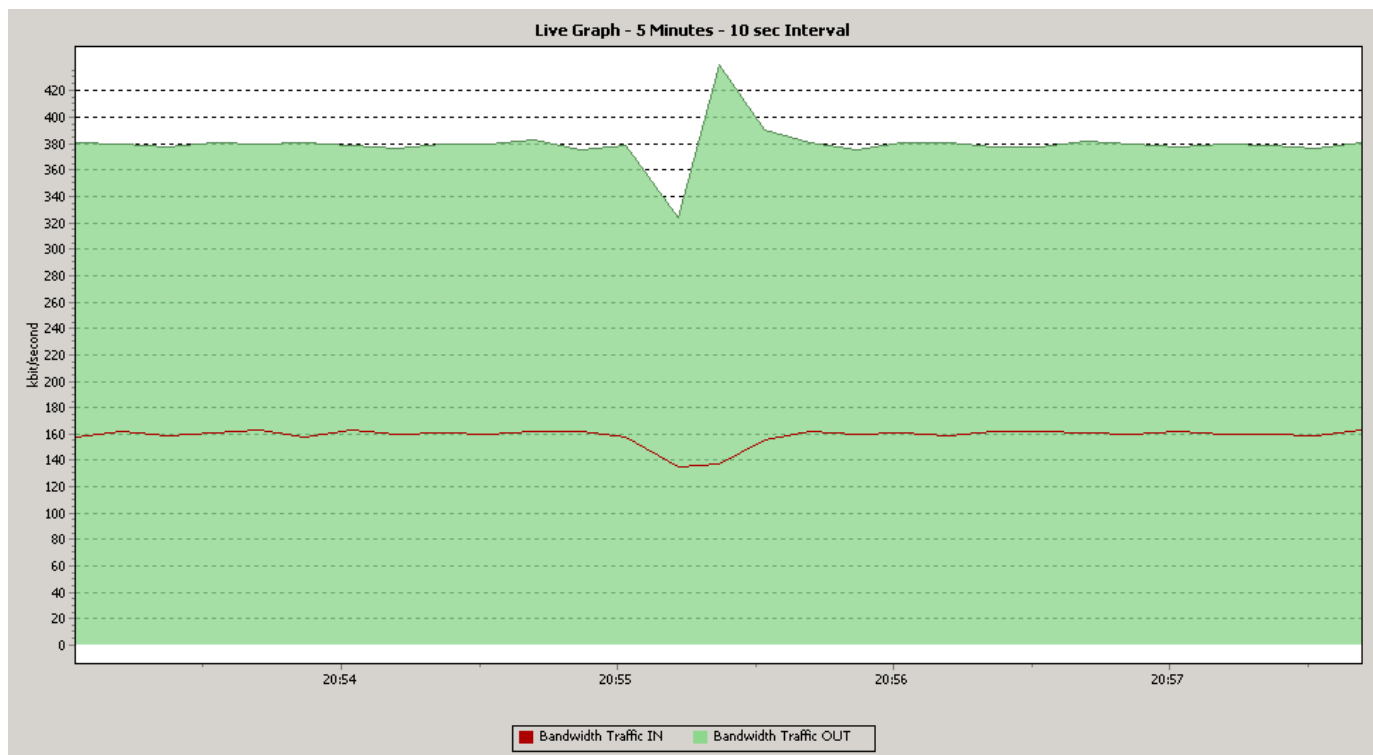
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606158 GHz
Symbol Rate         : 45.000286 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                 : 9.9 dB
Input Power         : -25 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 30.7 dBm
EIRP                 : 44.0 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     : 30.5 dBm
EIRP                 : 43.8 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : 184 us (252522 us)
Frequency correction: 120 Hz

IP DVB 10.148.5.182/32

Pinging 10.173.64.1 with 32 bytes of data:

Reply from 10.173.64.1: bytes=32 time=592ms TTL=62
Reply from 10.173.64.1: bytes=32 time=594ms TTL=62
Reply from 10.173.64.1: bytes=32 time=541ms TTL=62
Reply from 10.173.64.1: bytes=32 time=609ms TTL=62
Reply from 10.173.64.1: bytes=32 time=524ms TTL=62
Reply from 10.173.64.1: bytes=32 time=537ms TTL=62
Reply from 10.173.64.1: bytes=32 time=538ms TTL=62
Reply from 10.173.64.1: bytes=32 time=550ms TTL=62
Reply from 10.173.64.1: bytes=32 time=552ms TTL=62
Reply from 10.173.64.1: bytes=32 time=565ms TTL=62

Ping statistics for 10.173.64.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 524ms, Maximum = 609ms, Average = 560ms
```