	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Ed José da Silva
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Adriana Cristina Ribeiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SATA-5081	384/153	VSAT

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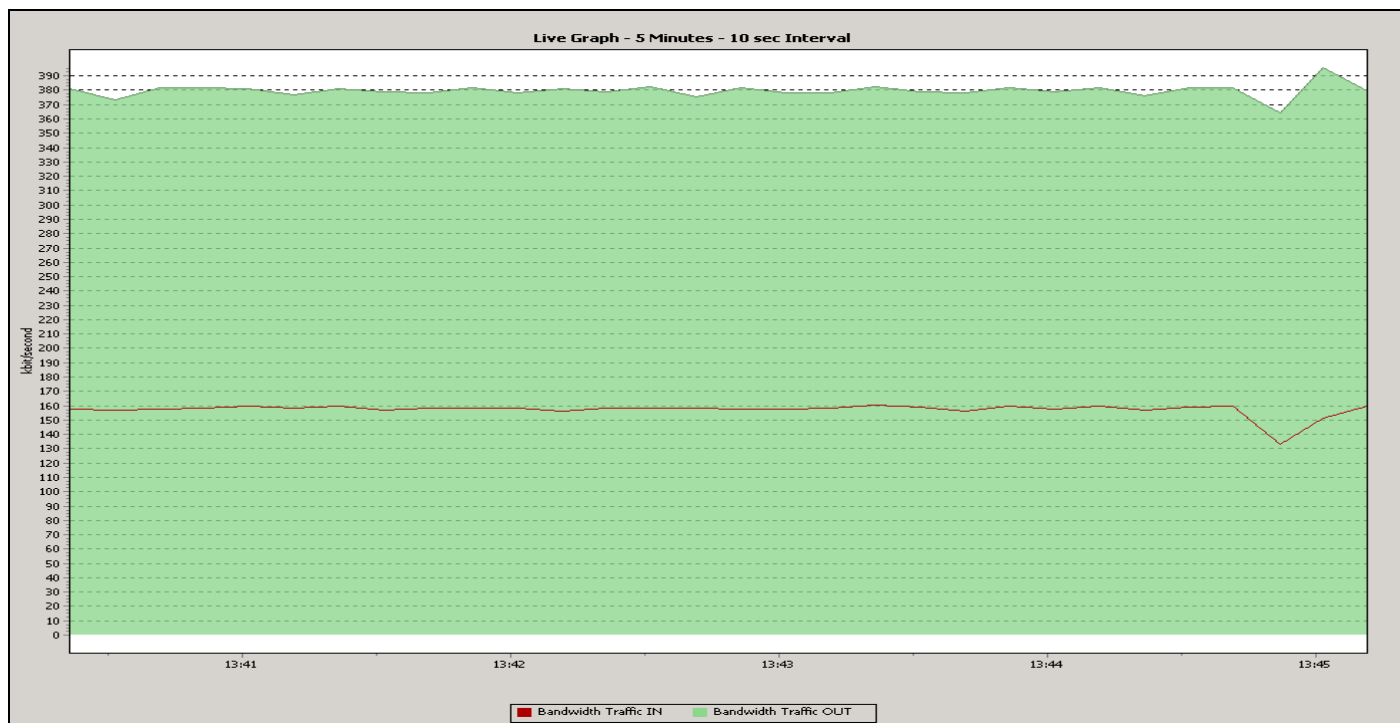
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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


Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606373 GHz
Symbol Rate        : 45.000333 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                : 10.2 dB
Input Power        : -27 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     : -18.8 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 144 us (251691 us)
Frequency correction: 0 Hz


IP DVB: 10.148.5.159 /32


Pinging 10.173.180.1 with 32 bytes of data:

Reply from 10.173.180.1: bytes=32 time=528ms TTL=62
Reply from 10.173.180.1: bytes=32 time=540ms TTL=62
Reply from 10.173.180.1: bytes=32 time=572ms TTL=62
Reply from 10.173.180.1: bytes=32 time=554ms TTL=62
Reply from 10.173.180.1: bytes=32 time=556ms TTL=62
Reply from 10.173.180.1: bytes=32 time=569ms TTL=62
Reply from 10.173.180.1: bytes=32 time=572ms TTL=62
Reply from 10.173.180.1: bytes=32 time=584ms TTL=62
Reply from 10.173.180.1: bytes=32 time=586ms TTL=62
Reply from 10.173.180.1: bytes=32 time=599ms TTL=62

Ping statistics for 10.173.180.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 599ms, Average = 566ms
```