	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** Flavio Carvalho
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Cristiano Abreu

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ROAS-4626	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT
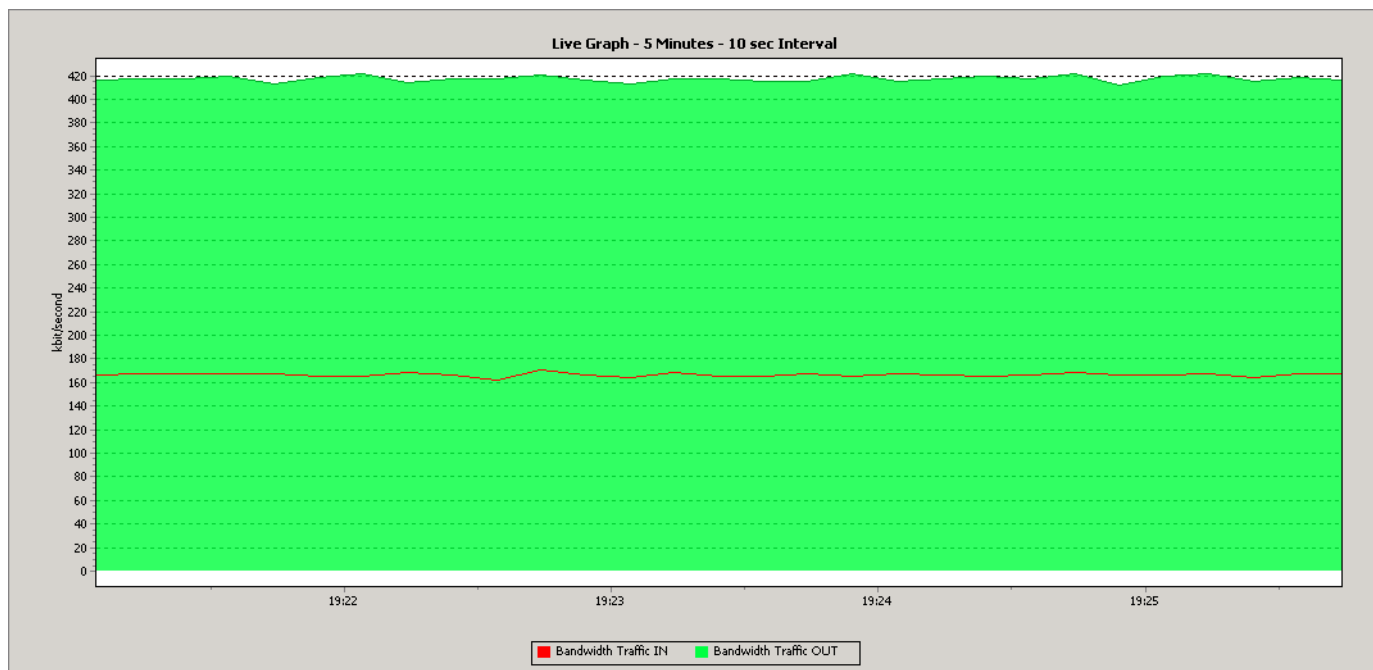
```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -10 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -18.1 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 121 us (252164 us)
Frequency correction: -80 Hz
```

```
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
  1  1     0.000000       0.000000  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606300 GHz
Symbol Rate         : 45.000005 Msps
S2 ModCod
       - receiving  : 4   QPSK-1/2
       - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 11.4 dB
Input Power         : -27 dBm

IP DVB 10.148.6.181/32

Pinging 10.173.62.1 with 32 bytes of data:

Reply from 10.173.62.1: bytes=32 time=612ms TTL=62
Reply from 10.173.62.1: bytes=32 time=528ms TTL=62
Reply from 10.173.62.1: bytes=32 time=627ms TTL=62
Reply from 10.173.62.1: bytes=32 time=543ms TTL=62
Reply from 10.173.62.1: bytes=32 time=545ms TTL=62
Reply from 10.173.62.1: bytes=32 time=558ms TTL=62
Reply from 10.173.62.1: bytes=32 time=565ms TTL=62
Reply from 10.173.62.1: bytes=32 time=577ms TTL=62
Reply from 10.173.62.1: bytes=32 time=574ms TTL=62
Reply from 10.173.62.1: bytes=32 time=586ms TTL=62

Ping statistics for 10.173.62.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 627ms, Average = 571ms
```