	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:** Andréia Aparecida dos Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JODE-3768	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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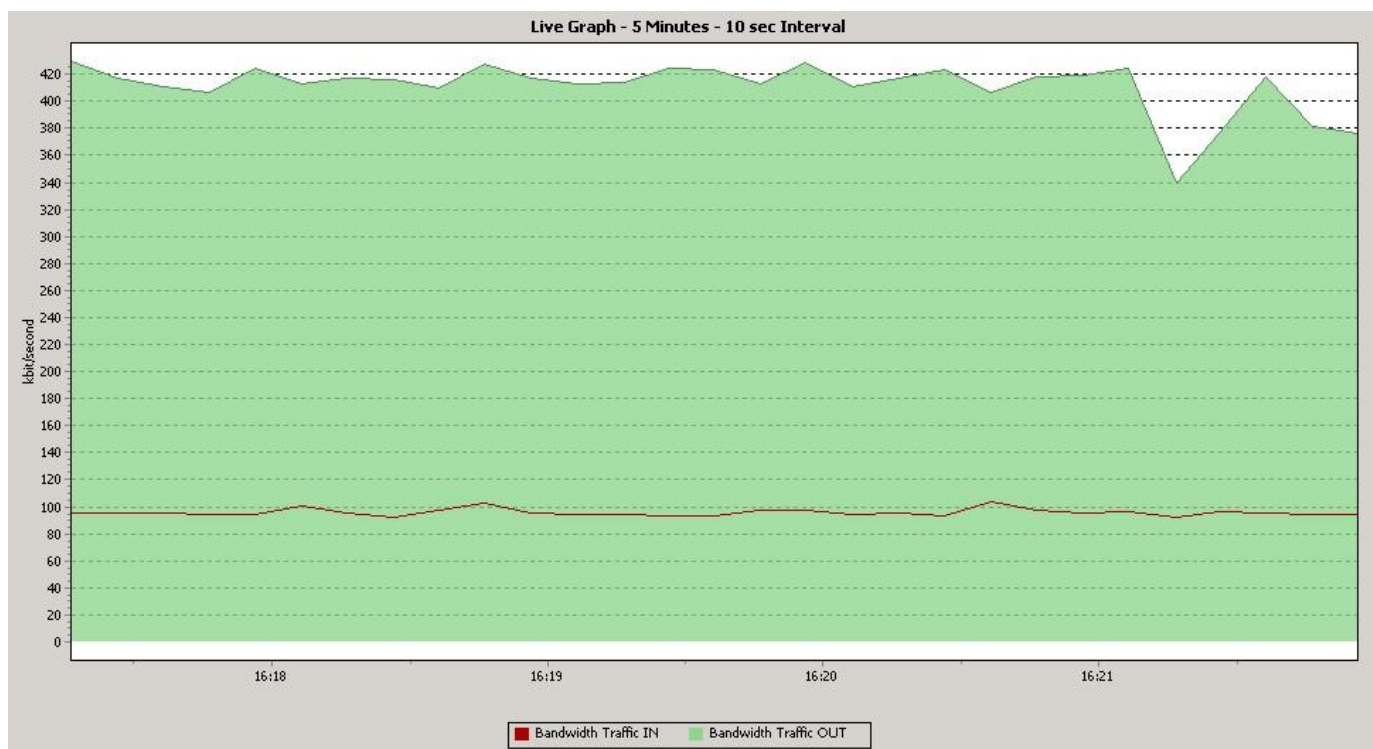
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

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            : 11.588523 GHz
Symbol Rate          : 13.332983 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                  : 13.7 dB
Input Power          : -26 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -11.9 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -129 us (260463 us)
Frequency correction: -80 Hz


IP DVB 10.148.1.94/32


Pinging 10.146.87.1 with 32 bytes of data:

Reply from 10.146.87.1: bytes=32 time=576ms TTL=62
Reply from 10.146.87.1: bytes=32 time=587ms TTL=62
Reply from 10.146.87.1: bytes=32 time=607ms TTL=62
Reply from 10.146.87.1: bytes=32 time=530ms TTL=62
Reply from 10.146.87.1: bytes=32 time=536ms TTL=62
Reply from 10.146.87.1: bytes=32 time=560ms TTL=62
Reply from 10.146.87.1: bytes=32 time=566ms TTL=62
Reply from 10.146.87.1: bytes=32 time=591ms TTL=62
Reply from 10.146.87.1: bytes=32 time=602ms TTL=62
Reply from 10.146.87.1: bytes=32 time=622ms TTL=62

Ping statistics for 10.146.87.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 622ms, Average = 577ms
```