prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Fábio Fernandes
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Marcilene de Fatima Pereira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SADE-6233	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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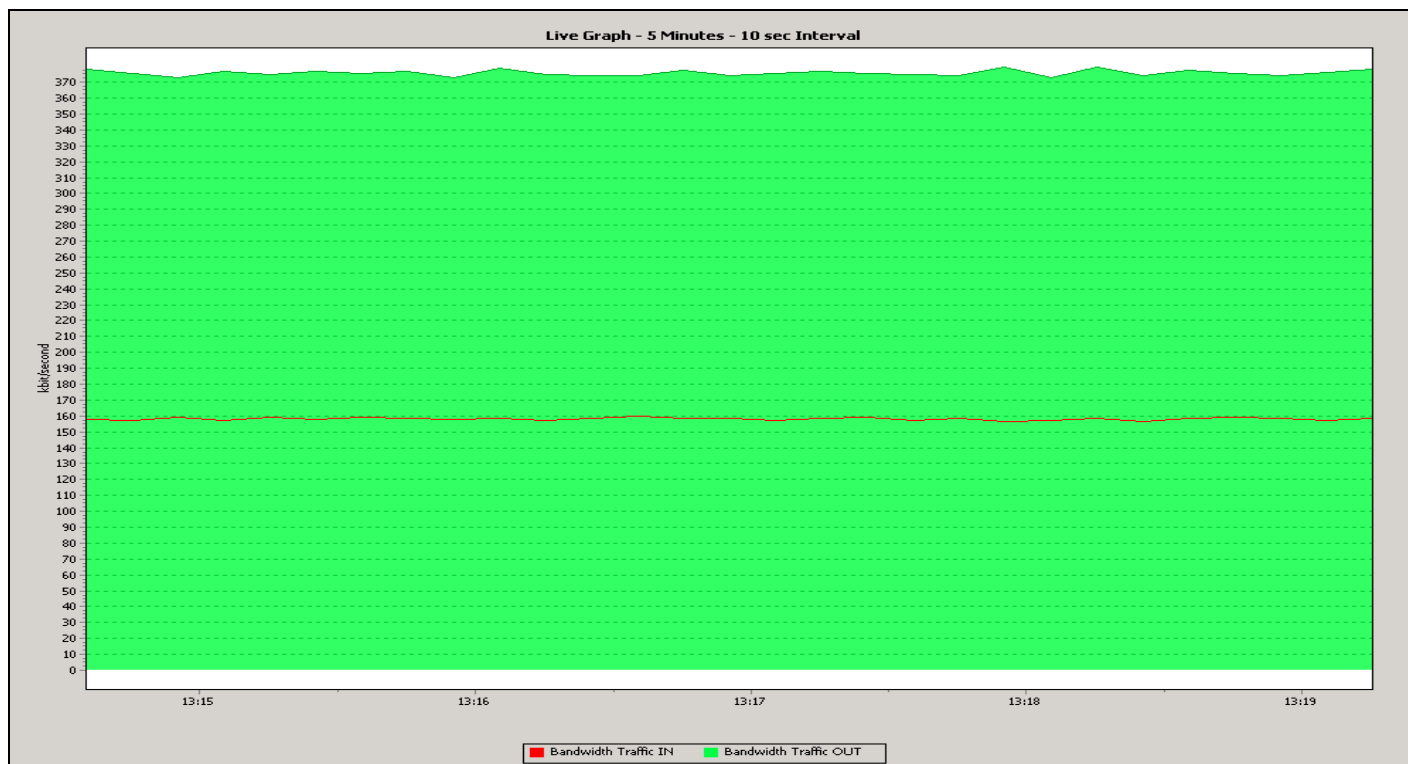
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0  0    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          : 11.606182 GHz
Symbol Rate        : 44.999985 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           : 0.20
SNR                : 12.7 dB
Input Power        : -22 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -17.8 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : 27 us (252987 us)
Frequency correction: -460 Hz


IP DVB: 10.148.6.205/32


Pinging 10.176.1.1 with 32 bytes of data:

Reply from 10.176.1.1: bytes=32 time=521ms TTL=62
Reply from 10.176.1.1: bytes=32 time=619ms TTL=62
Reply from 10.176.1.1: bytes=32 time=568ms TTL=62
Reply from 10.176.1.1: bytes=32 time=546ms TTL=62
Reply from 10.176.1.1: bytes=32 time=548ms TTL=62
Reply from 10.176.1.1: bytes=32 time=561ms TTL=62
Reply from 10.176.1.1: bytes=32 time=563ms TTL=62
Reply from 10.176.1.1: bytes=32 time=575ms TTL=62
Reply from 10.176.1.1: bytes=32 time=577ms TTL=62
Reply from 10.176.1.1: bytes=32 time=589ms TTL=62

Ping statistics for 10.176.1.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 521ms, Maximum = 619ms, Average = 566ms
```