	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 26/01/2012

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Antonio Gonçalves

GRE/Prodemge: Marlú Santos	**Responsável/cliente:** Ana Tereza Moreira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-COAL-0680	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Click right for more options

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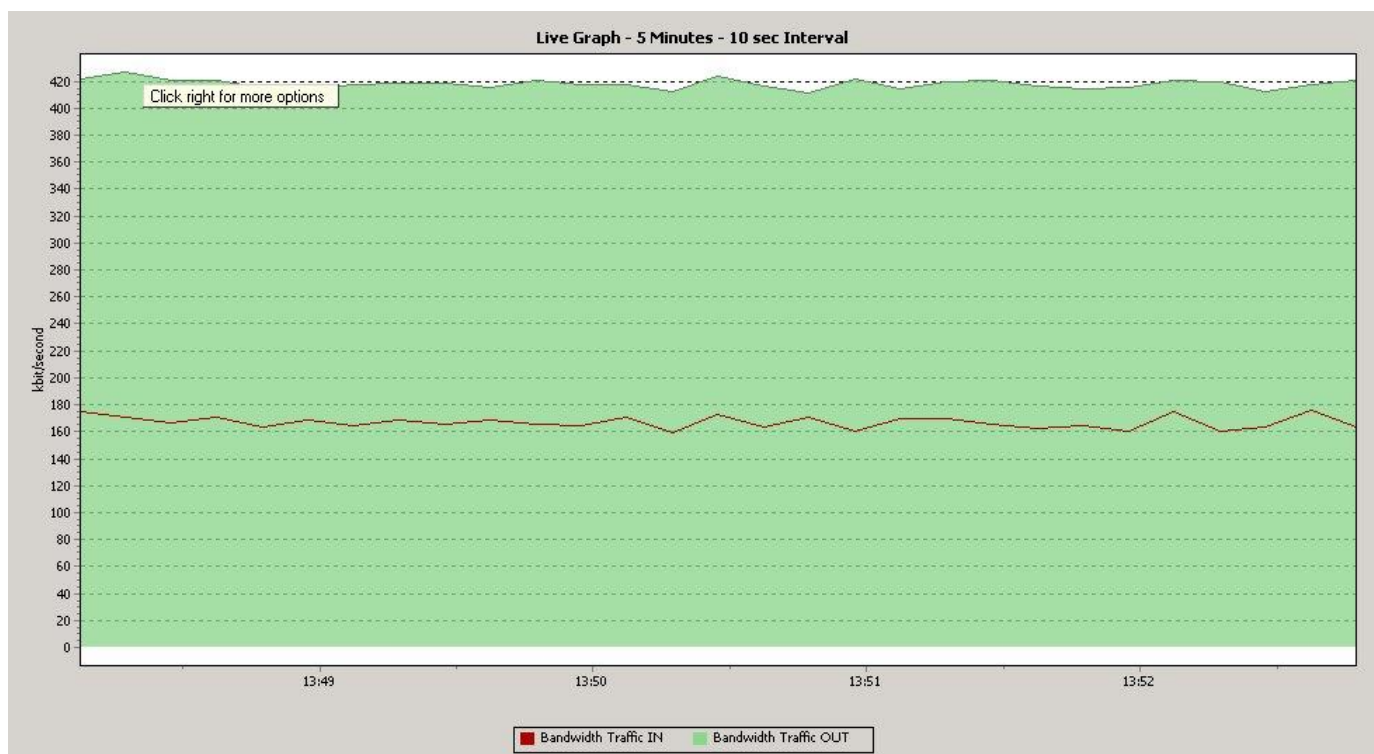
```
#
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max MODCOD            : 15    8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog           : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId     Enable
* 0   0    7.120000       11.583700  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             : 11.583980 GHz
Symbol Rate           : 7.120015 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                   : 15.3 dB
Input Power           : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -19.9 dBm
ODU Output Power     : 31.9 dBm
EIRP                 : 45.2 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -313 us (273014 us)
Frequency correction: -30 Hz


IP DVB 10.148.0.24/32


Pinging 10.144.35.1 with 32 bytes of data:

Reply from 10.144.35.1: bytes=32 time=565ms TTL=62
Reply from 10.144.35.1: bytes=32 time=592ms TTL=62
Reply from 10.144.35.1: bytes=32 time=720ms TTL=62
Reply from 10.144.35.1: bytes=32 time=656ms TTL=62
Reply from 10.144.35.1: bytes=32 time=571ms TTL=62
Reply from 10.144.35.1: bytes=32 time=577ms TTL=62
Reply from 10.144.35.1: bytes=32 time=586ms TTL=62
Reply from 10.144.35.1: bytes=32 time=544ms TTL=62
Reply from 10.144.35.1: bytes=32 time=609ms TTL=62
Reply from 10.144.35.1: bytes=32 time=604ms TTL=62

Ping statistics for 10.144.35.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 720ms, Average = 602ms
```