![prodemge]	# TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Fabrício Campolina
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Andiara Luiza Xavier Freitas

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PIRA-3470	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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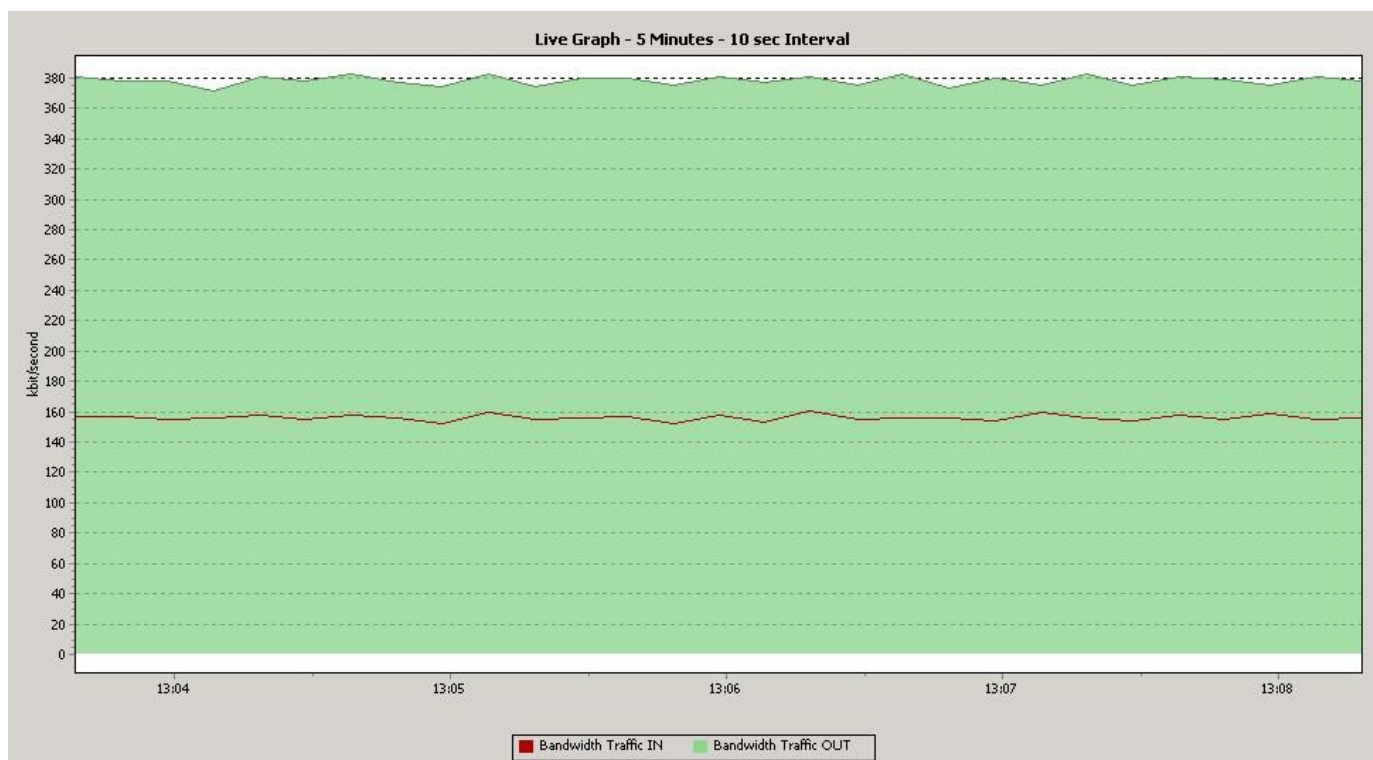
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588432 GHz
Symbol Rate         : 13.334088 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                 : 14.0 dB
Input Power         : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -27 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 55.2 dBm
EIRP                : 68.5 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    : -18.8 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 46.2 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : -256 us (260624 us)
Frequency correction: -240 Hz
#


IP DVB 10.148.0.234/32


Pinging 10.145.115.1 with 32 bytes of data:

Reply from 10.145.115.1: bytes=32 time=592ms TTL=62
Reply from 10.145.115.1: bytes=32 time=612ms TTL=62
Reply from 10.145.115.1: bytes=32 time=616ms TTL=62
Reply from 10.145.115.1: bytes=32 time=542ms TTL=62
Reply from 10.145.115.1: bytes=32 time=562ms TTL=62
Reply from 10.145.115.1: bytes=32 time=569ms TTL=62
Reply from 10.145.115.1: bytes=32 time=594ms TTL=62
Reply from 10.145.115.1: bytes=32 time=606ms TTL=62
Reply from 10.145.115.1: bytes=32 time=625ms TTL=62
Reply from 10.145.115.1: bytes=32 time=549ms TTL=62

Ping statistics for 10.145.115.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 625ms, Average = 586ms
```