![prodemge]	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Mario Lucio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Darciane Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-NOAS-5047	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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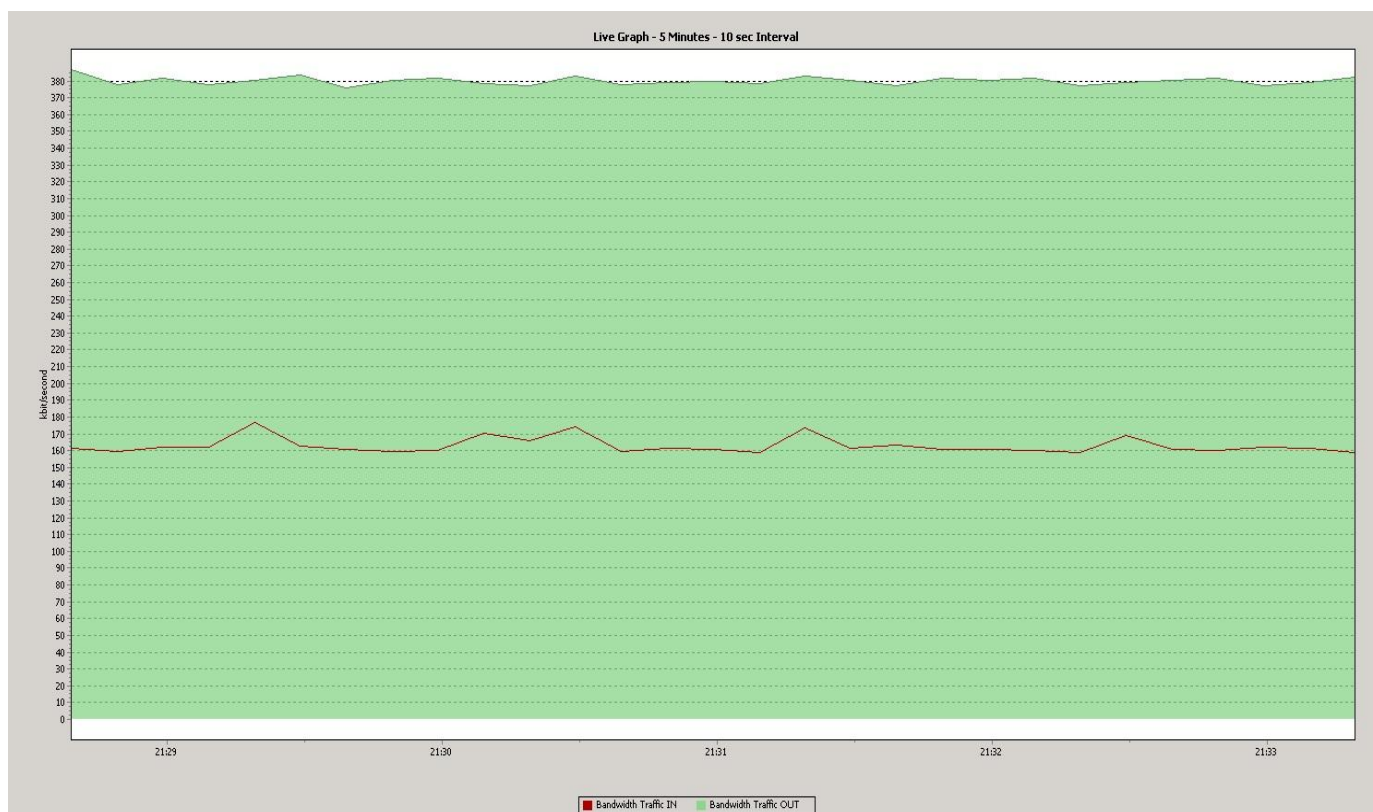
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

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            : 11.606156 GHz
Symbol Rate          : 44.999899 Msps
S2 ModCod
     - receiving  : 4   QPSK-1/2
     - current max : 10   QPSK-8/9
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.20
SNR                  : 9.2 dB
Input Power          : -39 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -13 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     : -11.2 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : 110 us (250428 us)
Frequency correction: 120 Hz


IP DVB: 10.148.5.221/32


 Pinging 10.173.112.1 with 32 bytes of data:

 Reply from 10.173.112.1: bytes=32 time=553ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=658ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=574ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=672ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=588ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=681ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=603ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=525ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=610ms TTL=62
 Reply from 10.173.112.1: bytes=32 time=532ms TTL=62

 Ping statistics for 10.173.112.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 525ms, Maximum = 681ms, Average = 599ms
```