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

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Valéria Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5199	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
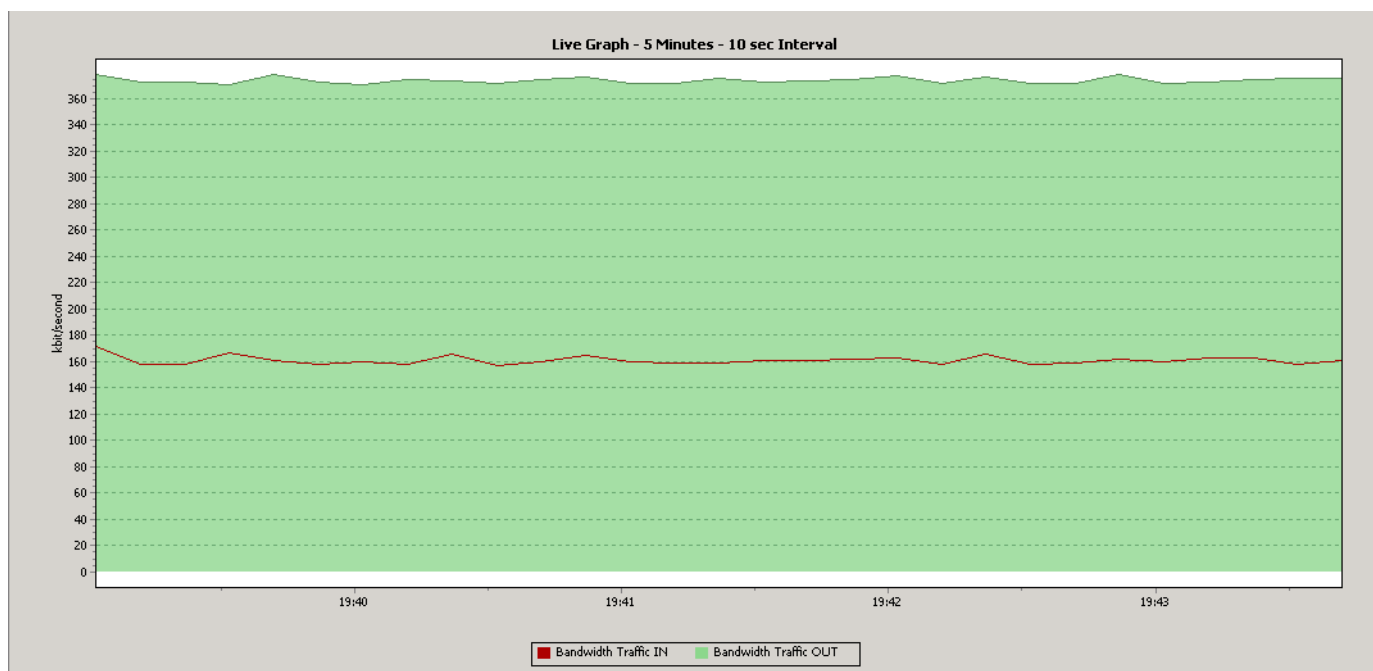
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.606222 GHz
Symbol Rate        : 45.000101 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                : 9.3 dB
Input Power        : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -16.8 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 222 us (252199 us)
Frequency correction: 60 Hz



IP DVB: 10.148.5.142/32



Pinging 10.174.9.1 with 32 bytes of data:

Reply from 10.174.9.1: bytes=32 time=558ms TTL=62
Reply from 10.174.9.1: bytes=32 time=564ms TTL=62
Reply from 10.174.9.1: bytes=32 time=573ms TTL=62
Reply from 10.174.9.1: bytes=32 time=578ms TTL=62
Reply from 10.174.9.1: bytes=32 time=586ms TTL=62
Reply from 10.174.9.1: bytes=32 time=558ms TTL=62
Reply from 10.174.9.1: bytes=32 time=601ms TTL=62
Reply from 10.174.9.1: bytes=32 time=603ms TTL=62
Reply from 10.174.9.1: bytes=32 time=553ms TTL=62
Reply from 10.174.9.1: bytes=32 time=531ms TTL=62

Ping statistics for 10.174.9.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 603ms, Average = 570ms
```