	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 28/12/2011

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Francisco Rodrigues

GRE/Prodemge: Douglas Alvares	**Responsável/cliente: Ana Paula Menezes**

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-JOIA-0722	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT
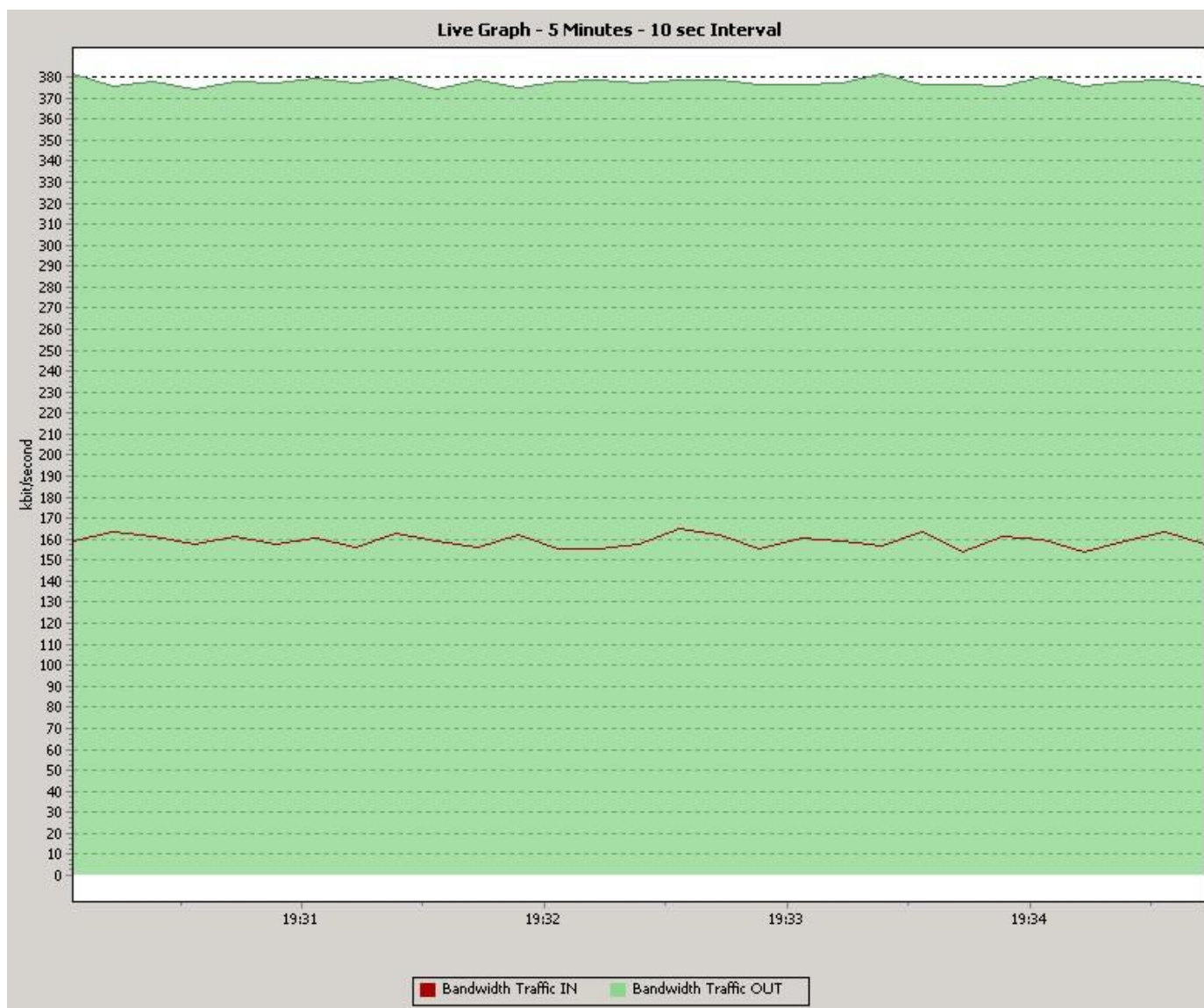
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency        : On
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId   Enable
* 0  0    7.120000        11.583700  DVB-S2 2       Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
```

```
Frequency             : 11.584269 GHz
Symbol Rate           : 7.120112 Msps
S2 ModCod
      - receiving     : 13   8PSK-2/3
      - current max   : 23   16APSK-9/10
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 15.0 dB
Input Power           : -32 dBm


 Satellite (DVB) TX Configuration
 -------------------------------
 Auto start           : Enabled
 IDU output power     : -19 dBm
 EIRP                 : 46.5 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     : -17.1 dBm
 ODU Output Power     : 33.4 dBm
 EIRP                 : 46.7 dBW
 Eb/No                : 15.0 dB
 Header Compression   :  DSM-CC
 Timing correction    : -298 us (270878 us)
 Frequency correction : 170 Hz


 IP DVB: 10.48.0.37/32


 Pinging 10.144.58.1 with 32 bytes of data:

 Reply from 10.144.58.1: bytes=32 time=683ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=602ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=710ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=638ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=557ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=665ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=592ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=700ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=619ms TTL=61
 Reply from 10.144.58.1: bytes=32 time=546ms TTL=61

 Ping statistics for 10.144.58.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 546ms, Maximum = 710ms, Average = 631ms
```