prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 10/01/2012	
NOC/Operadora: Bruno Resston Moreira		**Operadora/Cliente:** Fabricio Campolina	
GRE/Prodemge: Douglas Alvares		**Responsável/cliente:** Kelly Palione	
Consórcio STM/Vodanet	**VSAT-ID** SES-SAIA-0746	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph – 5 Minutes – 10 sec Interval

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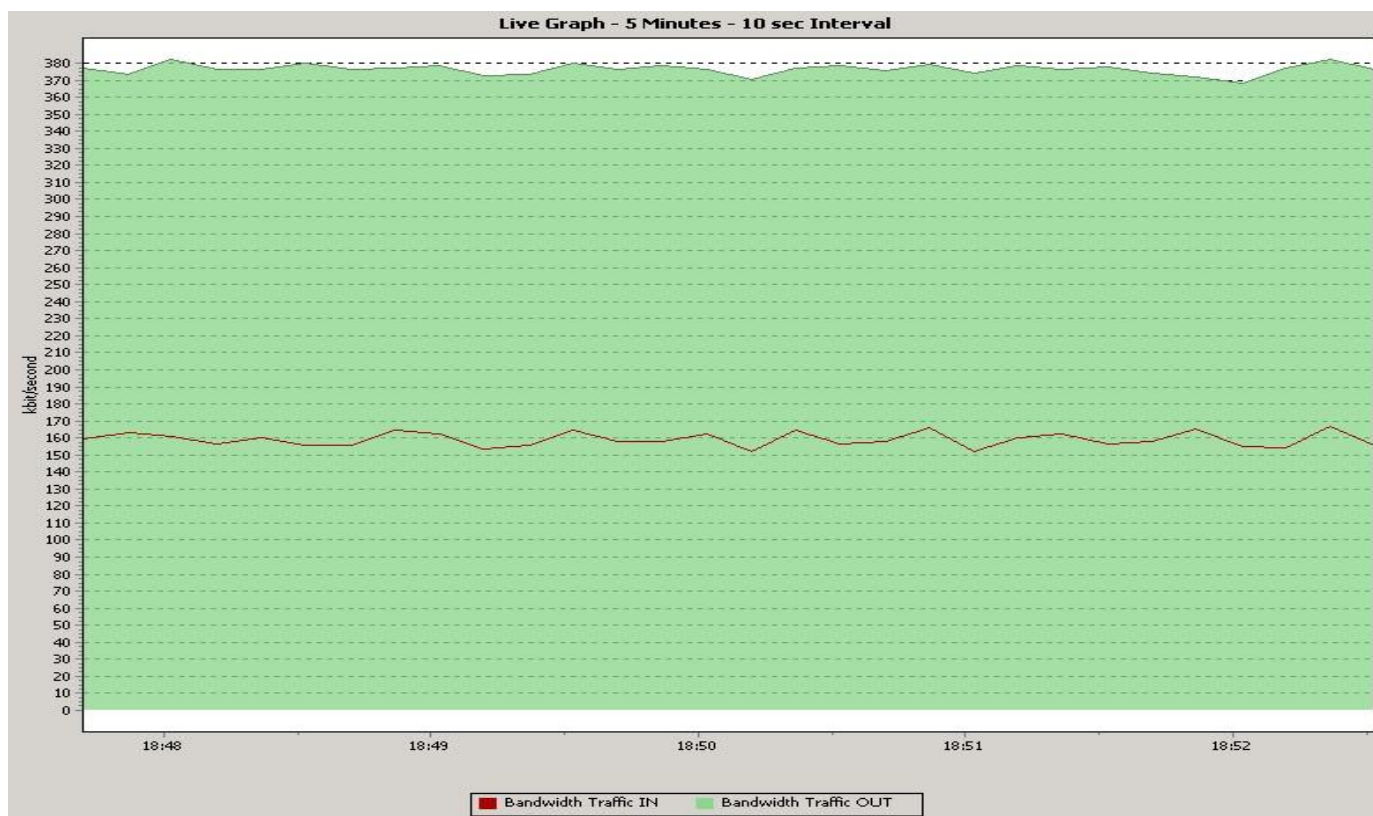
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.584214 GHz
Symbol Rate         : 7.119933 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                 : 14.5 dB
Input Power         : -32 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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     : -13.0 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -355 us (271496 us)
Frequency correction: 140 Hz

 IP DVB: 10.148.0.5/32

 Pinging 10.144.77.1 with 32 bytes of data:

 Reply from 10.144.77.1: bytes=32 time=616ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=627ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=648ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=571ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=581ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=601ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=579ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=632ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=556ms TTL=62
 Reply from 10.144.77.1: bytes=32 time=600ms TTL=62

 Ping statistics for 10.144.77.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 556ms, Maximum = 648ms, Average = 601ms
```