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

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 09/01/2012
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Marcos Aurélio Moura
GRE/Prodemge: Douglas Álvares		**Responsável/cliente:** Alan da Silva Carvalho

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-PAMA-0737	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
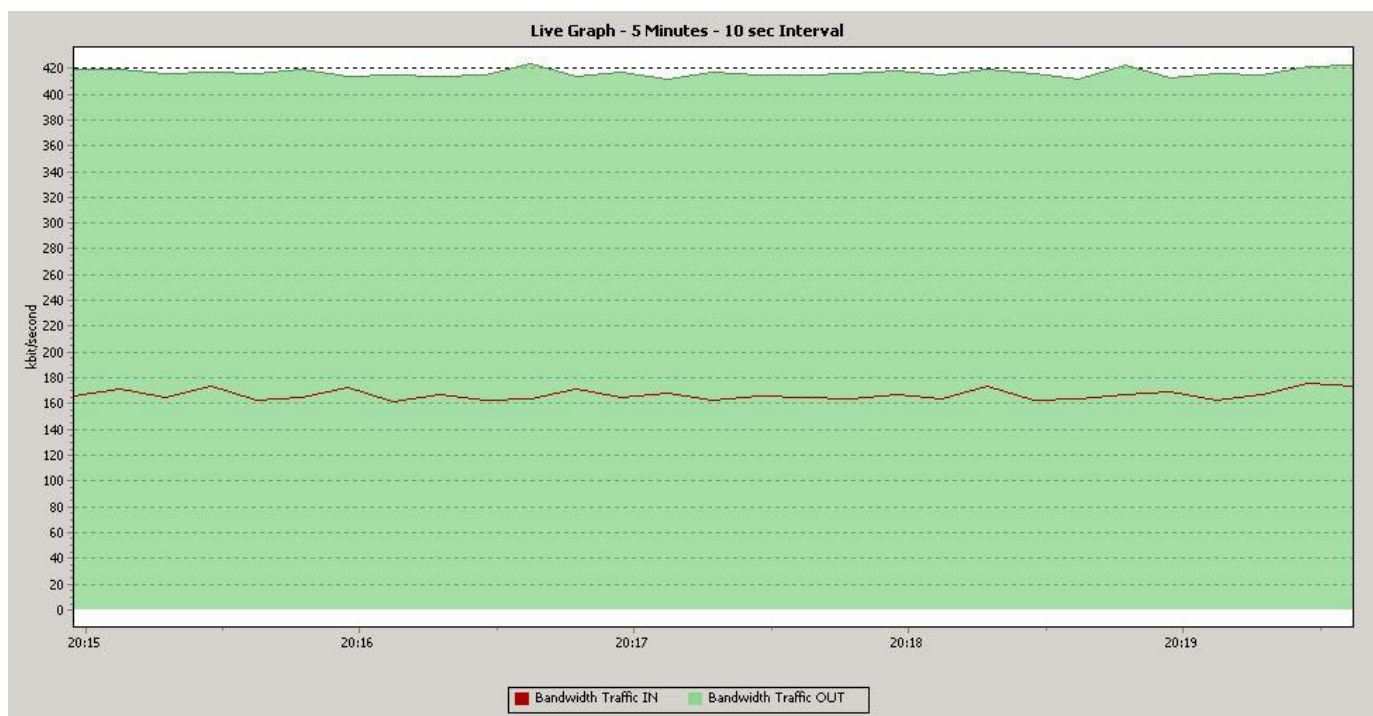
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency        : On
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId    Enable
* 0  0     7.120000      11.583700  DVB-S2 2         Yes
  1  1     0.000000       0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.583934 GHz
Symbol Rate        : 7.119913 Msps
S2 ModCod
     - receiving   : 13   8PSK-2/3
     - current max : 15   8PSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 14.7 dB
Input Power        : -32 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.128000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -14.1 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -265 us (271289 us)
Frequency correction: 140 Hz

IP DVB 10.148.0.16/32

Pinging 10.144.71.1 with 32 bytes of data:
Reply from 10.144.71.1: bytes=32 time=584ms TTL=62
Reply from 10.144.71.1: bytes=32 time=596ms TTL=62
Reply from 10.144.71.1: bytes=32 time=617ms TTL=62
Reply from 10.144.71.1: bytes=32 time=540ms TTL=62
Reply from 10.144.71.1: bytes=32 time=554ms TTL=62
Reply from 10.144.71.1: bytes=32 time=572ms TTL=62
Reply from 10.144.71.1: bytes=32 time=582ms TTL=62
Reply from 10.144.71.1: bytes=32 time=539ms TTL=62
Reply from 10.144.71.1: bytes=32 time=549ms TTL=62
Reply from 10.144.71.1: bytes=32 time=570ms TTL=62

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 617ms, Average = 570ms
```