prodemge	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 10/01/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Cid Santos

GRE/Prodemge: Carlos Alberto Silva	**Responsável/cliente:** Leila Bastos Gomes

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-IGGA-0696	384/153	VSAT

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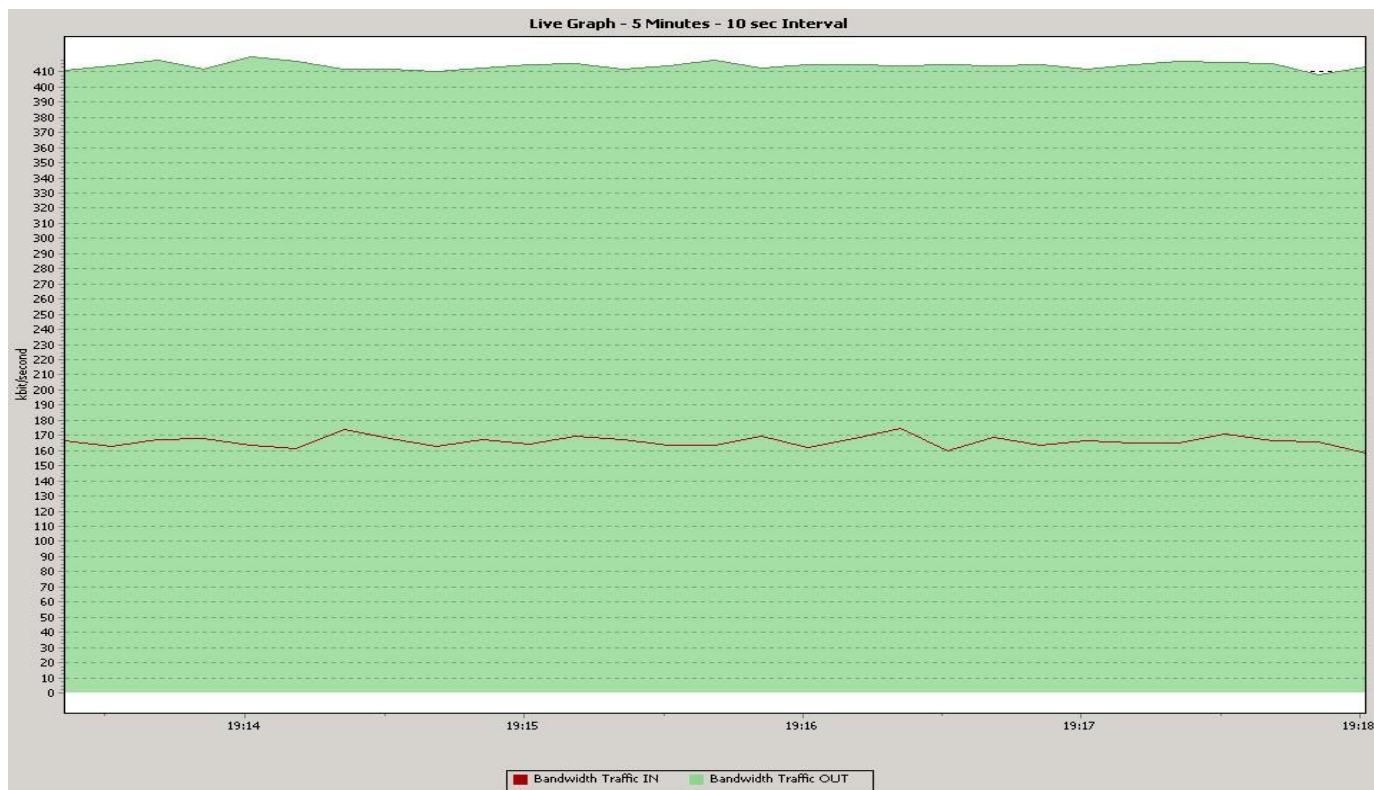
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.584038 GHz
Symbol Rate         : 7.119915 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                 : 15.7 dB
Input Power         : -34 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.0 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     : -18.6 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.4 dBW
Es/No                : 15.5 dB
Header Compression   :  DSM-CC
Timing correction    : -357 us (271895 us)
Frequency correction: 220 Hz
#

IP DVB: 10.148.0.41/32

 Pinging 10.144.51.1 with 32 bytes of data:
 Reply from 10.144.51.1: bytes=32 time=586ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=614ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=541ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=548ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=575ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=589ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=611ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=620ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=551ms TTL=62
 Reply from 10.144.51.1: bytes=32 time=573ms TTL=62

 Ping statistics for 10.144.51.1:
 Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
 Minimum = 541ms, Maximum = 620ms, Average = 580ms
```