▶ prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais			**Data:** 18/01/2012

NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Antônio Gonçalves	

GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Grazielle Christine	

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-BEAS-0663	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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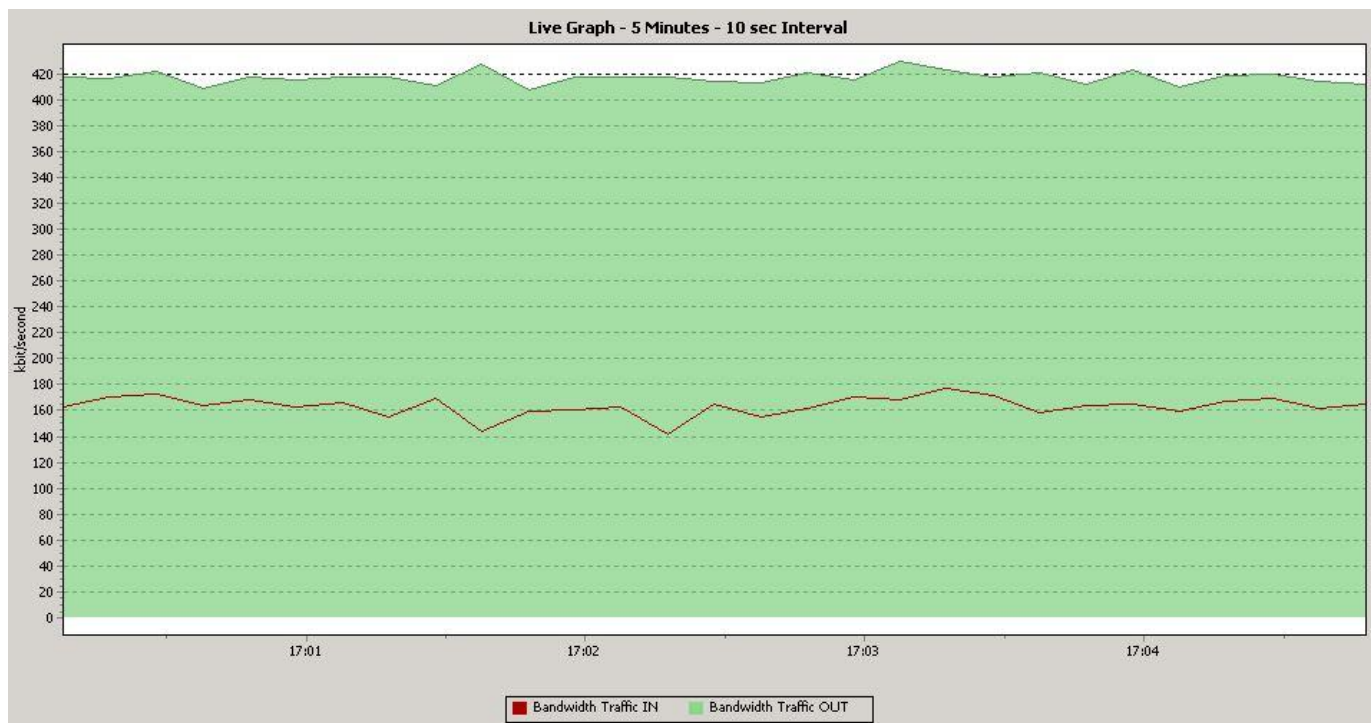
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0  0     7.120000       11.583700   DVB-S2 2          Yes
  1  1     0.000000        0.000000   DVB-S2 2          Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.584167 GHz
Symbol Rate         : 7.119921 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                 : 15.4 dB
Input Power         : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -19.0 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.3 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -458 us (271203 us)
Frequency correction: 60 Hz

IP DVB 10.148.0.56/32

Pinging 10.144.18.1 with 32 bytes of data:
Reply from 10.144.18.1: bytes=32 time=548ms TTL=62
Reply from 10.144.18.1: bytes=32 time=1715ms TTL=62
Reply from 10.144.18.1: bytes=32 time=554ms TTL=62
Reply from 10.144.18.1: bytes=32 time=560ms TTL=62
Reply from 10.144.18.1: bytes=32 time=581ms TTL=62
Reply from 10.144.18.1: bytes=32 time=591ms TTL=62
Reply from 10.144.18.1: bytes=32 time=548ms TTL=62
Reply from 10.144.18.1: bytes=32 time=536ms TTL=62
Reply from 10.144.18.1: bytes=32 time=546ms TTL=62
Reply from 10.144.18.1: bytes=32 time=567ms TTL=62

Ping statistics for 10.144.18.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 536ms, Maximum = 1715ms, Average = 674ms
```