▶ prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 03/04/2012
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Marcos Paulo de Sousa Ferreira
GRE/Prodemge: Bruno Hauck		**Responsável/cliente:** Ereni Berreto Costa

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAOA-0923	384/153	VSAT

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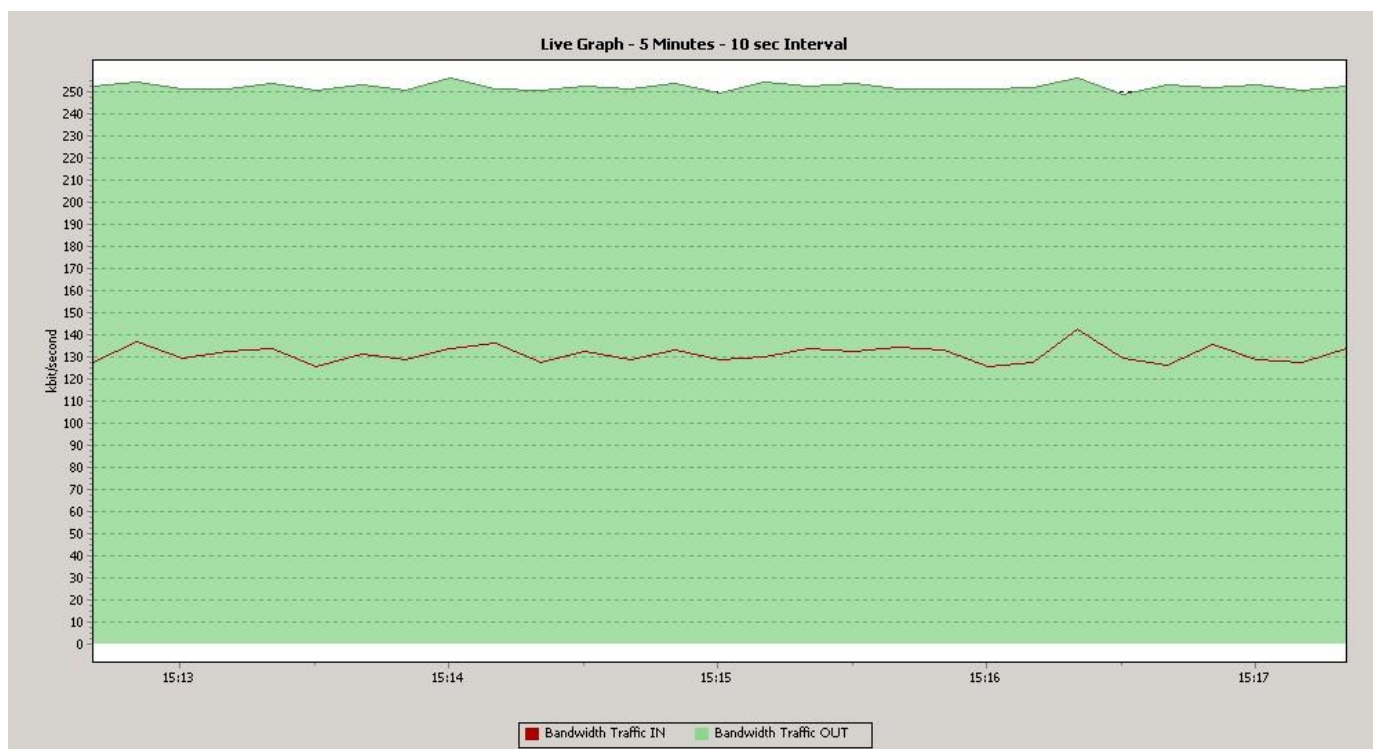
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.583722 GHz
Symbol Rate        : 7.119999 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                : 14.7 dB
Input Power        : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -18 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    : -14.3 dBm
ODU Output Power    : 34.3 dBm
EIRP                : 47.6 dBW
Es/No               : 15.0 dB
Header Compression  :  DSM-CC
Timing correction   : -410 us (270658 us)
Frequency correction: 90 Hz
#

IP DVB 10.148.0.159/32

Pinging 10.144.239.1 with 32 bytes of data:

Reply from 10.144.239.1: bytes=32 time=570ms TTL=62
Reply from 10.144.239.1: bytes=32 time=534ms TTL=62
Reply from 10.144.239.1: bytes=32 time=554ms TTL=62
Reply from 10.144.239.1: bytes=32 time=590ms TTL=62
Reply from 10.144.239.1: bytes=32 time=585ms TTL=62
Reply from 10.144.239.1: bytes=32 time=597ms TTL=62
Reply from 10.144.239.1: bytes=32 time=544ms TTL=62
Reply from 10.144.239.1: bytes=32 time=619ms TTL=62
Reply from 10.144.239.1: bytes=32 time=542ms TTL=62
Reply from 10.144.239.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.144.239.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 619ms, Average = 569ms
```