▶▶ prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 30/05/2012

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Marcos Paulo de Souza Ferreira

GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Heloisa Conceição de Sá

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ITIM-3335	384/153	VSAT
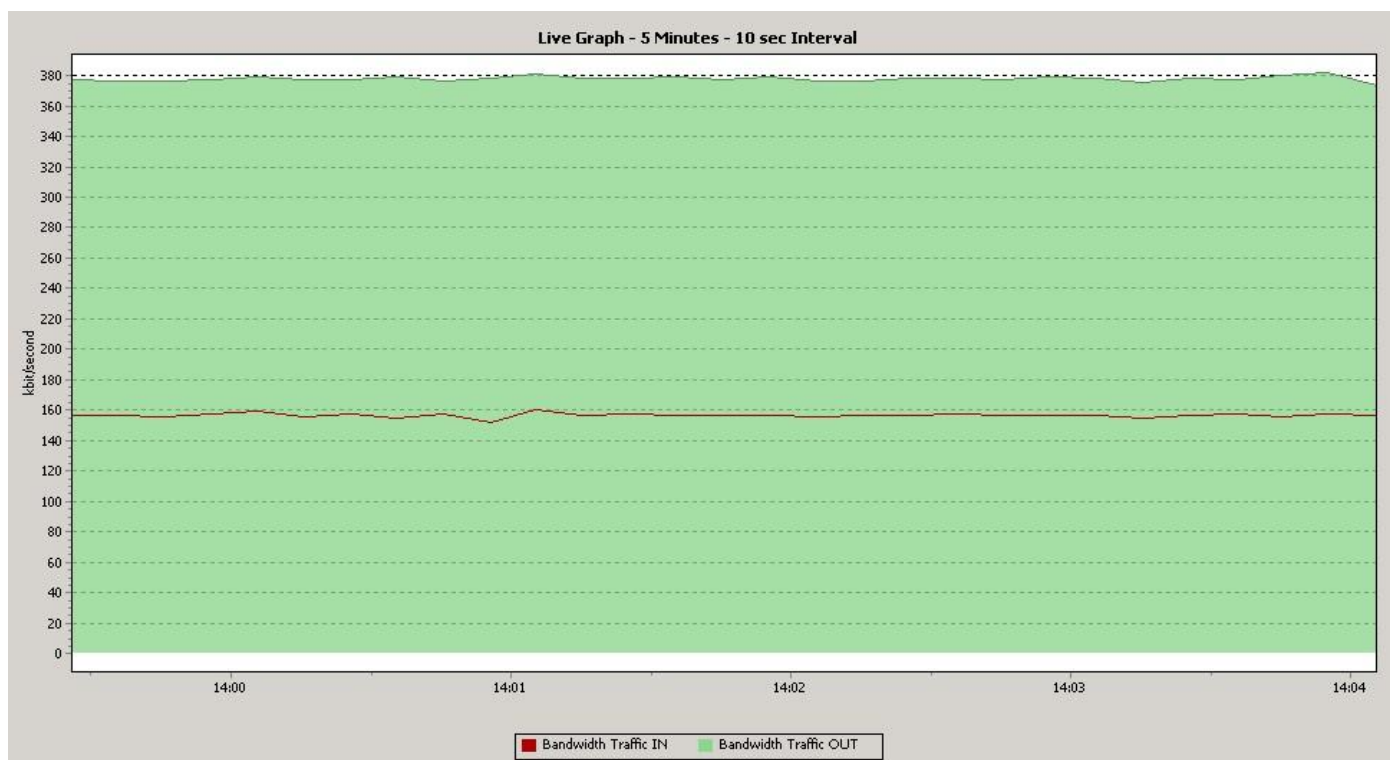

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.583923 GHz
Symbol Rate         : 7.119965 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                 : 15.1 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -24 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 48.5 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    : -18.3 dBm
ODU Output Power    : 34.4 dBm
EIRP                : 47.7 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : -482 us (269826 us)
Frequency correction: -190 Hz

IP DVB 10.148.1.7/32

Pinging 10.145.55.1 with 32 bytes of data:

Reply from 10.145.55.1: bytes=32 time=583ms TTL=62
Reply from 10.145.55.1: bytes=32 time=590ms TTL=62
Reply from 10.145.55.1: bytes=32 time=614ms TTL=62
Reply from 10.145.55.1: bytes=32 time=626ms TTL=62
Reply from 10.145.55.1: bytes=32 time=540ms TTL=62
Reply from 10.145.55.1: bytes=32 time=564ms TTL=62
Reply from 10.145.55.1: bytes=32 time=575ms TTL=62
Reply from 10.145.55.1: bytes=32 time=598ms TTL=62
Reply from 10.145.55.1: bytes=32 time=602ms TTL=62
Reply from 10.145.55.1: bytes=32 time=627ms TTL=62

Ping statistics for 10.145.55.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 540ms, Maximum = 627ms, Average = 591ms
```