prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 20/03/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Marcos Aurélio de Moura

GRE/Prodemge: Bruno Líbero Hauck Ferreira	**Responsável/cliente:** Juliana Brovini Leite

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SEES-0793	384/153	VSAT
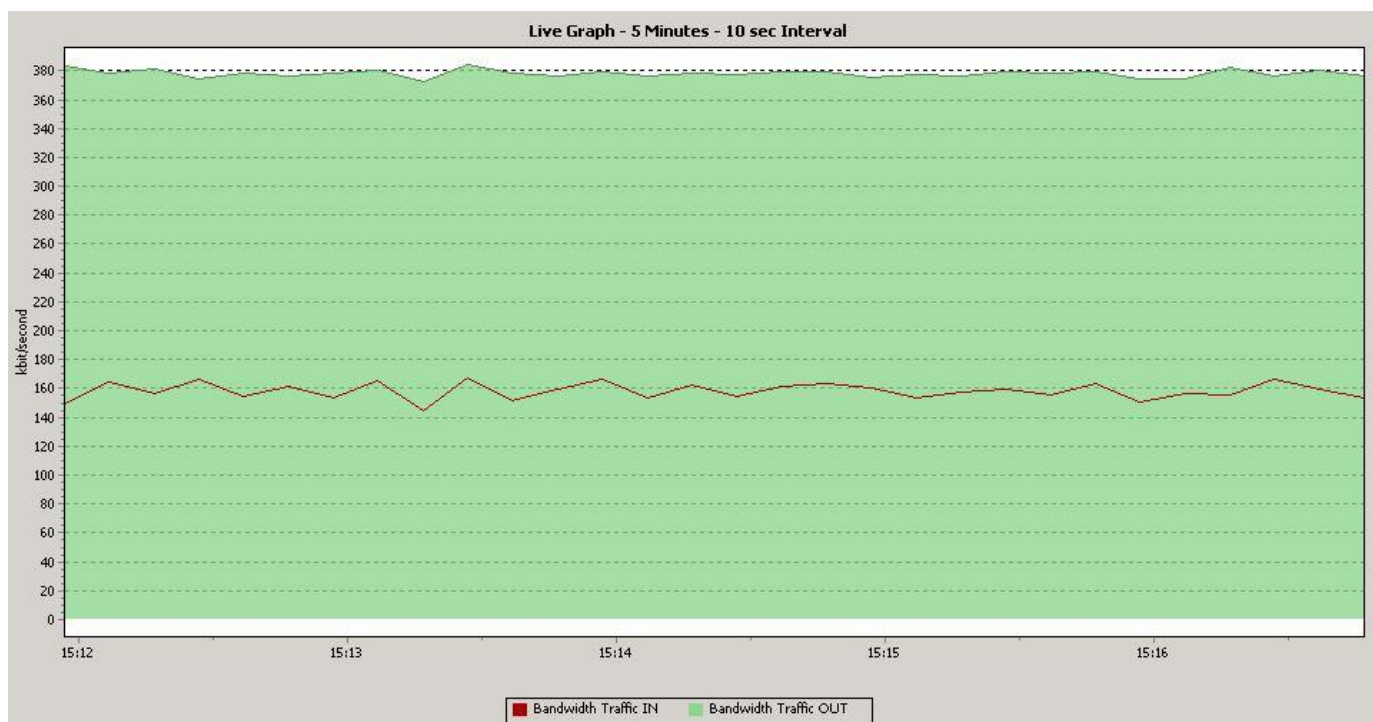

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0     7.120000      11.583700  DVB-S2 2          Yes
  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          : 11.583893 GHz
Symbol Rate        : 7.120052 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                : 14.0 dB
Input Power        : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 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     : -18.7 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -372 us (271647 us)
Frequency correction: -90 Hz

IP DVB 10.148.0.139

Pinging 10.144.109.1 with 32 bytes of data:

Reply from 10.144.109.1: bytes=32 time=666ms TTL=62
Reply from 10.144.109.1: bytes=32 time=572ms TTL=62
Reply from 10.144.109.1: bytes=32 time=584ms TTL=62
Reply from 10.144.109.1: bytes=32 time=600ms TTL=62
Reply from 10.144.109.1: bytes=32 time=607ms TTL=62
Reply from 10.144.109.1: bytes=32 time=546ms TTL=62
Reply from 10.144.109.1: bytes=32 time=615ms TTL=62
Reply from 10.144.109.1: bytes=32 time=547ms TTL=62
Reply from 10.144.109.1: bytes=32 time=567ms TTL=62
Reply from 10.144.109.1: bytes=32 time=569ms TTL=62

Ping statistics for 10.144.109.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 546ms, Maximum = 666ms, Average = 587ms
```