![prodemge]	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 14/03/2012

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Cid Santos

GRE/Prodemge: Bruno Hauck	**Responsável/cliente:** Angélica Yumiko Mitsutake

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ESUL-0899	384/153	VSAT
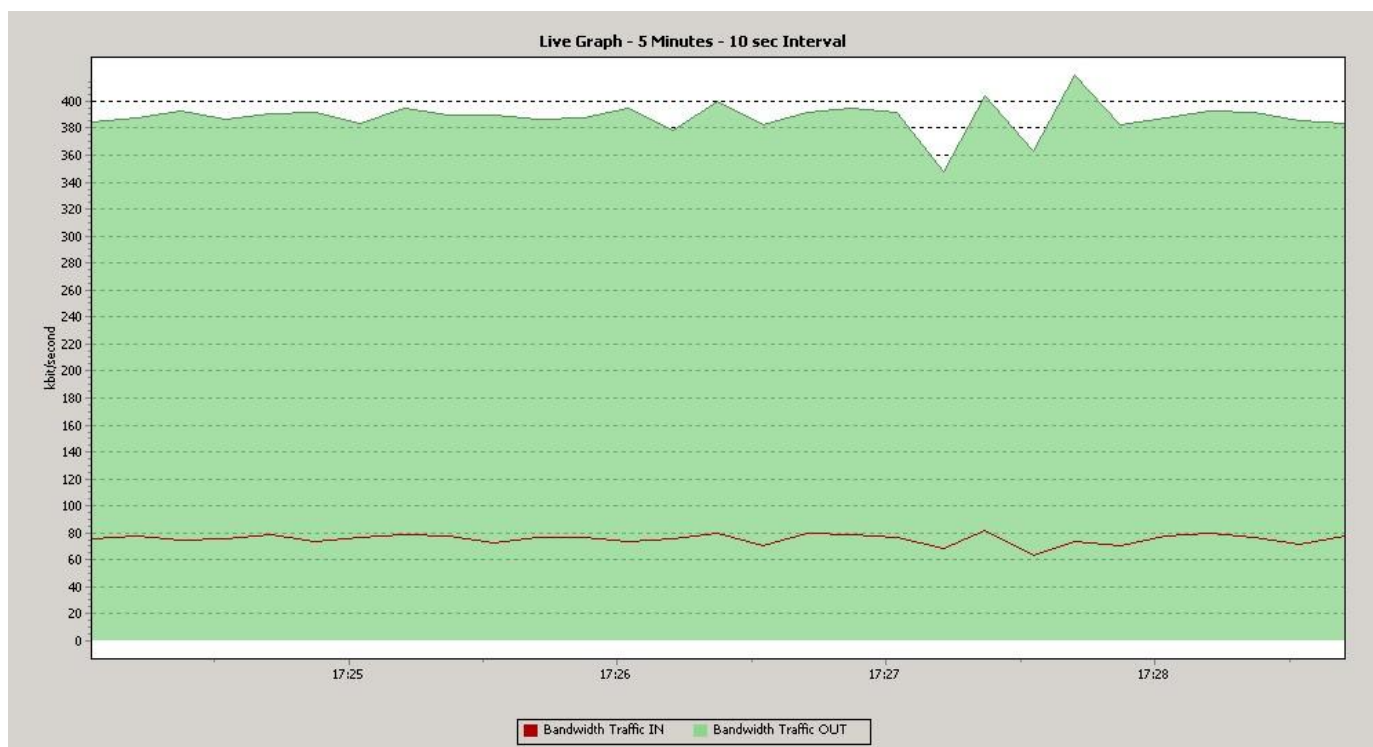

```
#
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 90 minute

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 0          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583932 GHz
Symbol Rate         : 7.120076 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                 : 13.5 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -23 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    : -18.5 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 46.2 dBW
Es/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : -374 us (272928 us)
Frequency correction: 50 Hz


IP DVB 10.148.0.137/32


Pinging 10.144.215.1 with 32 bytes of data:

Reply from 10.144.215.1: bytes=32 time=606ms TTL=62
Reply from 10.144.215.1: bytes=32 time=626ms TTL=62
Reply from 10.144.215.1: bytes=32 time=549ms TTL=62
Reply from 10.144.215.1: bytes=32 time=560ms TTL=62
Reply from 10.144.215.1: bytes=32 time=580ms TTL=62
Reply from 10.144.215.1: bytes=32 time=586ms TTL=62
Reply from 10.144.215.1: bytes=32 time=611ms TTL=62
Reply from 10.144.215.1: bytes=32 time=585ms TTL=62
Reply from 10.144.215.1: bytes=32 time=541ms TTL=62
Reply from 10.144.215.1: bytes=32 time=566ms TTL=62

Ping statistics for 10.144.215.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 541ms, Maximum = 626ms, Average = 581ms
```