prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 16/01/2012

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Deffserson de Oliveira Silva

GRE/Prodemge: Márlu Santos	**Responsável/cliente:** Laura Gonçalves

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PASO-0736	384/153	VSAT

Live Graph – 5 Minutes – 10 sec Interval

Bandwidth Traffic IN — Bandwidth Traffic OUT
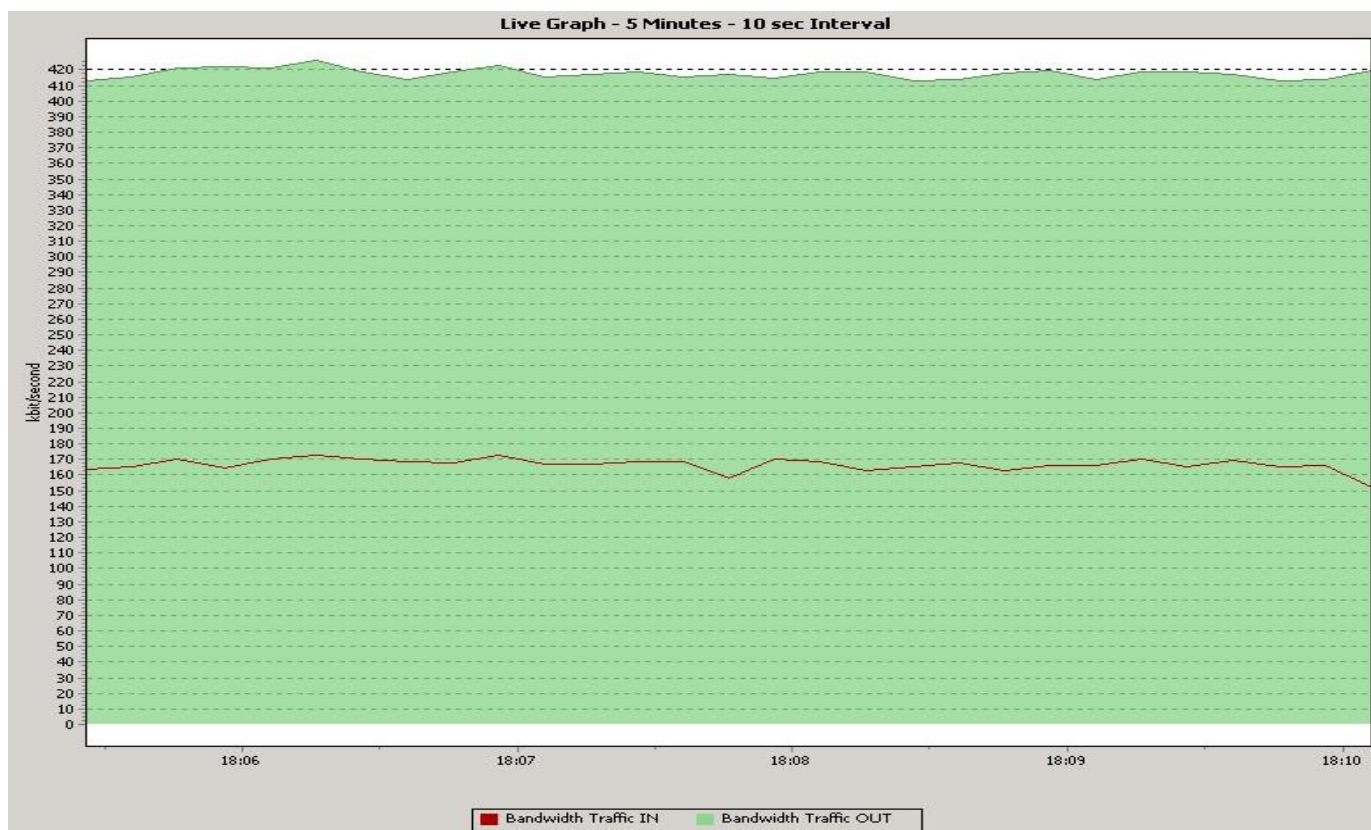
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute


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


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583865 GHz
Symbol Rate         : 7.119958 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                 : 14.1 dB
Input Power         : -32 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -13.5 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -457 us (269924 us)
Frequency correction: 200 Hz

IP DVB: 10.148.0.52/32

Pinging 10.144.70.1 with 32 bytes of data:

Reply from 10.144.70.1: bytes=32 time=592ms TTL=62
Reply from 10.144.70.1: bytes=32 time=566ms TTL=62
Reply from 10.144.70.1: bytes=32 time=619ms TTL=62
Reply from 10.144.70.1: bytes=32 time=542ms TTL=62
Reply from 10.144.70.1: bytes=32 time=583ms TTL=62
Reply from 10.144.70.1: bytes=32 time=574ms TTL=62
Reply from 10.144.70.1: bytes=32 time=585ms TTL=62
Reply from 10.144.70.1: bytes=32 time=537ms TTL=62
Reply from 10.144.70.1: bytes=32 time=713ms TTL=62
Reply from 10.144.70.1: bytes=32 time=540ms TTL=62

Ping statistics for 10.144.70.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 537ms, Maximum = 713ms, Average = 585ms
```