	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais — **Data:** 31/05/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Alexandre Pascoal da Silva
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Laríssa Quaresma Rosa

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-BEIS-3359	384/153	VSAT

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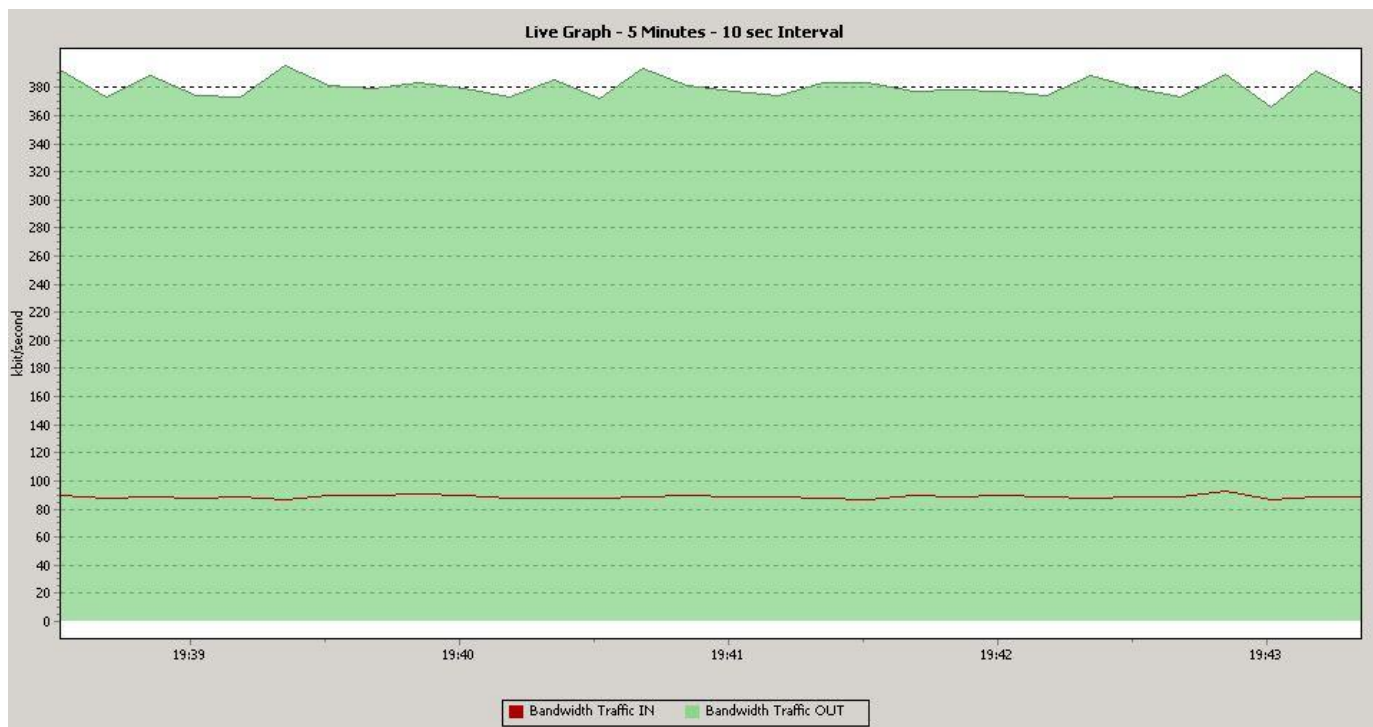
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode    PopId   Enable
* 0  0     7.120000       11.583700   DVB-S2 2          Yes
  1  1     0.000000        0.000000   DVB-S2 2          Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.584228 GHz
Symbol Rate         : 7.120054 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.1 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -18 dBm
IDU max output power: 0.0 dBm
EIRP                 : max
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     : -17.4 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -370 us (269574 us)
Frequency correction: -30 Hz

IP DVB 10.148.0.217/32

Pinging 10.145.76.1 with 32 bytes of data:

Reply from 10.145.76.1: bytes=32 time=595ms TTL=62
Reply from 10.145.76.1: bytes=32 time=604ms TTL=62
Reply from 10.145.76.1: bytes=32 time=600ms TTL=62
Reply from 10.145.76.1: bytes=32 time=543ms TTL=62
Reply from 10.145.76.1: bytes=32 time=618ms TTL=62
Reply from 10.145.76.1: bytes=32 time=541ms TTL=62
Reply from 10.145.76.1: bytes=32 time=561ms TTL=62
Reply from 10.145.76.1: bytes=32 time=572ms TTL=62
Reply from 10.145.76.1: bytes=32 time=592ms TTL=62
Reply from 10.145.76.1: bytes=32 time=603ms TTL=62

Ping statistics for 10.145.76.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 541ms, Maximum = 618ms, Average = 582ms
```