prodemge	TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais			**Data:** 17/01/2012

NOC/Operadora: Renan Borges Sousa		**Operadora/Cliente:** Silmar Ferreira Fernandes	

GRE/Prodemge: Márlu da Silva Santos		**Responsável/cliente:** Maria Fátima Andrade	

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAIA-0749	384/153	VSAT
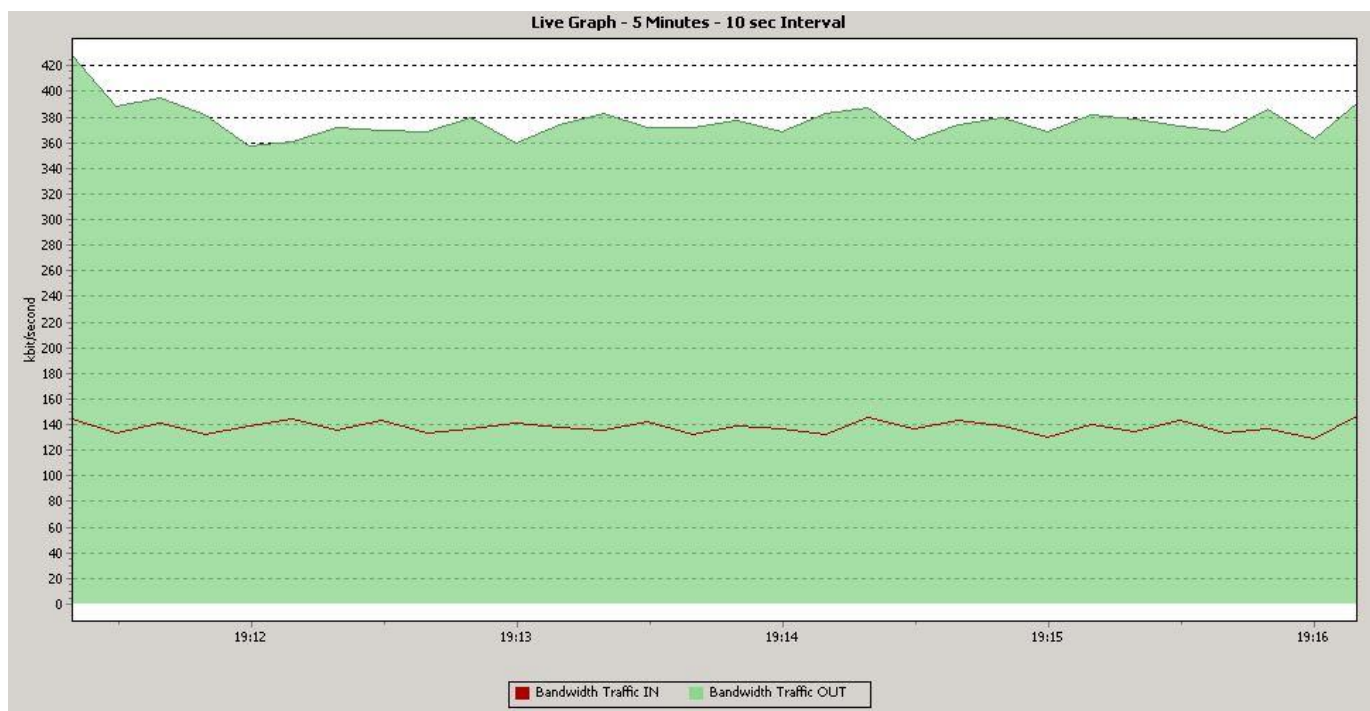

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.584100 GHz
Symbol Rate         : 7.120007 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 21  16APSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.3 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -19 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    : -15.2 dBm
ODU Output Power    : 32.9 dBm
EIRP                : 46.2 dBW
Eb/No               : 13.5 dB
Header Compression  :  DSM-CC
Timing correction   : -356 us (271530 us)
Frequency correction: 90 Hz


IP DVB 10.148.0.11/32

Pinging 10.144.80.1 with 32 bytes of data:
Reply from 10.144.80.1: bytes=32 time=573ms TTL=61
Reply from 10.144.80.1: bytes=32 time=647ms TTL=61
Reply from 10.144.80.1: bytes=32 time=577ms TTL=61
Reply from 10.144.80.1: bytes=32 time=684ms TTL=61
Reply from 10.144.80.1: bytes=32 time=611ms TTL=61
Reply from 10.144.80.1: bytes=32 time=708ms TTL=61
Reply from 10.144.80.1: bytes=32 time=616ms TTL=61
Reply from 10.144.80.1: bytes=32 time=710ms TTL=61
Reply from 10.144.80.1: bytes=32 time=694ms TTL=61
Reply from 10.144.80.1: bytes=32 time=611ms TTL=61

Ping statistics for 10.144.80.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 573ms, Maximum = 710ms, Average = 643ms
```