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

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 24/04/2012	
NOC/Operadora: Renan Borges Sousa		**Operadora/Cliente:** Leonardo Batista de Araujo Silva	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Alexandra Lúcia Santos	
Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAIA-3248	384/153	VSAT
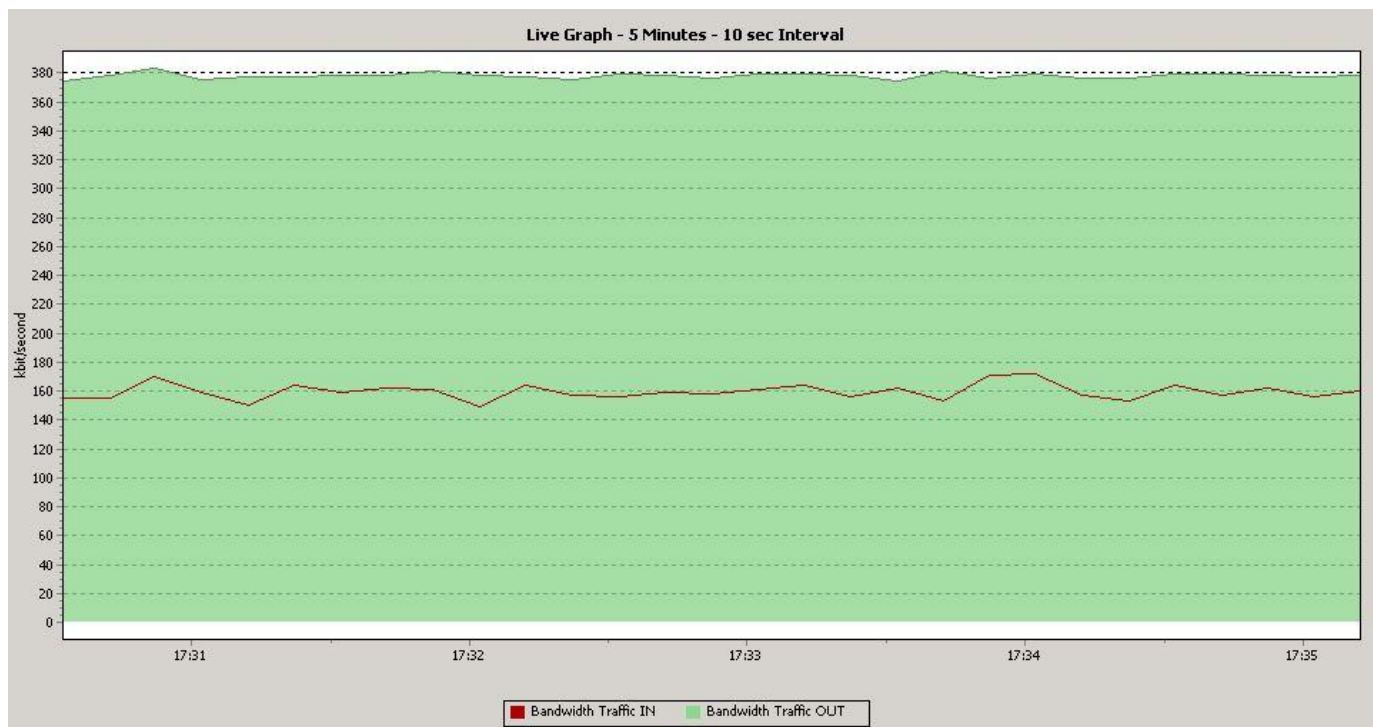

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583768 GHz
Symbol Rate         : 7.120026 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 23   16APSK-9/10
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 15.2 dB
Input Power         : -31 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -18 dBm
EIRP                 : 46.0 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     : -16.6 dBm
ODU Output Power     : 32.4 dBm
EIRP                 : 45.7 dBW
Eb/No                : 15.0 dB
Header Compression   :  DSM-CC
Timing correction    : -392 us (271530 us)
Frequency correction : 10 Hz


IP DVB 10.148.0.163/32


Pinging 10.145.27.1 with 32 bytes of data:

Reply from 10.145.27.1: bytes=32 time=529ms TTL=62
Reply from 10.145.27.1: bytes=32 time=550ms TTL=62
Reply from 10.145.27.1: bytes=32 time=561ms TTL=62
Reply from 10.145.27.1: bytes=32 time=582ms TTL=62
Reply from 10.145.27.1: bytes=32 time=592ms TTL=62
Reply from 10.145.27.1: bytes=32 time=612ms TTL=62
Reply from 10.145.27.1: bytes=32 time=591ms TTL=62
Reply from 10.145.27.1: bytes=32 time=547ms TTL=62
Reply from 10.145.27.1: bytes=32 time=568ms TTL=62
Reply from 10.145.27.1: bytes=32 time=547ms TTL=62

Ping statistics for 10.145.27.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 529ms, Maximum = 612ms, Average = 567ms
```