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

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 02/05/2012	
NOC/Operadora: Renan Borges Sousa		**Operadora/Cliente:** Leonardo Batista de Araujo Silva	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Jurcemar Aperecida Lobato de Souza	
Consórcio STM/Vodanet	**VSAT-ID** SES-LERA-3344	**Porta kbps** 384/153	**Plataforma** VSAT
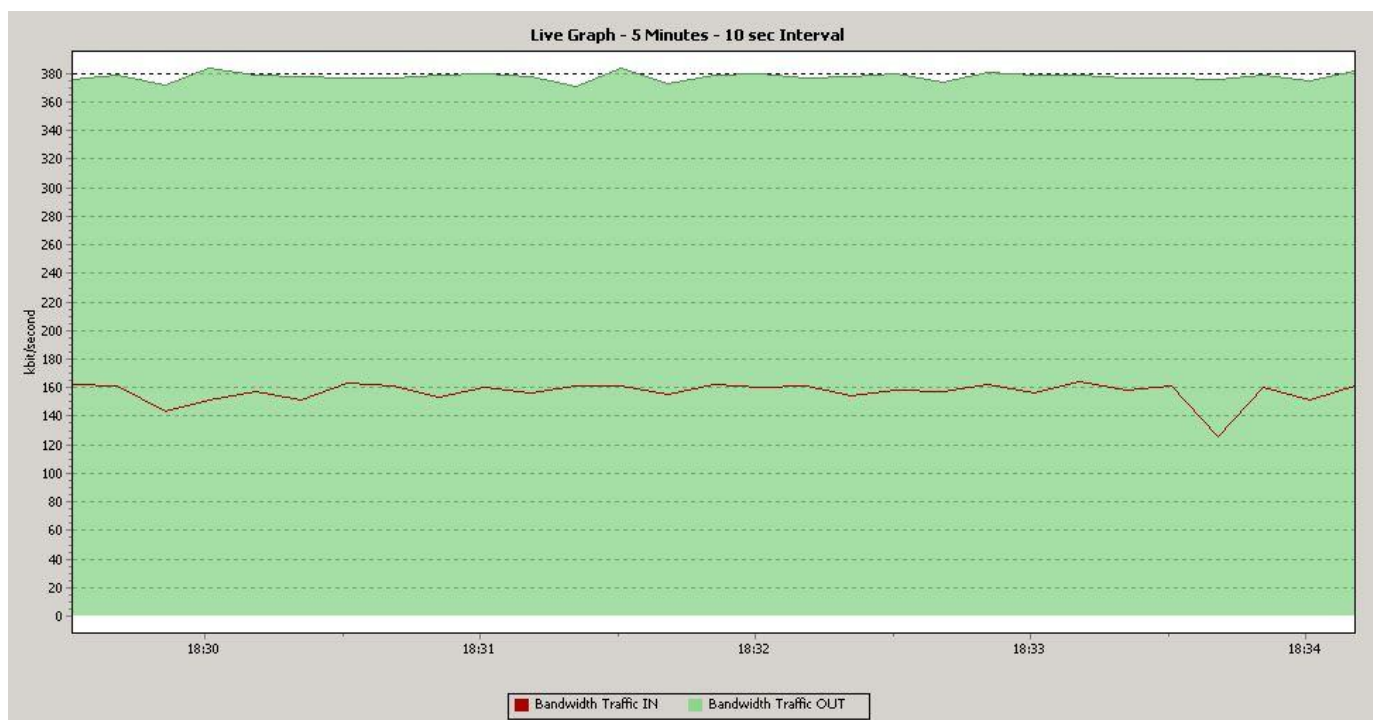

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.584086 GHz
Symbol Rate         : 7.119944 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                 : 16.0 dB
Input Power         : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -22 dBm
EIRP                : 42.0 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    : -19.9 dBm
ODU Output Power    : 30.7 dBm
EIRP                : 41.9 dBW
Eb/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -350 us (271973 us)
Frequency correction: 30 Hz


IP DVB 10.148.0.193/32


Pinging 10.145.64.1 with 32 bytes of data:

Reply from 10.145.64.1: bytes=32 time=542ms TTL=62
Reply from 10.145.64.1: bytes=32 time=563ms TTL=62
Reply from 10.145.64.1: bytes=32 time=573ms TTL=62
Reply from 10.145.64.1: bytes=32 time=593ms TTL=62
Reply from 10.145.64.1: bytes=32 time=603ms TTL=62
Reply from 10.145.64.1: bytes=32 time=624ms TTL=62
Reply from 10.145.64.1: bytes=32 time=547ms TTL=62
Reply from 10.145.64.1: bytes=32 time=656ms TTL=62
Reply from 10.145.64.1: bytes=32 time=579ms TTL=62
Reply from 10.145.64.1: bytes=32 time=557ms TTL=62

Ping statistics for 10.145.64.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 542ms, Maximum = 656ms, Average = 583ms
```