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

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 10/05/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina

GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Jaecina Pereira dos Santos

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-PAAO-3373	384/153	VSAT
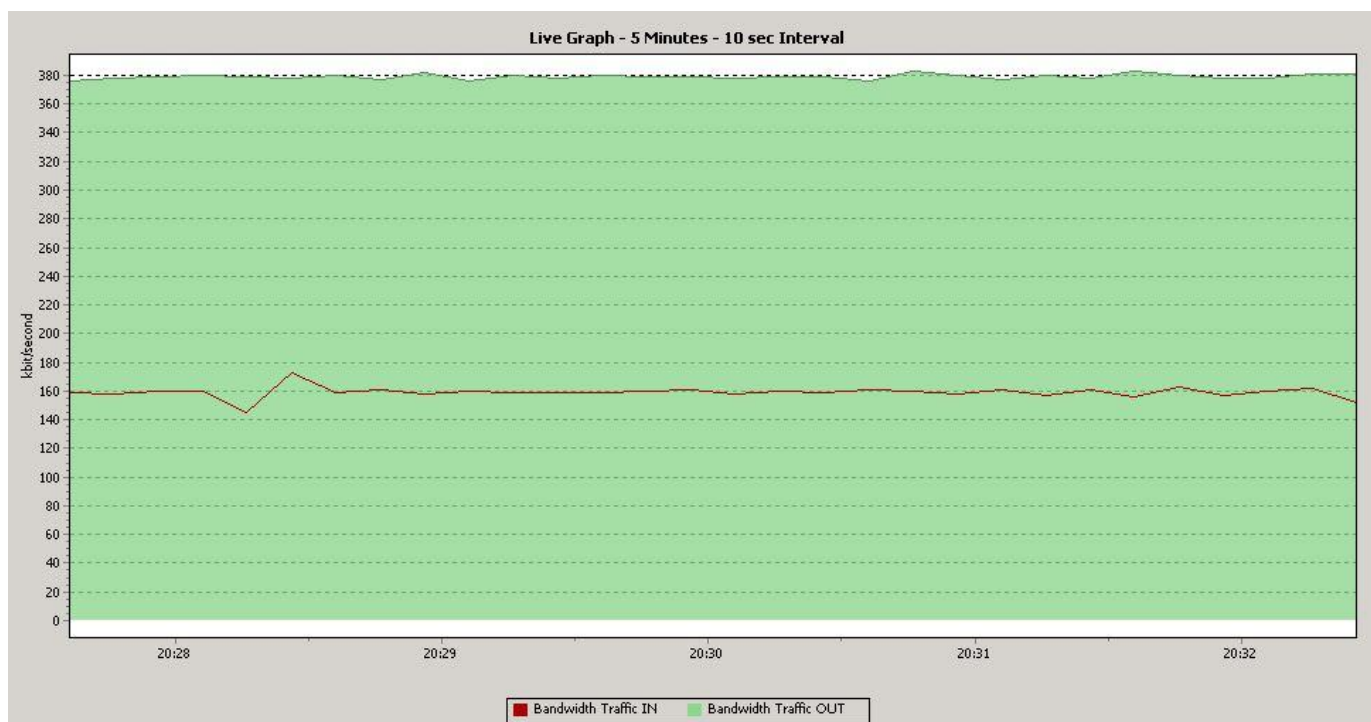

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.583876 GHz
Symbol Rate         : 7.119847 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                 : 14.0 dB
Input Power         : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -17 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     : -17.1 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Eb/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -249 us (269819 us)
Frequency correction: 160 Hz


IP DVB 10.148.0.218/32


Pinging 10.145.80.1 with 32 bytes of data:

Reply from 10.145.80.1: bytes=32 time=546ms TTL=62
Reply from 10.145.80.1: bytes=32 time=567ms TTL=62
Reply from 10.145.80.1: bytes=32 time=546ms TTL=62
Reply from 10.145.80.1: bytes=32 time=603ms TTL=62
Reply from 10.145.80.1: bytes=32 time=611ms TTL=62
Reply from 10.145.80.1: bytes=32 time=630ms TTL=62
Reply from 10.145.80.1: bytes=32 time=553ms TTL=62
Reply from 10.145.80.1: bytes=32 time=564ms TTL=62
Reply from 10.145.80.1: bytes=32 time=584ms TTL=62
Reply from 10.145.80.1: bytes=32 time=555ms TTL=62

Ping statistics for 10.145.80.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 546ms, Maximum = 630ms, Average = 575ms
```