prodemge	**TERMO DE ACEITE TÉCNICO**

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais **Data:** 29/03/2012

NOC/Operadora: Renan Borges Sousa **Operadora/Cliente:** Marcos Aurélio de Moura
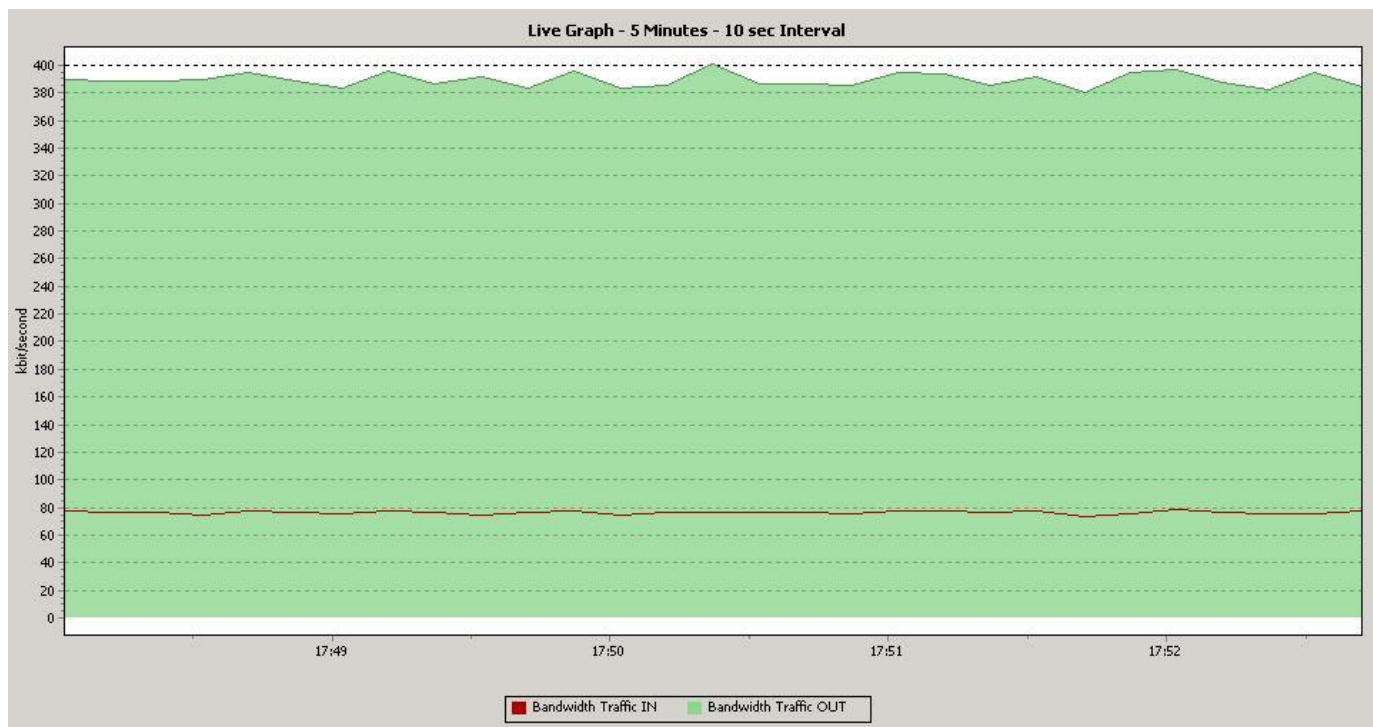
GRE/Prodemge: Rafael Alves Ferreira **Responsável/cliente:** Wallace Victor do Nascimento

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ANOS-0937	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
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           : 11.583879 GHz
Symbol Rate         : 7.120029 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
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     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 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     : -14.6 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -355 us (271838 us)
Frequency correction: 90 Hz


IP DVB 10.144.245.1/32


Pinging 10.148.0.158 with 32 bytes of data:

Reply from 10.148.0.158: bytes=32 time=609ms TTL=62
Reply from 10.148.0.158: bytes=32 time=532ms TTL=62
Reply from 10.148.0.158: bytes=32 time=576ms TTL=62
Reply from 10.148.0.158: bytes=32 time=563ms TTL=62
Reply from 10.148.0.158: bytes=32 time=573ms TTL=62
Reply from 10.148.0.158: bytes=32 time=593ms TTL=62
Reply from 10.148.0.158: bytes=32 time=604ms TTL=62
Reply from 10.148.0.158: bytes=32 time=625ms TTL=62
Reply from 10.148.0.158: bytes=32 time=549ms TTL=62
Reply from 10.148.0.158: bytes=32 time=560ms TTL=62

Ping statistics for 10.148.0.158:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 532ms, Maximum = 625ms, Average = 578ms
```