# TERMO DE ACEITE TÉCNICO

**prodemge**

| | |
|---|---|
| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 31/05/2012 |

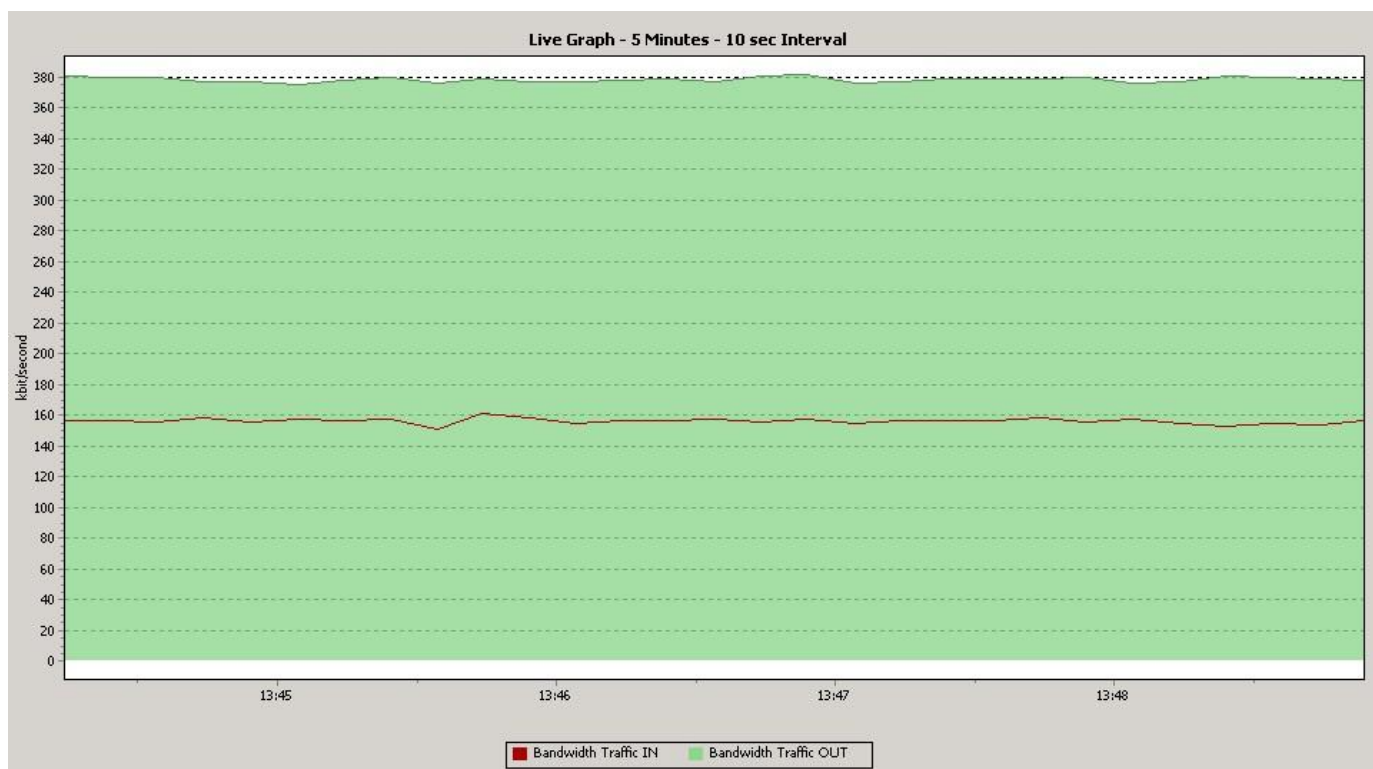| | |
|---|---|
| **NOC/Operadora:** Jefferson de Souza Marques | **Operadora/Cliente:** Marcos Paulo de Sousa Ferreira |
| **GRE/Prodemge:** Rafael Alves Ferreira | **Responsável/cliente:** Lindaura Sobrinho da Silva |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-SAAS-3376 | 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           : 11.583867 GHz
Symbol Rate         : 7.119970 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                 : 13.5 dB
Input Power         : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.2 dBm
EIRP                : 48.5 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    : -16.0 dBm
ODU Output Power    : 33.9 dBm
EIRP                : 47.2 dBW
Es/No               : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : -489 us (269588 us)
Frequency correction: -280 Hz
#

IP DVB 10.148.0.239/32

Pinging 10.145.95.1 with 32 bytes of data:

Reply from 10.145.95.1: bytes=32 time=580ms TTL=62
Reply from 10.145.95.1: bytes=32 time=582ms TTL=62
Reply from 10.145.95.1: bytes=32 time=607ms TTL=62
Reply from 10.145.95.1: bytes=32 time=618ms TTL=62
Reply from 10.145.95.1: bytes=32 time=638ms TTL=62
Reply from 10.145.95.1: bytes=32 time=562ms TTL=62
Reply from 10.145.95.1: bytes=32 time=574ms TTL=62
Reply from 10.145.95.1: bytes=32 time=593ms TTL=62
Reply from 10.145.95.1: bytes=32 time=571ms TTL=62
Reply from 10.145.95.1: bytes=32 time=624ms TTL=62

Ping statistics for 10.145.95.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 562ms, Maximum = 638ms, Average = 594ms
```