



# TERMO DE ACEITE TÉCNICO

**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

**Data:** 06/03/2012

**NOC/Operadora:** Jefferson de Souza Marques

**Operadora/Cliente:** Welligton Ferreira

**GRE/Prodemge:** Márlu da Silva Santos

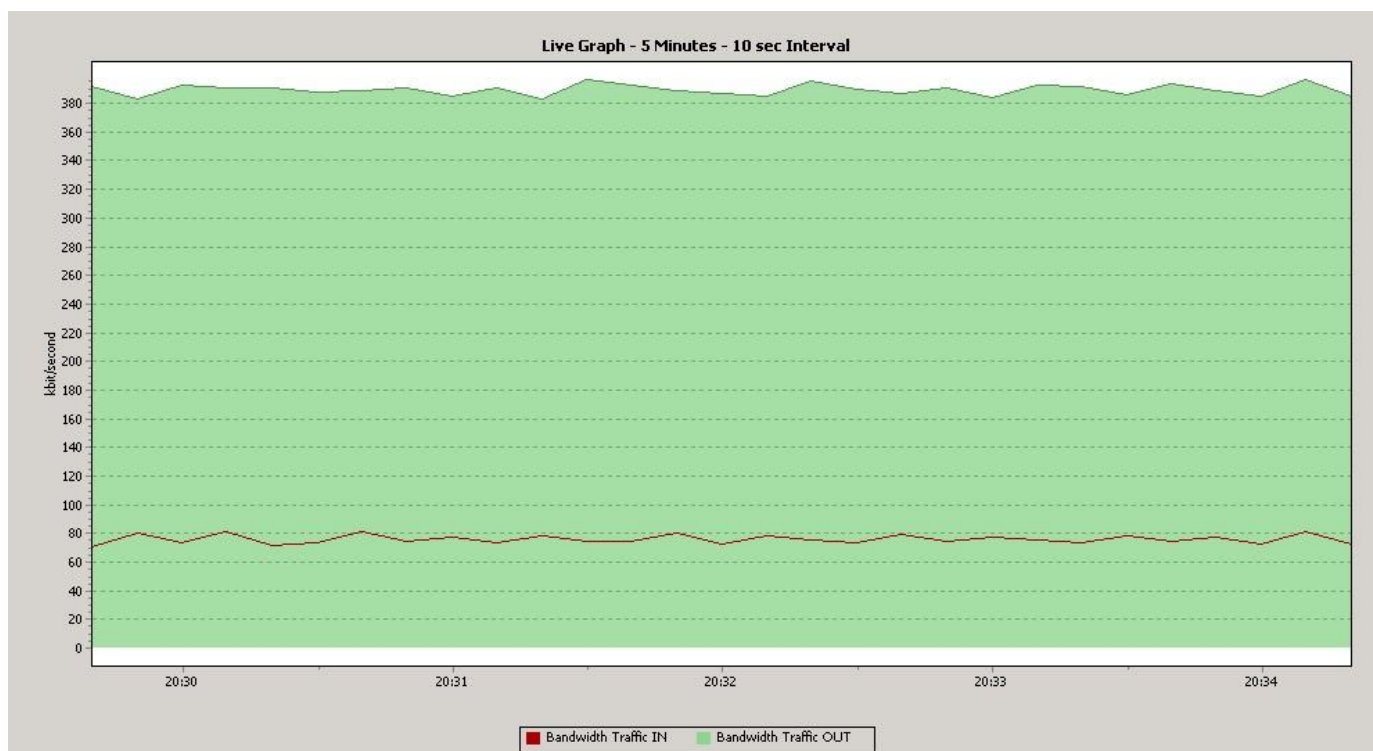
**Responsável/cliente:** Janine Menicucci

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-LAAS-0816

**Porta kbps**  
384/153

**Plataforma**  
VSAT



```
#
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[Msp/s]	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            : 11.583801 GHz
Symbol Rate         : 7.120076 Msp/s
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                  : 14.5 dB
Input Power         : -38 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 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     : -16.4 dBm
ODU Output Power     : 32.4 dBm
EIRP                 : 45.7 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction     : -284 us (272339 us)
Frequency correction : 120 Hz

IP DVB 10.148.0.125/32

Pinging 10.144.135.1 with 32 bytes of data:

Reply from 10.144.135.1: bytes=32 time=626ms TTL=62
Reply from 10.144.135.1: bytes=32 time=583ms TTL=62
Reply from 10.144.135.1: bytes=32 time=570ms TTL=62
Reply from 10.144.135.1: bytes=32 time=580ms TTL=62
Reply from 10.144.135.1: bytes=32 time=600ms TTL=62
Reply from 10.144.135.1: bytes=32 time=579ms TTL=62
Reply from 10.144.135.1: bytes=32 time=534ms TTL=62
Reply from 10.144.135.1: bytes=32 time=555ms TTL=62
Reply from 10.144.135.1: bytes=32 time=534ms TTL=62
Reply from 10.144.135.1: bytes=32 time=586ms TTL=62

Ping statistics for 10.144.135.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 626ms, Average = 574ms
```