



# TERMO DE ACEITE TÉCNICO

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

**Data:** 27/02/2012

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

**Operadora/Cliente:** Deferson de Oliveira Silva

**GRE/Prodemge:** Bruno Hauck

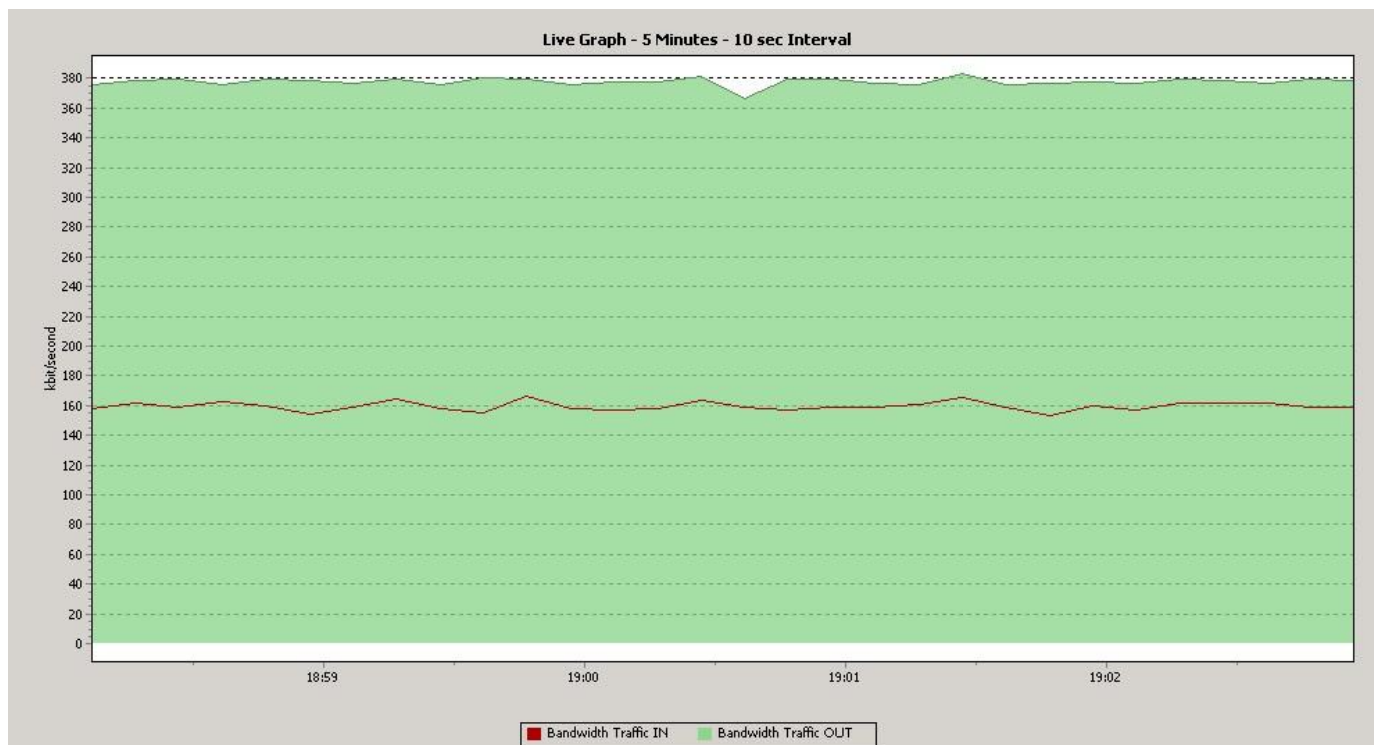
**Responsável/cliente:** Elainy Rodrigues

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SANO-0789

**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[Mbps]	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            : 11.583704 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                  : 14.1 dB
Input Power          : -37 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -18 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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     : -13.2 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -344 us (270207 us)
Frequency correction : 40 Hz

IP DVB 10.148.0.110/32

Pinging 10.144.105.1 with 32 bytes of data:

Reply from 10.144.105.1: bytes=32 time=568ms TTL=62
Reply from 10.144.105.1: bytes=32 time=621ms TTL=62
Reply from 10.144.105.1: bytes=32 time=544ms TTL=62
Reply from 10.144.105.1: bytes=32 time=589ms TTL=62
Reply from 10.144.105.1: bytes=32 time=577ms TTL=62
Reply from 10.144.105.1: bytes=32 time=587ms TTL=62
Reply from 10.144.105.1: bytes=32 time=544ms TTL=62
Reply from 10.144.105.1: bytes=32 time=619ms TTL=62
Reply from 10.144.105.1: bytes=32 time=542ms TTL=62
Reply from 10.144.105.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.144.105.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 542ms, Maximum = 621ms, Average = 575ms
```