



# TERMO DE ACEITE TÉCNICO

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

**Data:** 02/03/2012

**NOC/Operadora:** Renan Borges Sousa

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

**GRE/Prodemge:** Rafael Alves Ferreira

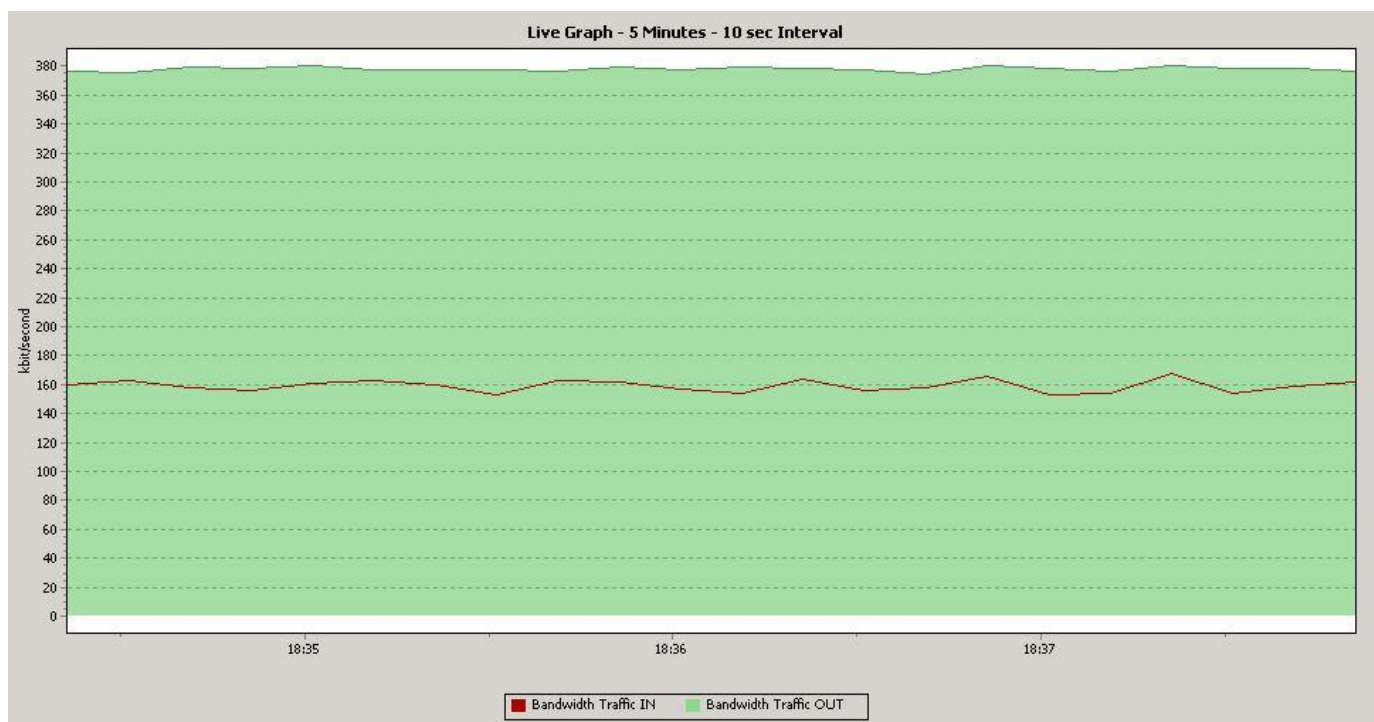
**Responsável/cliente:** Thais Lopes Silveira Silva

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MEEL-0910

**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 : 11.583926 GHz  
Symbol Rate : 7.119942 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 : 13.8 dB  
Input Power : -35 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 : -15.2 dBm  
ODU Output Power : 33.9 dBm  
EIRP : 47.2 dBW  
Es/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : -589 us (270495 us)  
Frequency correction: -10 Hz

IP DVB 10.148.0.124/32

Pinging 10.144.226.1 with 32 bytes of data:

Reply from 10.144.226.1: bytes=32 time=585ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=564ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=617ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=539ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=582ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=569ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=580ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=599ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=578ms TTL=62  
Reply from 10.144.226.1: bytes=32 time=533ms TTL=62

Ping statistics for 10.144.226.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 533ms, Maximum = 617ms, Average = 574ms