



# TERMO DE ACEITE TÉCNICO

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

**Data:** 09/03/2012

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

**Operadora/Cliente:** Airtton Nascimento de Mouro

**GRE/Prodemge:** Bruno Hauck

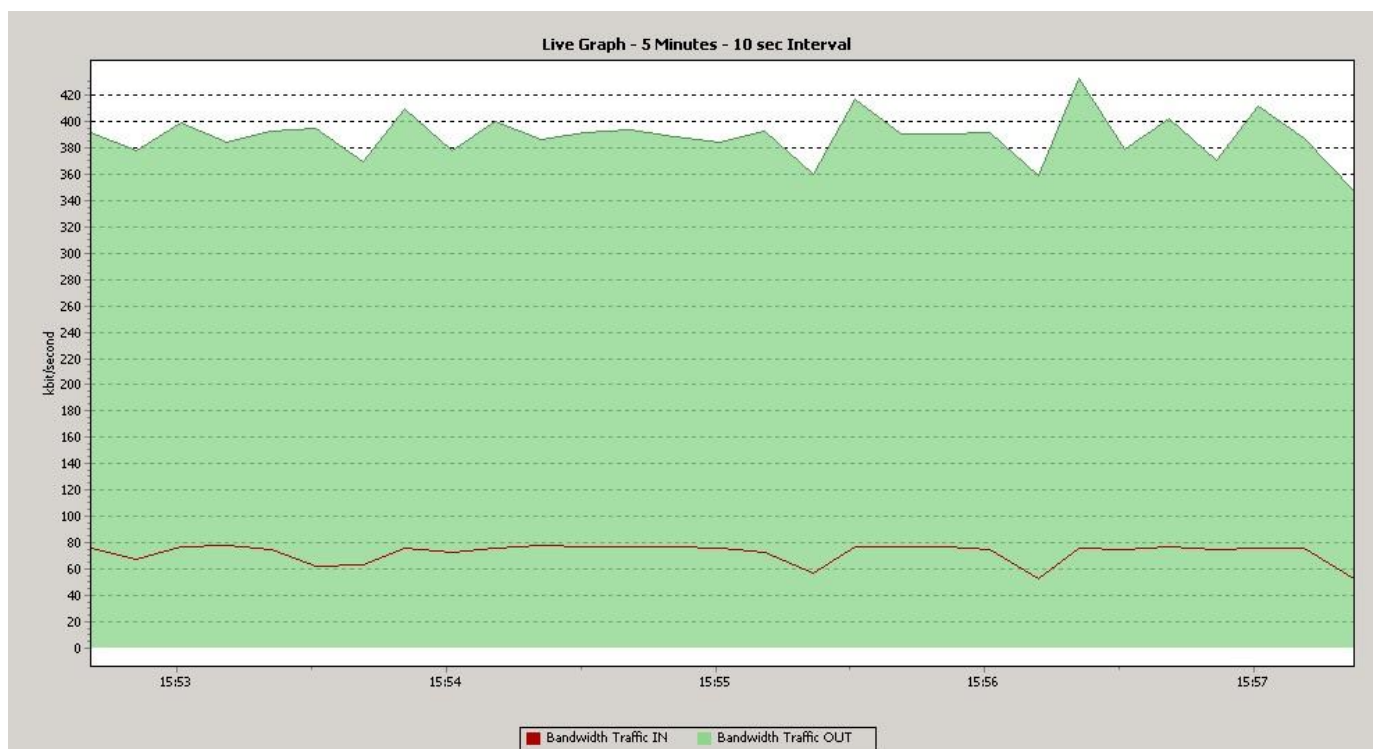
**Responsável/cliente:** Solange Campos de Resende

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SAAS-0877

**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
1	1	0.000000	0.000000	DVB-S2	2	Yes

Satellite (DVB) Receiver Status  
-----

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.584001 GHz  
Symbol Rate : 7.119977 Mbps  
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 : 14.7 dB  
Input Power : -35 dBm

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -25 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 30.7 dBm
EIRP                 : 44.0 dBW
Default CW Frequency: 14.128000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -20.6 dBm
ODU Output Power     : 29.7 dBm
EIRP                 : 43.0 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -384 us (271734 us)
Frequency correction : 60 Hz

IP DVB 10.148.0.131/32

Pinging 10.144.193.1 with 32 bytes of data:

Reply from 10.144.193.1: bytes=32 time=570ms TTL=62
Reply from 10.144.193.1: bytes=32 time=590ms TTL=62
Reply from 10.144.193.1: bytes=32 time=569ms TTL=62
Reply from 10.144.193.1: bytes=32 time=621ms TTL=62
Reply from 10.144.193.1: bytes=32 time=631ms TTL=62
Reply from 10.144.193.1: bytes=32 time=588ms TTL=62
Reply from 10.144.193.1: bytes=32 time=575ms TTL=62
Reply from 10.144.193.1: bytes=32 time=586ms TTL=62
Reply from 10.144.193.1: bytes=32 time=543ms TTL=62
Reply from 10.144.193.1: bytes=32 time=618ms TTL=62

Ping statistics for 10.144.193.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 543ms, Maximum = 631ms, Average = 589ms
```