



# TERMO DE ACEITE TÉCNICO

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

**Data:** 27/12/2011

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Sid Santos

**GRE/Prodemge:** Gilcimar Cardoso

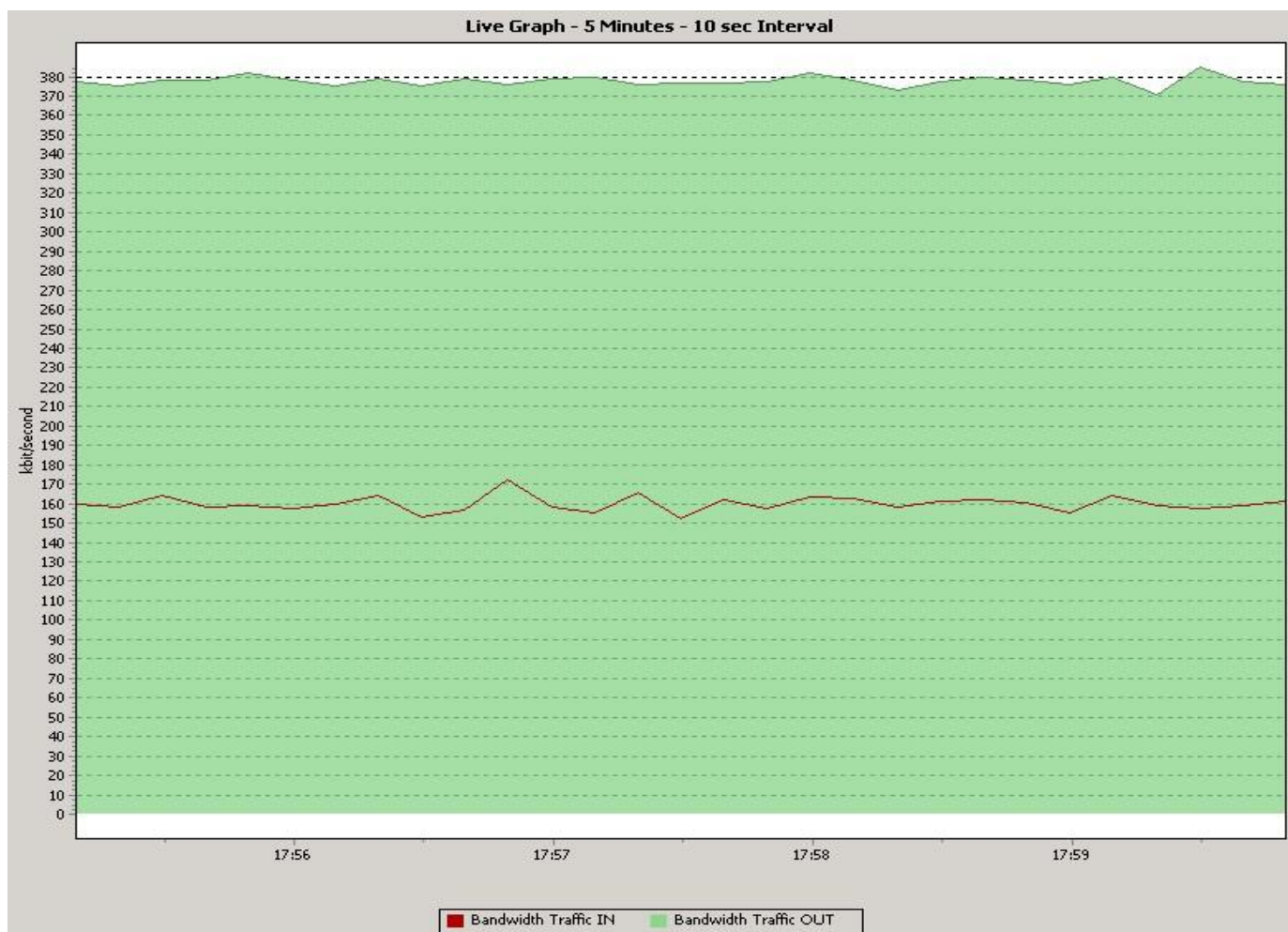
**Responsável/cliente:** Maria Gabriela da Silva Santana

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MAAS-0727

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 9.6 dB)  
ACM Latency : On  
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 : 11.584039 GHz  
Symbol Rate : 7.120012 Msp/s  
S2 ModCod  
- receiving : 13 8PSK-2/3  
- current max : 23 16APSK-9/10

Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 15.3 dB  
Input Power : -30 dBm

#### Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -21 dBm  
EIRP : 46.5 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : UDP/IP/DSM-CC

#### Satellite (DVB) Transmitter Status

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State : On (TDMA)  
IDU Output Power : -18.8 dBm  
ODU Output Power : 32.8 dBm  
EIRP : 46.3 dBW  
Eb/No : 15.0 dB  
Header Compression : DSM-CC  
Timing correction : -413 us (271778 us)  
Frequency correction: 80 Hz

Pinging 10.144.63.1 with 32 bytes of data:

Reply from 10.144.63.1: bytes=32 time=541ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=614ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=537ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=557ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=568ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=589ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=600ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=621ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=544ms TTL=62  
Reply from 10.144.63.1: bytes=32 time=555ms TTL=62

Ping statistics for 10.144.63.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 537ms, Maximum = 621ms, Average = 572ms