



# TERMO DE ACEITE TÉCNICO

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

**Data:** 28/12/2011

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Amintas da Costa

**GRE/Prodemge:** Gilcimar Cardoso

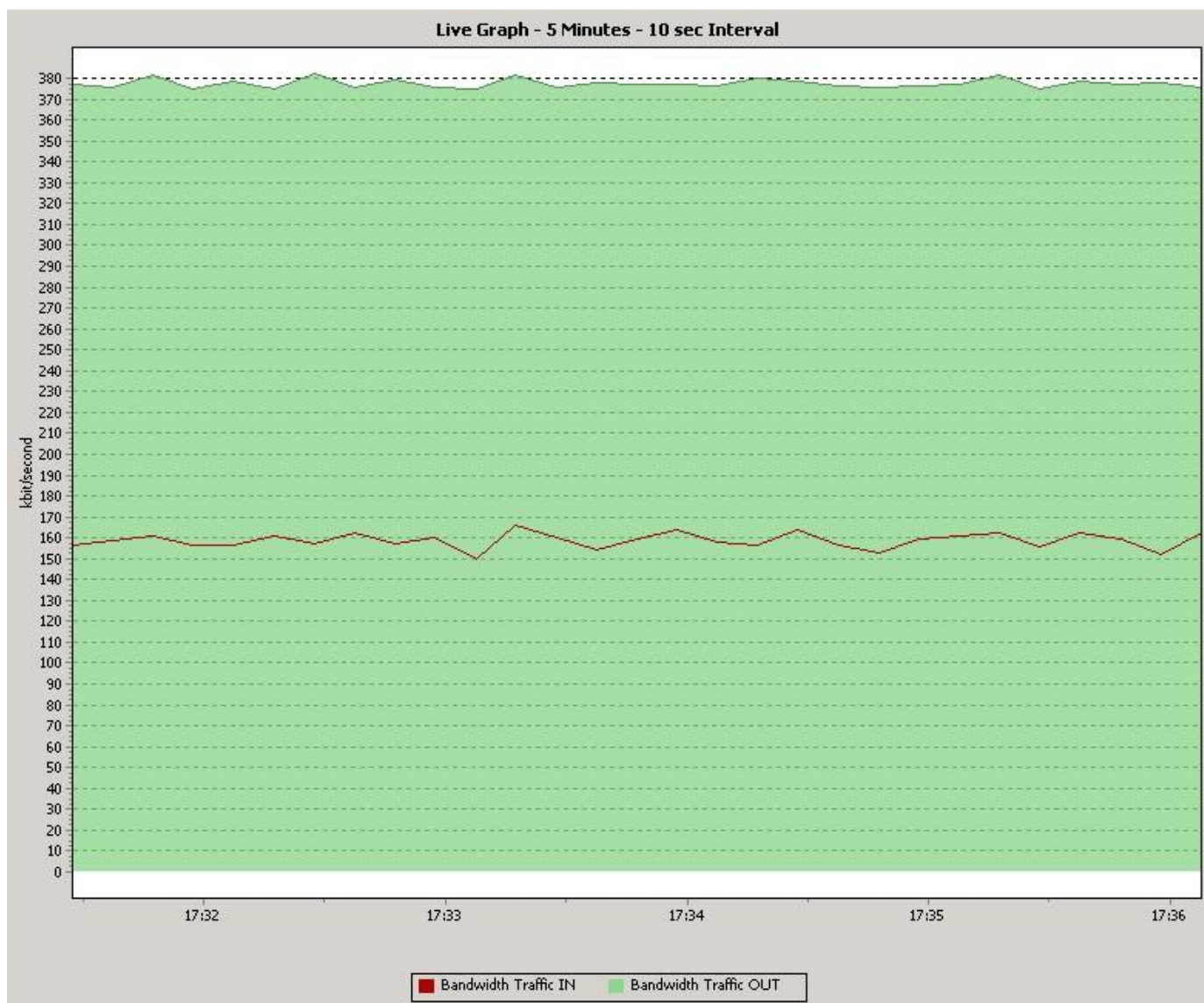
**Responsável/cliente:** Cerçonilha Crislaine da Silva

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-DINO-0687

**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[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 : 11.584152 GHz  
Symbol Rate : 7.120029 Msps  
S2 ModCod  
- receiving : 13 8PSK-2/3  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 14.8 dB  
Input Power : -34 dBm

#### Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -11 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 33.2 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 : -12.2 dBm  
ODU Output Power : 33.5 dBm  
EIRP : 46.8 dBW  
Es/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : -410 us (271017 us)  
Frequency correction: 50 Hz

IP DVB: 10.148.0.44/24

Pinging 10.144.42.1 with 32 bytes of data:

Reply from 10.144.42.1: bytes=32 time=606ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=616ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=540ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=560ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=570ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=591ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=602ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=623ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=545ms TTL=62  
Reply from 10.144.42.1: bytes=32 time=556ms TTL=62

Ping statistics for 10.144.42.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 540ms, Maximum = 623ms, Average = 580ms