



# TERMO DE ACEITE TÉCNICO

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

**Data:** 09/01/2012

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

**Operadora/Cliente:** Dhoney Miranda Rodrigues

**GRE/Prodemge:** Douglas Alvares

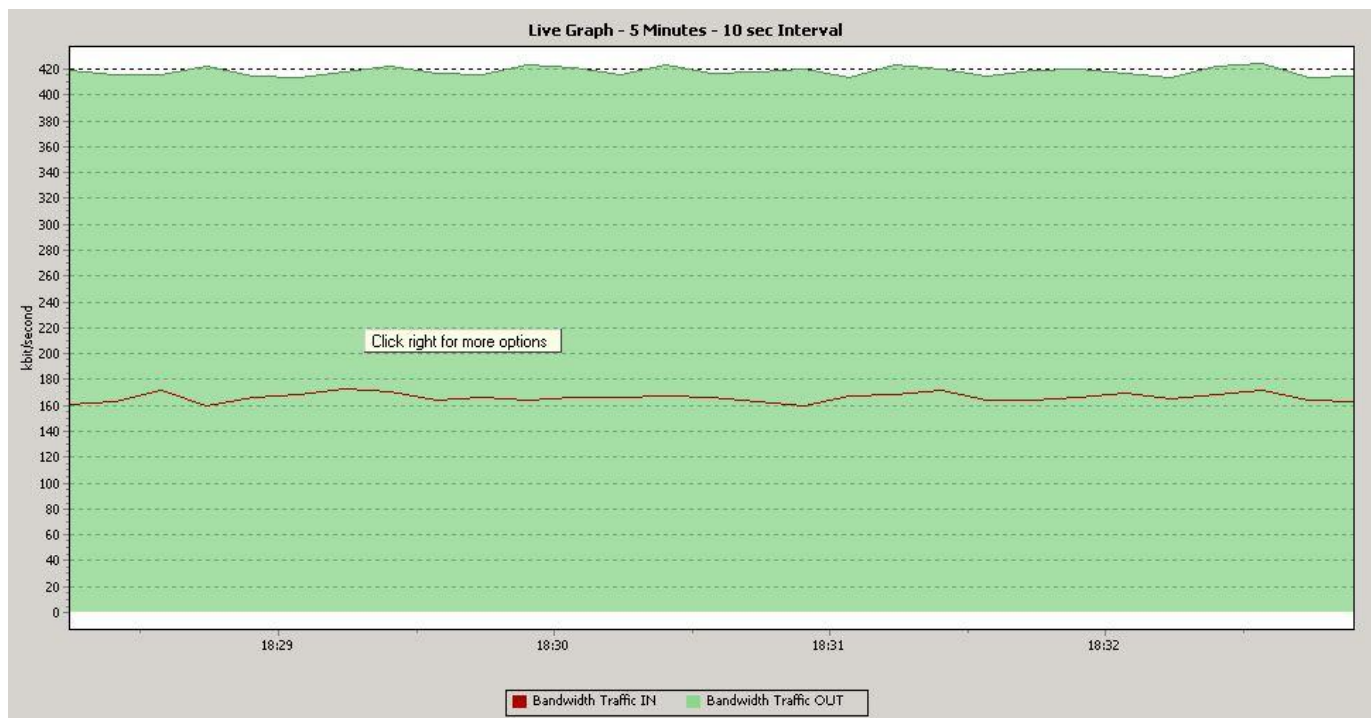
**Responsável/cliente:** Cássia

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-BRAS-0643

**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
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 : 11.584048 GHz  
Symbol Rate : 7.120088 Mbps  
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 : 13.5 dB  
Input Power : -27 dBm

#### Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -21 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

-----  
State : On (TDMA)  
IDU Output Power : -20.3 dBm  
ODU Output Power : 33.1 dBm  
EIRP : 46.4 dBW  
Es/No : 14.5 dB  
Header Compression : DSM-CC  
Timing correction : -371 us (270956 us)  
Frequency correction: 140 Hz

IP DVB 10.148.0.29/32

Pinging 10.144.0.1 with 32 bytes of data:

Reply from 10.144.0.1: bytes=32 time=545ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=556ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=577ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=587ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=608ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=618ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=541ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=561ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=571ms TTL=62  
Reply from 10.144.0.1: bytes=32 time=592ms TTL=62

Ping statistics for 10.144.0.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 541ms, Maximum = 618ms, Average = 575m