



# TERMO DE ACEITE TÉCNICO

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

**Data:** 01/03/2012

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Marcos Aurélio

**GRE/Prodemge:** Carlos Alberto

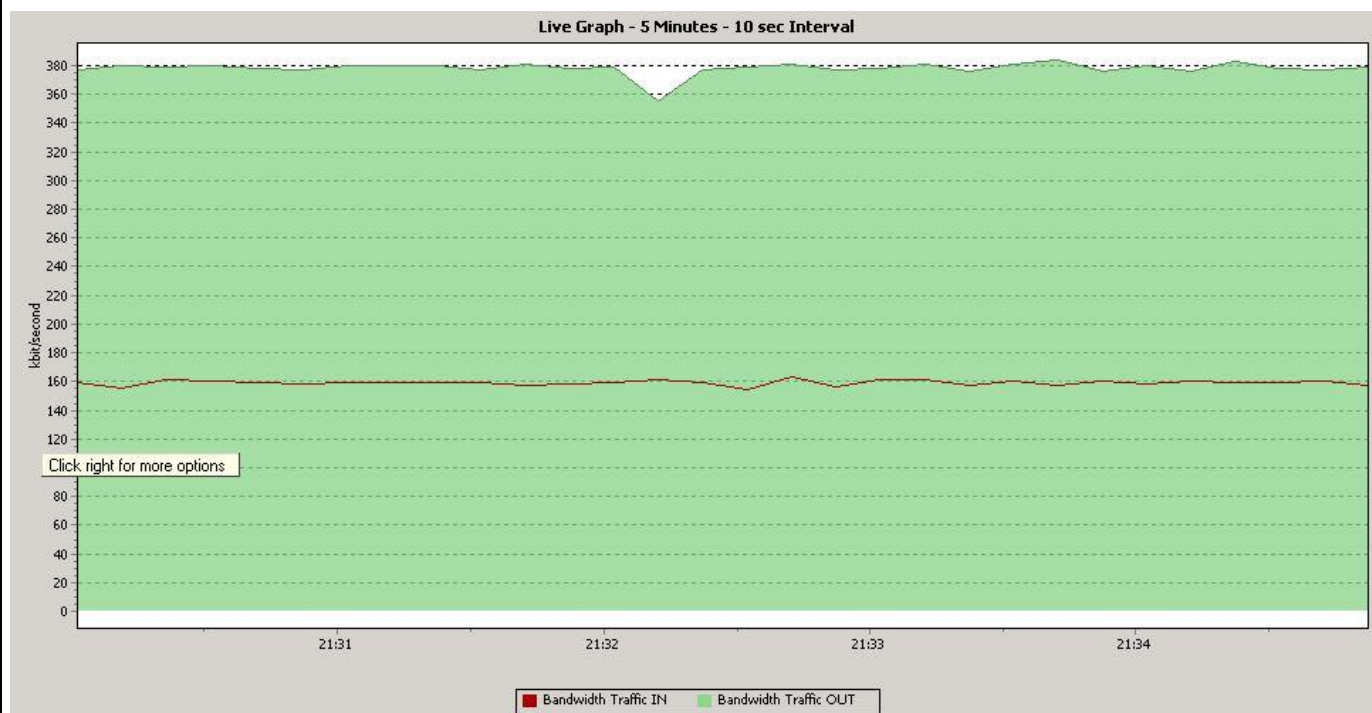
**Responsável/cliente:** Elizabete Ferreira

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SAEI-0820

**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	No

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.584066 GHz  
Symbol Rate : 7.119864 Msps  
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 : 15.1 dB  
Input Power : -26 dBm  
#

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -18 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 : -17.2 dBm  
ODU Output Power : 32.8 dBm  
EIRP : 46.1 dBW  
Es/No : 14.0 dB  
Header Compression : DSM-CC  
Timing correction : -289 us (271989 us)  
Frequency correction: 70 Hz

IP DVB 10.148.0.114/32

Pinging 10.144.139.1 with 32 bytes of data:

Reply from 10.144.139.1: bytes=32 time=540ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=560ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=571ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=591ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=602ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=622ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=544ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=555ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=579ms TTL=62  
Reply from 10.144.139.1: bytes=32 time=553ms TTL=62

Ping statistics for 10.144.139.1:

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

Approximate round trip times in milli-seconds:

Minimum = 540ms, Maximum = 622ms, Average = 571ms