



# TERMO DE ACEITE TÉCNICO

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

**Data:** 21/03/2012

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Airtón Gabriel do Nascimento Moro

**GRE/Prodemge:** Bruno de Líbero Hauck Ferreira

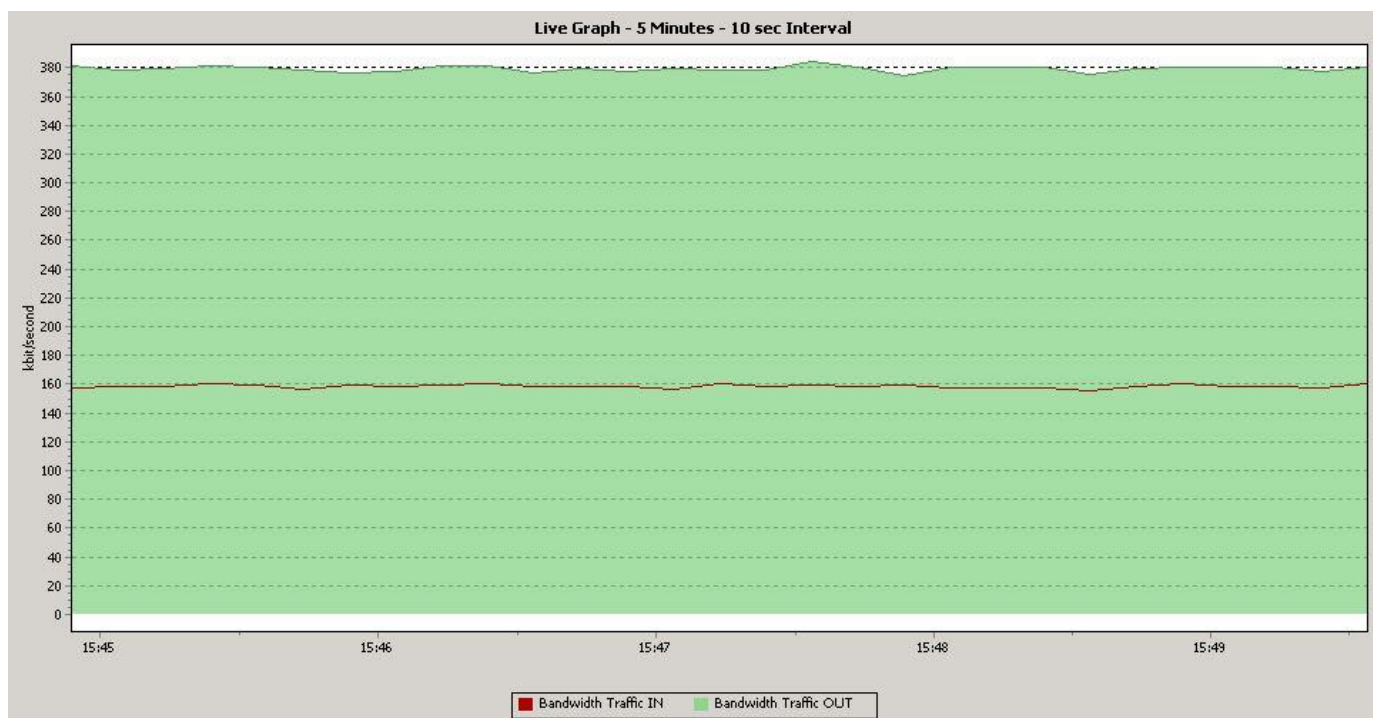
**Responsável/cliente:** Lívia Lopes Moreira

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ITCU-0870

**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[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 : 11.583656 GHz  
Symbol Rate : 7.120043 Msp/s  
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 : -32 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 : 30.7 dBm  
EIRP : 44.0 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 : -22.7 dBm  
ODU Output Power : 30.5 dBm  
EIRP : 43.8 dBW  
Es/No : 9.5 dB  
Header Compression : DSM-CC  
Timing correction : -377 us (271837 us)  
Frequency correction: 20 Hz

IP DVB 10.148.0.133/32

Pinging 10.144.189.1 with 32 bytes of data:

Reply from 10.144.189.1: bytes=32 time=567ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=562ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=578ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=585ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=610ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=580ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=540ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=563ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=599ms TTL=62  
Reply from 10.144.189.1: bytes=32 time=590ms TTL=62

Ping statistics for 10.144.189.1:

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

Approximate round trip times in milli-seconds:

Minimum = 540ms, Maximum = 610ms, Average = 577ms