



# TERMO DE ACEITE TÉCNICO

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

**Data:** 10/01/2012

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Antonio Gonçalves

**GRE/Prodemge:** Carlos Alberto Silva

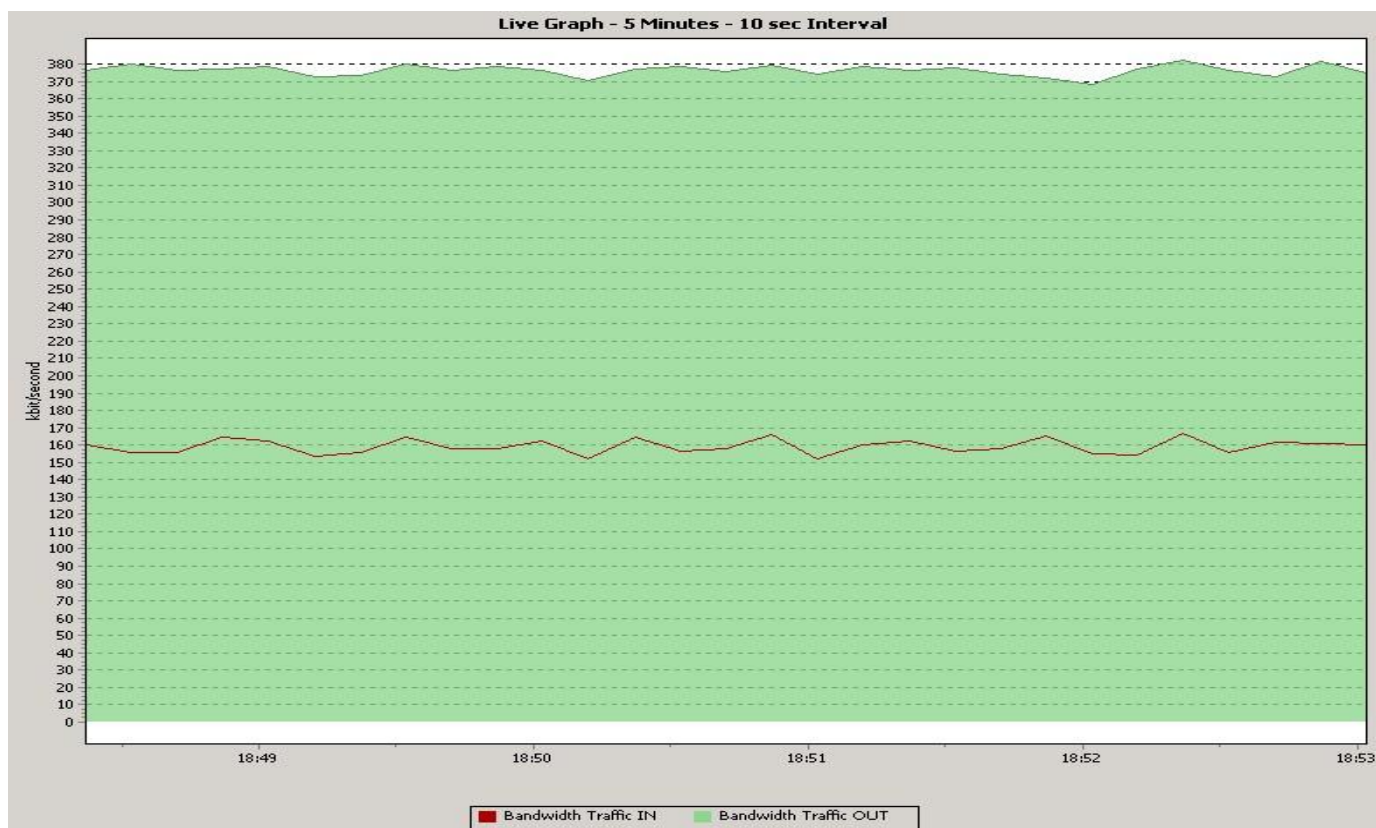
**Responsável/cliente:** Eliana Brandade Martins

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-CAAS-0676

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 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 : 11.584503 GHz  
Symbol Rate : 7.120054 Mbps  
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 : 13.3 dB  
Input Power : -32 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -19 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 : -13.9 dBm  
ODU Output Power : 33.1 dBm  
EIRP : 46.4 dBW  
Es/No : 14.0 dB  
Header Compression : DSM-CC  
Timing correction : -409 us (271037 us)  
Frequency correction: 210 Hz

IP DVB: 10.148.0.21/32

Pinging 10.144.31.1 with 32 bytes of data:

Reply from 10.144.31.1: bytes=32 time=547ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=558ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=579ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=589ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=610ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=588ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=544ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=565ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=543ms TTL=62  
Reply from 10.144.31.1: bytes=32 time=597ms TTL=62

Ping statistics for 10.144.31.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 543ms, Maximum = 610ms, Average = 572ms