



# TERMO DE ACEITE TÉCNICO

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

**Data:** 19/01/2012

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Carlos Santos

**GRE/Prodemge:** Rafael Alves Ferreira

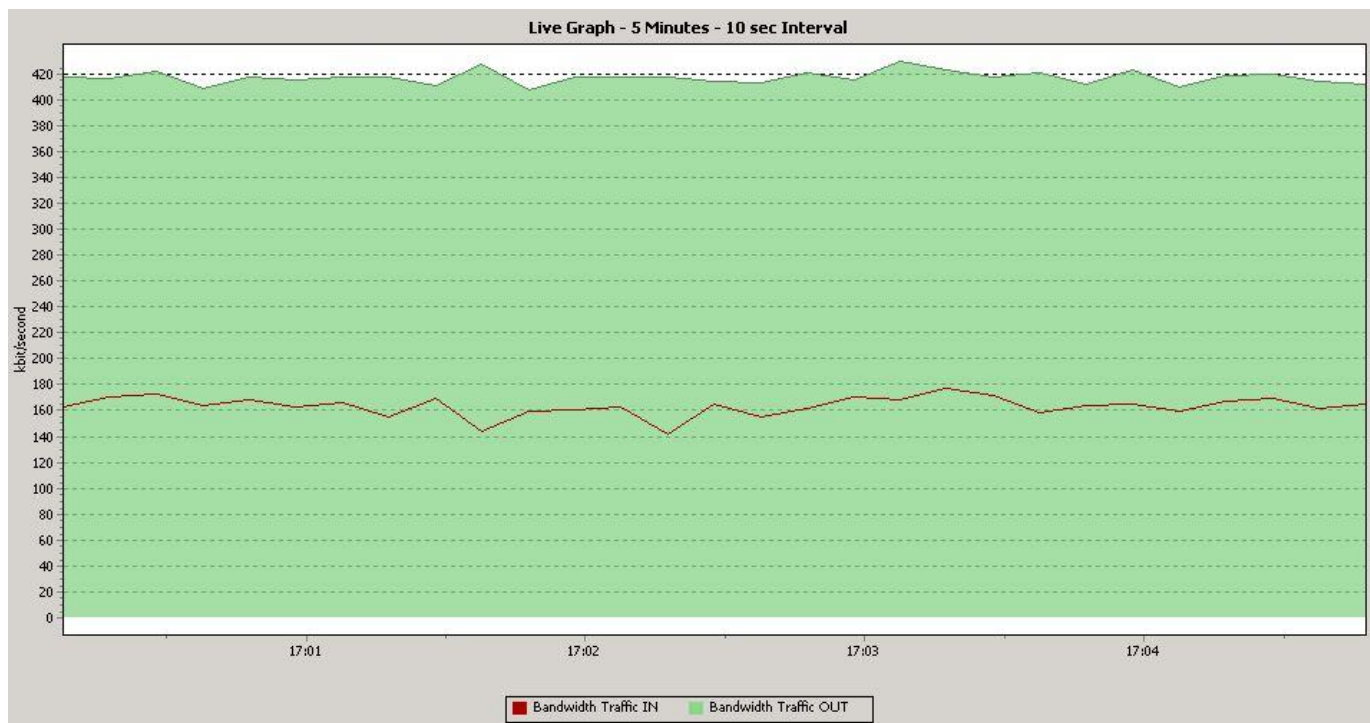
**Responsável/cliente:** Brunielle Felicia da Silva

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-CADA-0670

**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[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 : 11.584003 GHz  
Symbol Rate : 7.119878 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.8 dB  
Input Power : -33 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -11 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 : -18.2 dBm  
ODU Output Power : 33.2 dBm  
EIRP : 46.5 dBW  
Eb/No : 14.0 dB  
Header Compression : DSM-CC  
Timing correction : -468 us (273724 us)  
Frequency correction: 120 Hz

IP DVB 10.148.0.36/32

Pinging 10.144.25.1 with 32 bytes of data:

Reply from 10.144.25.1: bytes=32 time=700ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=612ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=725ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=649ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=582ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=1278ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=670ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=663ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=562ms TTL=61  
Reply from 10.144.25.1: bytes=32 time=676ms TTL=61

Ping statistics for 10.144.25.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 562ms, Maximum = 1278ms, Average = 711ms