



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Marcos Aurélio de Moura

**GRE/Prodemge:** Rafael Alves Ferreira

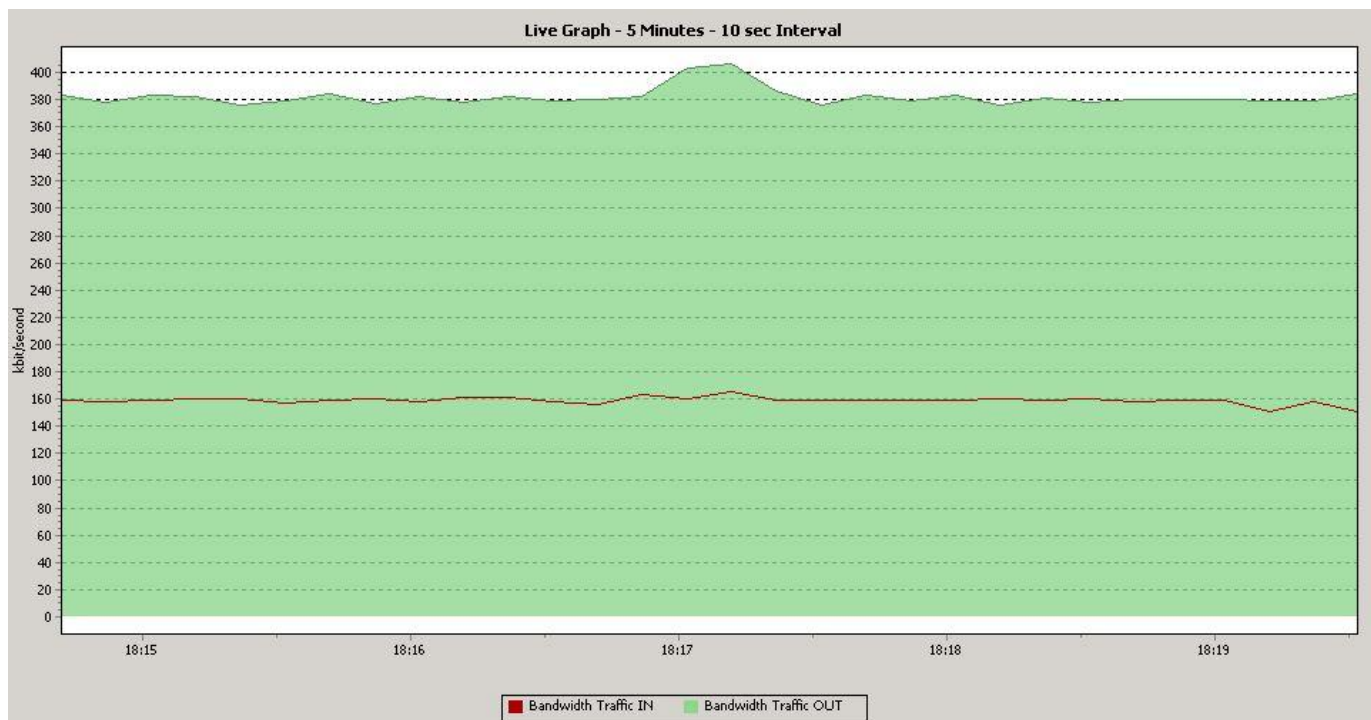
**Responsável/cliente:** Grazielle Coelho e Silva

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-PIDE-3532

**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	13.333000	11.588250	DVB-S2	2	Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588446 GHz  
Symbol Rate : 13.332913 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 : 13.7 dB  
Input Power : -32 dBm

#

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU output power : -13 dBm  
EIRP : max  
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 : -6.6 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Eb/No : 14.0 dB  
Header Compression : DSM-CC  
Timing correction : -63 us (261268 us)  
Frequency correction: -170 Hz

IP DVB 10.148.1.11/32

Pinging 10.145.170.1 with 32 bytes of data:

Reply from 10.145.170.1: bytes=32 time=546ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=616ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=538ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=558ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=569ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=862ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=600ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=556ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=543ms TTL=62  
Reply from 10.145.170.1: bytes=32 time=554ms TTL=62

Ping statistics for 10.145.170.1:

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

Approximate round trip times in milli-seconds:

Minimum = 538ms, Maximum = 862ms, Average = 594ms