



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Fabio Passoni

**GRE/Prodemge:** Márlu da Silva Santos

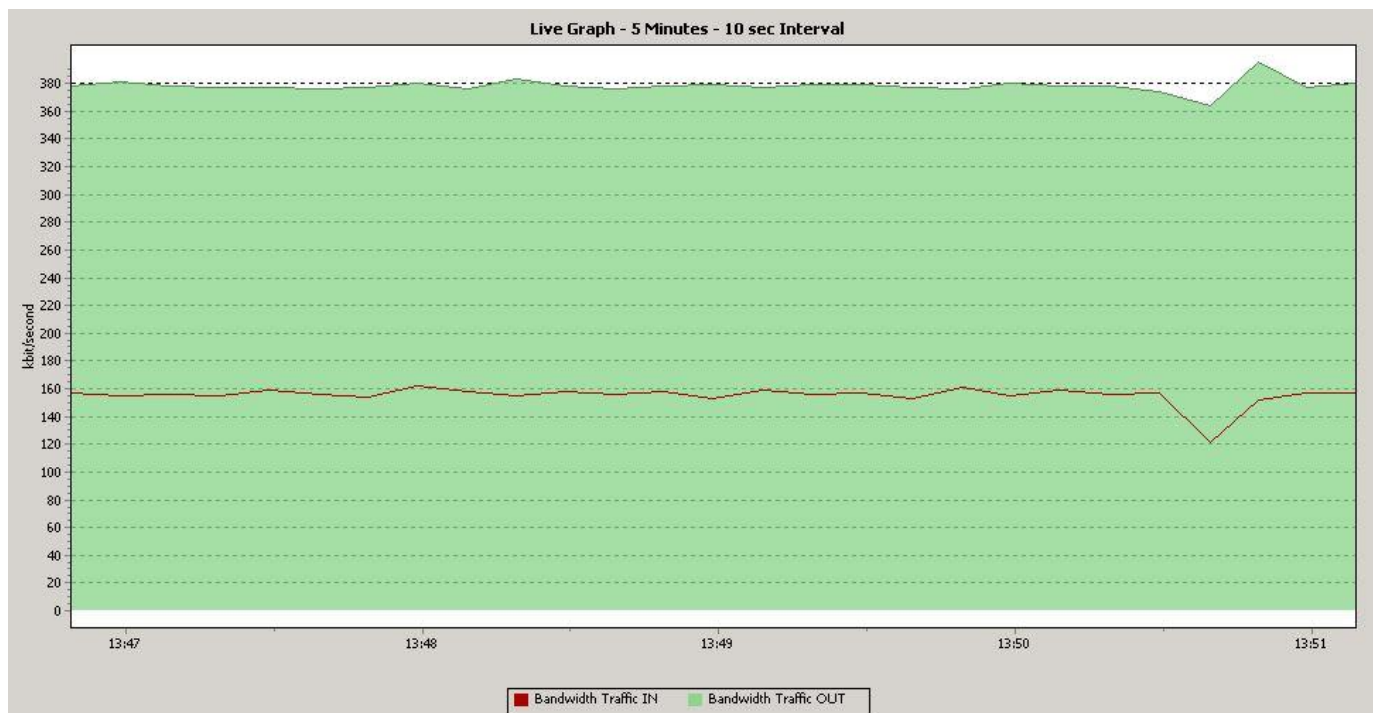
**Responsável/cliente:** Isis Prock Nani

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-LENA-4070

**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[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	13.333000	11.588250	DVB-S2	2	Yes
1	1	0.000000	0.000000	DVB-S2	2	Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588326 GHz  
Symbol Rate : 13.333141 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 14 8PSK-3/4  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 11.7 dB  
Input Power : -29 dBm

#

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -16 dBm  
IDU max output power: 0.0 dBm  
EIRP : max  
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 : -12.8 dBm  
ODU Output Power : 34.9 dBm  
EIRP : 48.2 dBW  
Es/No : 12.0 dB  
Header Compression : DSM-CC  
Timing correction : -132 us (260682 us)  
Frequency correction: -130 Hz

IP DVB 10.148.2.193/32

Pinging 10.147.58.1 with 32 bytes of data:

Reply from 10.147.58.1: bytes=32 time=526ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=627ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=646ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=529ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=581ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=596ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=543ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=535ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=551ms TTL=62  
Reply from 10.147.58.1: bytes=32 time=567ms TTL=62

Ping statistics for 10.147.58.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 526ms, Maximum = 646ms, Average = 570ms