



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Leandro Gomes Pereira

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

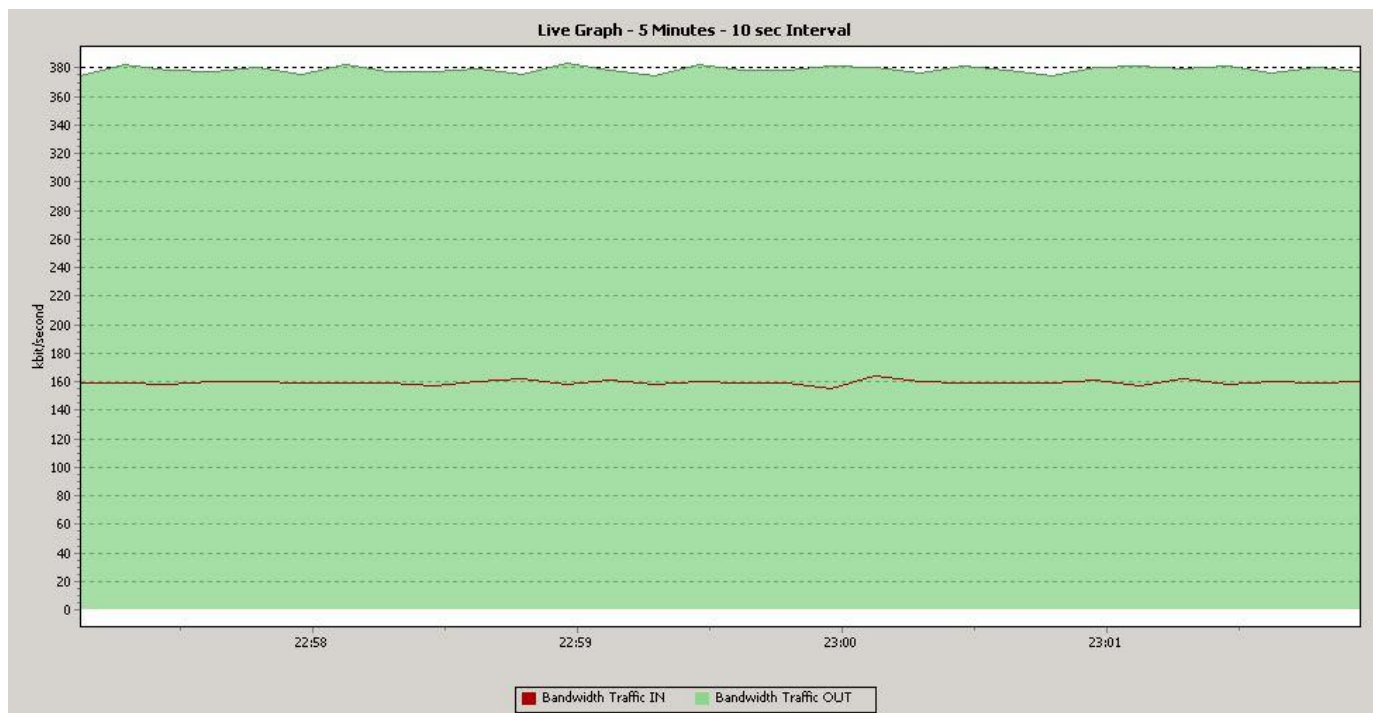
**Responsável/cliente:** Aline de Sousa Marques

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-PROS-3536

**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 : 11.588763 GHz  
Symbol Rate : 13.332857 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 12.7 dB  
Input Power : -29 dBm

#

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -24 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 : -19.5 dBm  
ODU Output Power : 35.3 dBm  
EIRP : 48.6 dBW  
Es/No : 11.0 dB  
Header Compression : DSM-CC  
Timing correction : 113 us (261131 us)  
Frequency correction: -160 Hz

IP DVB 10.18.1.48/32

Pinging 10.145.174.1 with 32 bytes of data:

Reply from 10.145.174.1: bytes=32 time=568ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=578ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=599ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=610ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=533ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=553ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=564ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=584ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=563ms TTL=62  
Reply from 10.145.174.1: bytes=32 time=616ms TTL=62

Ping statistics for 10.145.174.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 533ms, Maximum = 616ms, Average = 576ms