



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Jefferson de Souza Marques

**Operadora/Cliente:** Fabio Passoni

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

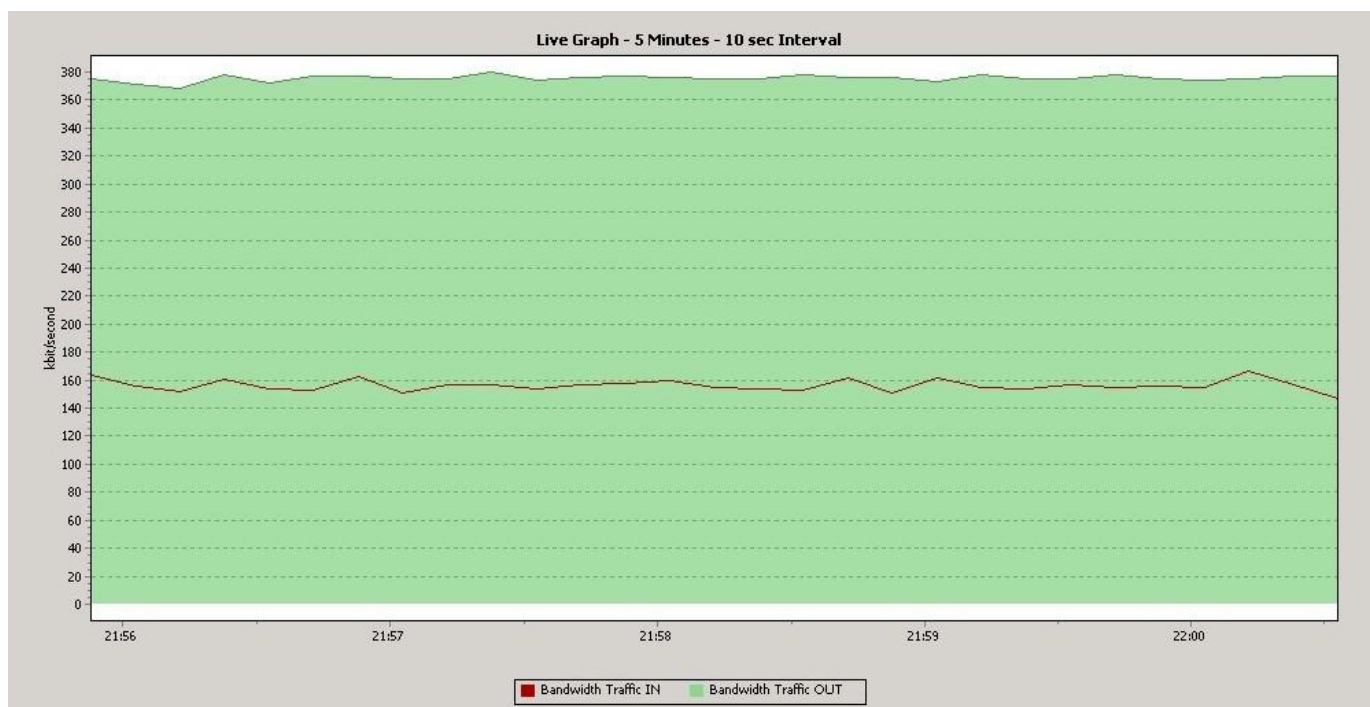
**Responsável/cliente:** Tamara Mesquita Assunção

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-GUES-3757

**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

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588515 GHz  
Symbol Rate : 13.332919 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 : 12.6 dB  
Input Power : -25 dBm

```
#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU output power     : -21 dBm
IDU max output power : 0.0 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     : -16.7 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : 125 us (260020 us)
Frequency correction : -140 Hz
```

```
IP DVB 10.148.1.204/32
```

```
Pinging 10.146.93.1 with 32 bytes of data:
Reply from 10.146.93.1: bytes=32 time=533ms TTL=61
Reply from 10.146.93.1: bytes=32 time=640ms TTL=61
Reply from 10.146.93.1: bytes=32 time=744ms TTL=61
Reply from 10.146.93.1: bytes=32 time=671ms TTL=61
Reply from 10.146.93.1: bytes=32 time=595ms TTL=61
Reply from 10.146.93.1: bytes=32 time=699ms TTL=61
Reply from 10.146.93.1: bytes=32 time=626ms TTL=61
Reply from 10.146.93.1: bytes=32 time=546ms TTL=61
Reply from 10.146.93.1: bytes=32 time=659ms TTL=61
Reply from 10.146.93.1: bytes=32 time=582ms TTL=61
Ping statistics for 10.146.93.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 533ms, Maximum = 744ms, Average = 629ms
```