



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Arnaldo Kleom de Almeida

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

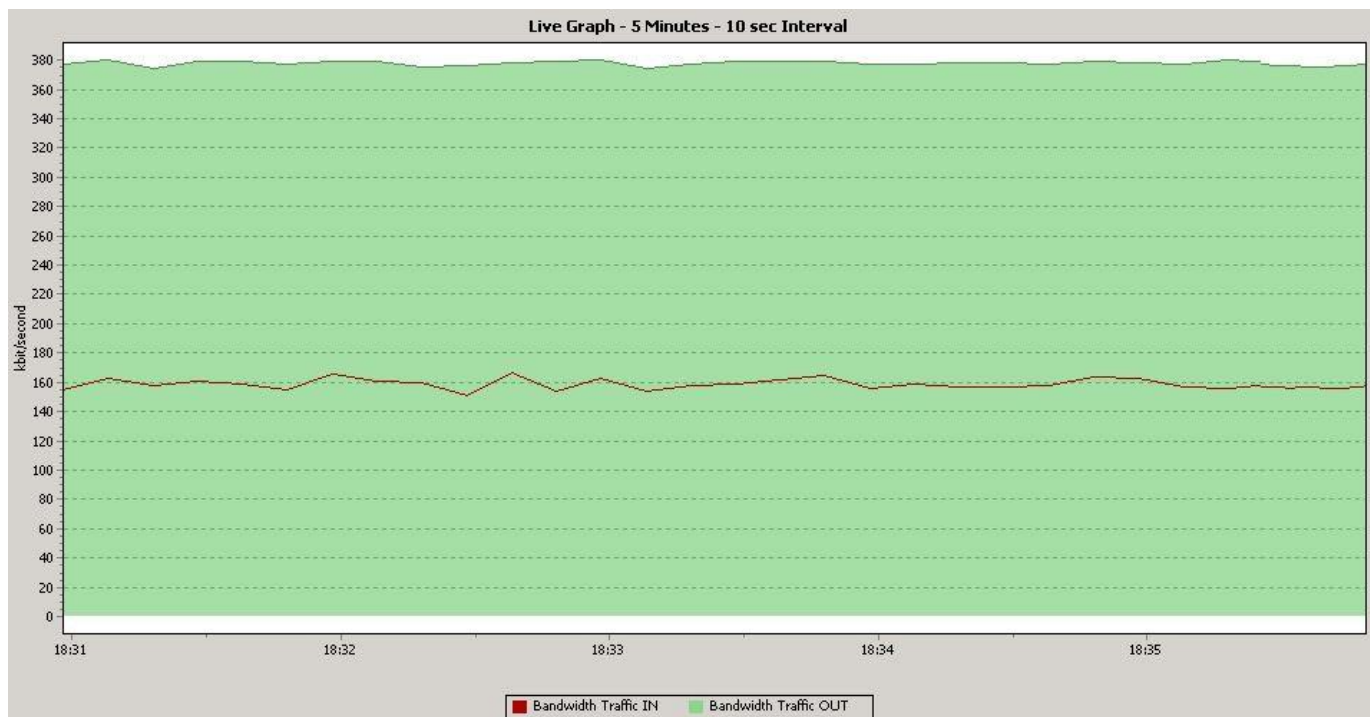
**Responsável/cliente:** Josiane de Aparecida de Souza Moura

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MAFE-4010

**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	No

## Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588481 GHz  
Symbol Rate : 13.332913 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 : 12.1 dB  
Input Power : -36 dBm

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#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -16 dBm
IDU max output power : 0.0 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -15.2 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : 44 us (261990 us)
Frequency correction : 90 Hz

IP DVB 10.148.2.189/32

Pinging 10.147.223.1 with 32 bytes of data:

Reply from 10.147.223.1: bytes=32 time=582ms TTL=62
Reply from 10.147.223.1: bytes=32 time=533ms TTL=62
Reply from 10.147.223.1: bytes=32 time=612ms TTL=62
Reply from 10.147.223.1: bytes=32 time=535ms TTL=62
Reply from 10.147.223.1: bytes=32 time=556ms TTL=62
Reply from 10.147.223.1: bytes=32 time=567ms TTL=62
Reply from 10.147.223.1: bytes=32 time=588ms TTL=62
Reply from 10.147.223.1: bytes=32 time=599ms TTL=62
Reply from 10.147.223.1: bytes=32 time=619ms TTL=62
Reply from 10.147.223.1: bytes=32 time=542ms TTL=62

Ping statistics for 10.147.223.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 533ms, Maximum = 619ms, Average = 573ms
```