



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Warlen Gonçalves de Souza

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

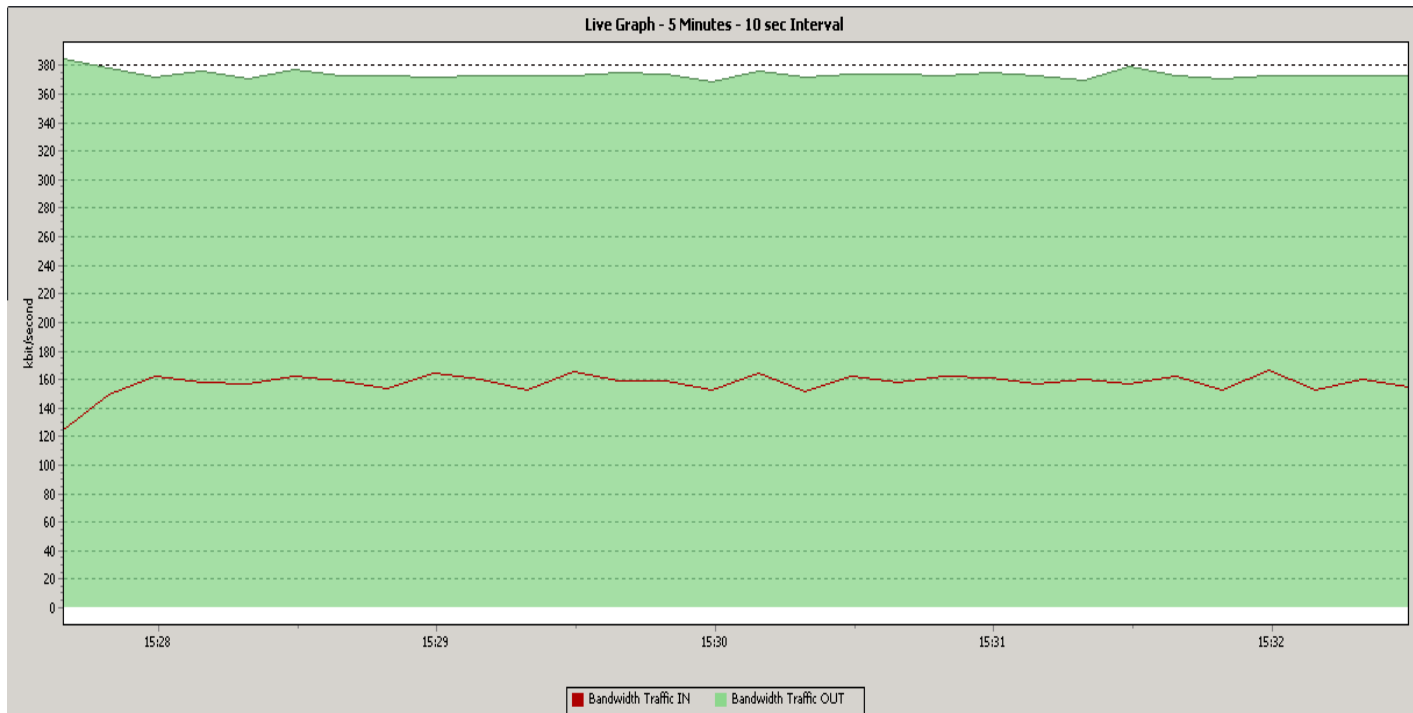
**Responsável/cliente:** Sonia Martins de Oliveira Faria

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-CARO-0856

**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[Mbps]	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 : 11.588570 GHz  
Symbol Rate : 13.332952 Msps  
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 : 13.2 dB  
Input Power : -32 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -19 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 : -15.6 dBm  
ODU Output Power : 33.6 dBm  
EIRP : 46.9 dBW  
Eb/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : -135 us (261970 us)  
Frequency correction: -130 Hz

IP DVB: 10.148.1.173/32

Pinging 10.144.175.1 with 32 bytes of data:

Reply from 10.144.175.1: bytes=32 time=575ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=627ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=551ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=595ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=582ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=592ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=549ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=591ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=547ms TTL=62  
Reply from 10.144.175.1: bytes=32 time=568ms TTL=62

Ping statistics for 10.144.175.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 547ms, Maximum = 627ms, Average = 577ms