



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Erminio Alves Ribeiro Junior

**Operadora/Cliente:** Arthuro Araujo

**GRE/Prodemge:** Aguinaldo de Matos

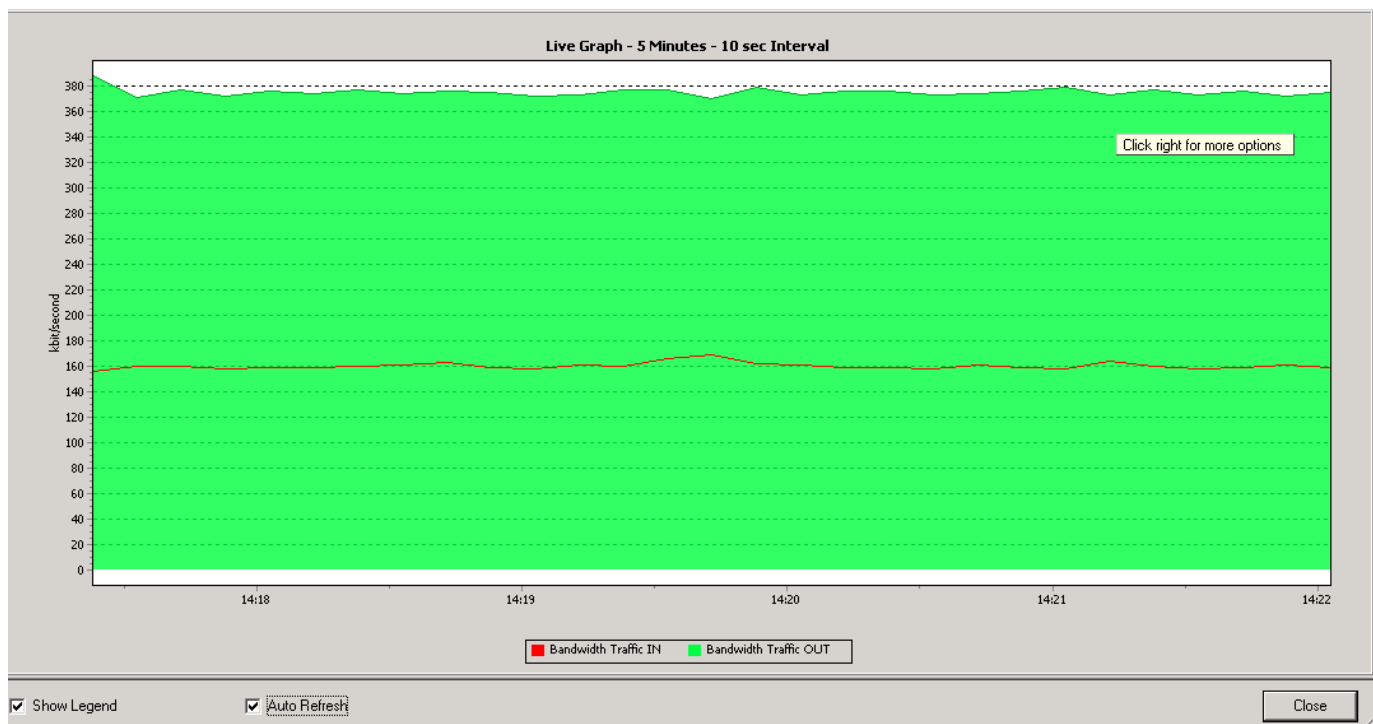
**Responsável/cliente:** Márcia Maria Silva Neves

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MACU-6055

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

Auto start : Enabled  
IDU Output Power : -30 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : max  
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 : -17.1 dBm  
ODU Output Power : 33.7 dBm  
EIRP : 47.0 dBW  
Es/No : 10.5 dB  
Header Compression : DSM-CC  
Timing correction : 18 us (251433 us)  
Frequency correction: -140 Hz

# Satellite (DVB) RX Configuration

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Auto start : Enabled  
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 dB)  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	3	Yes
1	1	0.000000	0.000000	DVB-S2	2	No

# Satellite (DVB) Receiver Status

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Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606253 GHz  
Symbol Rate : 44.999653 Msps  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 14 8PSK-3/4  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 10.6 dB  
Input Power : -26 dBm

# IP DVB 10.148.6.223 /32

Pinging 10.175.14.1 with 32 bytes of data:

Reply from 10.175.14.1: bytes=32 time=1894ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=549ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=551ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=564ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=569ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=578ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=583ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=592ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=597ms TTL=62  
Reply from 10.175.14.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.175.14.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 549ms, Maximum = 1894ms, Average = 708ms