



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Airtón Gabriel do Nascimento Moro

**GRE/Prodemge:** Rafael Alves Alves

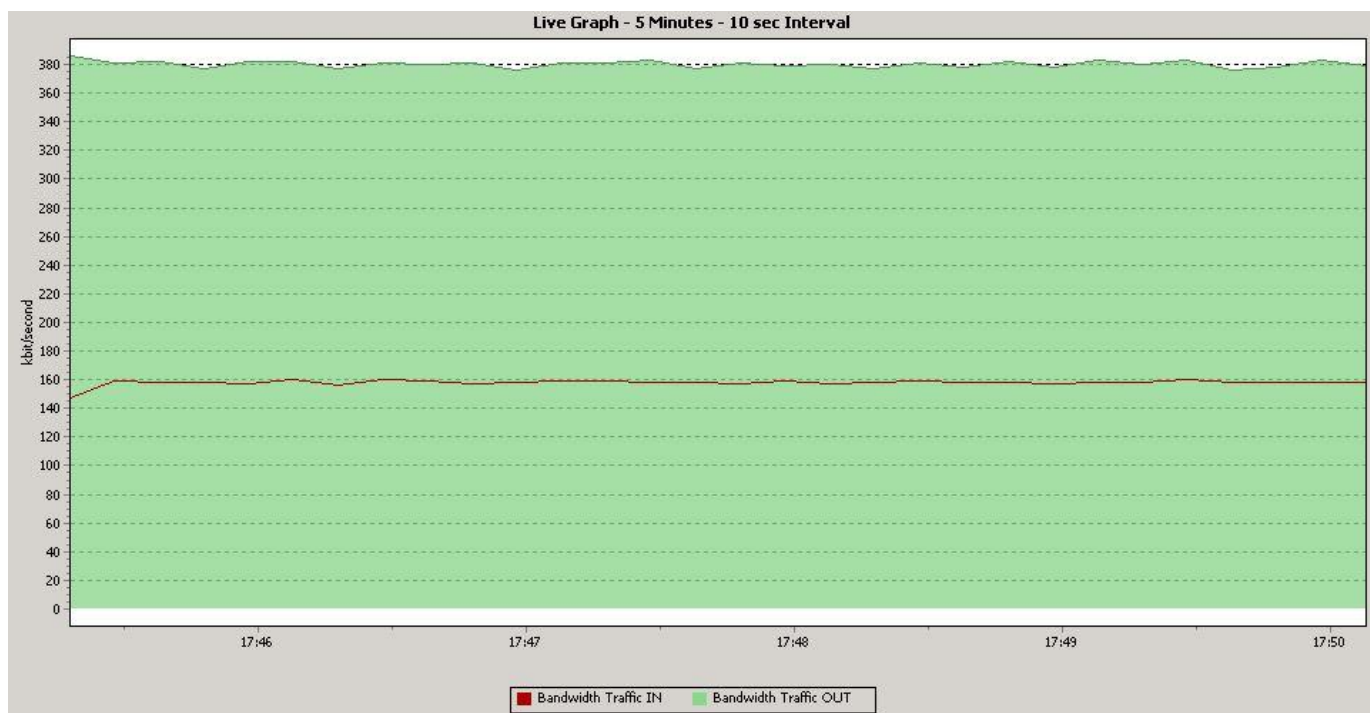
**Responsável/cliente:** Luiara Bartira Vanzelotti

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-COES-3497

**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[Mbps]	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 : 11.588587 GHz  
Symbol Rate : 13.333001 Mbps  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 14 8PSK-3/4  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 11.2 dB  
Input Power : -28 dBm

#

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -11 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 : -16.0 dBm  
ODU Output Power : 35.2 dBm  
EIRP : 48.5 dBW  
Es/No : 11.0 dB  
Header Compression : DSM-CC  
Timing correction : -22 us (261104 us)  
Frequency correction: -90 Hz

IP DVB 10.148.1.32/32

Pinging 10.145.149.1 with 32 bytes of data:

Reply from 10.145.149.1: bytes=32 time=590ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=568ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=621ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=544ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=583ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=575ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=586ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=538ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=530ms TTL=62  
Reply from 10.145.149.1: bytes=32 time=541ms TTL=62

Ping statistics for 10.145.149.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 530ms, Maximum = 621ms, Average = 567ms