



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Marcos Antonio

**GRE/Prodemge:** Aguinaldo de Matos

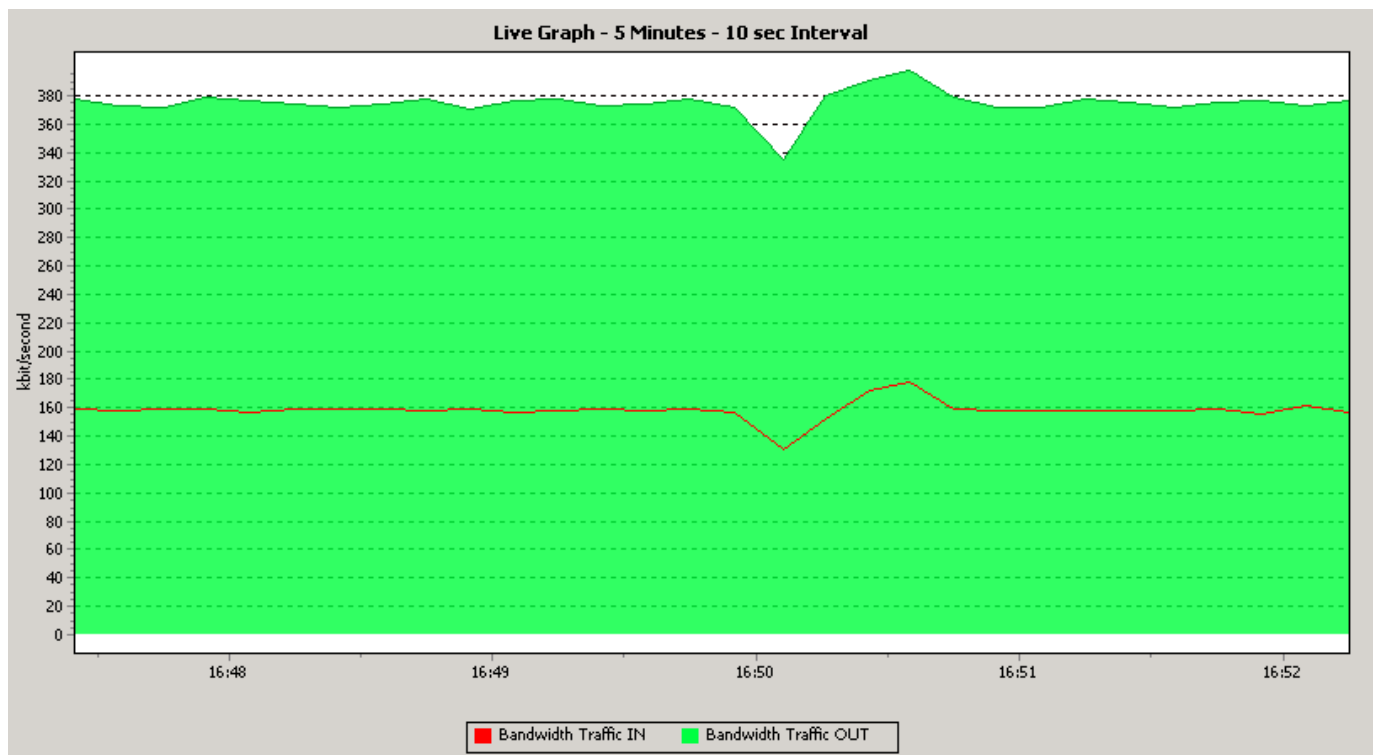
**Responsável/cliente:** Vanessa Caetano

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-TENI-3700

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

Auto start : Disabled  
IDU Output Power : -11 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 28.7 dBm  
EIRP : 42.0 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 : -15.9 dBm  
ODU Output Power : 34.5 dBm  
EIRP : 47.8 dBW  
Es/No : 10.5 dB  
Header Compression : DSM-CC  
Timing correction : -18 us (250649 us)  
Frequency correction: -250 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	2	Yes
1	1	0.000000	0.000000	DVB-S2	2	Yes

# Satellite (DVB) Receiver Status

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Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606464 GHz  
Symbol Rate : 44.999822 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 : 11.0 dB  
Input Power : -26 dBm

IP DVB 10.148.7.15

Pinging 10.146.56.1 with 32 bytes of data:

Reply from 10.146.56.1: bytes=32 time=2373ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=555ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=654ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=562ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=668ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=584ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=684ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=599ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=521ms TTL=62  
Reply from 10.146.56.1: bytes=32 time=613ms TTL=62

Ping statistics for 10.146.56.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 521ms, Maximum = 2373ms, Average = 781ms