



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Erickson Aparecido

**GRE/Prodemge:** Aguinaldo de Matos

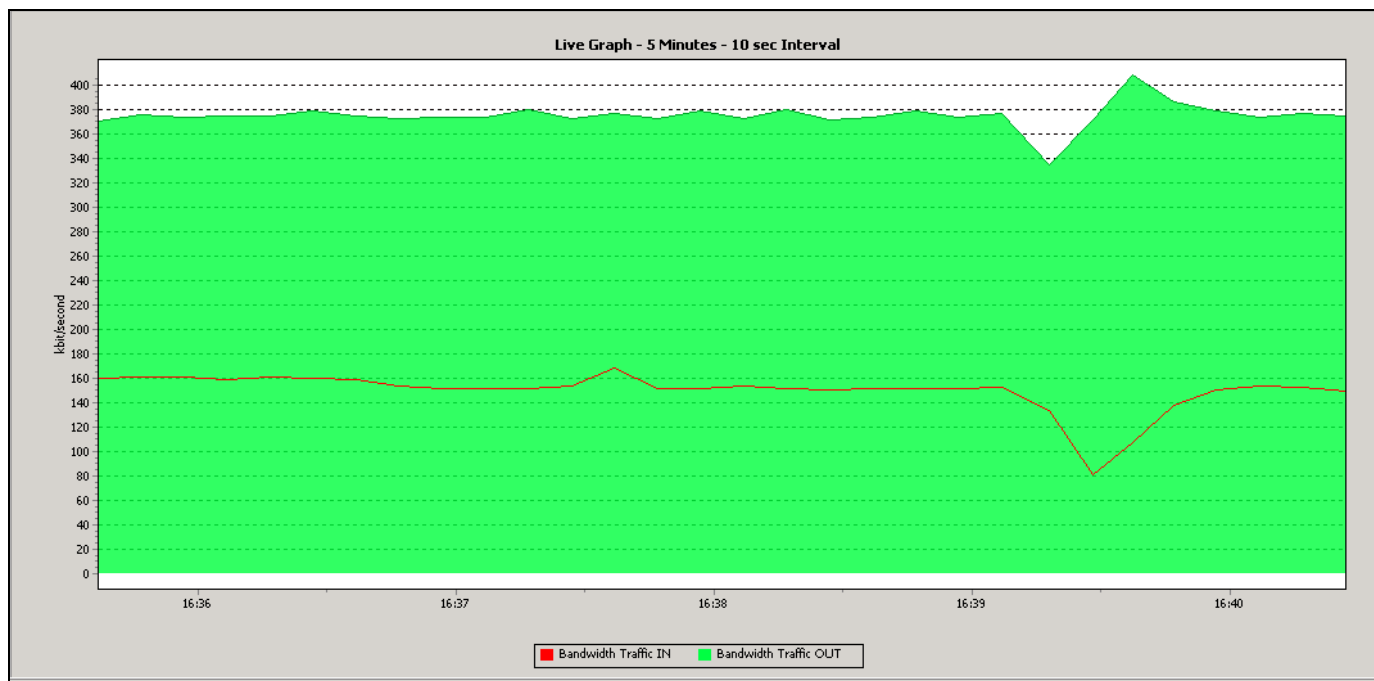
**Responsável/cliente:** Sizeli Maria dos Reis

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-URAS-4648

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
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 : -22.4 dBm  
ODU Output Power : 28.2 dBm  
EIRP : 41.5 dBW  
Es/No : 8.5 dB  
Header Compression : DSM-CC  
Timing correction : -71 us (252261 us)  
Frequency correction: 180 Hz

# Satellite (DVB) RX Configuration

-----  
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

-----  
Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606359 GHz  
Symbol Rate : 44.999260 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 : 12.0 dB  
Input Power : -31 dBm

IP DVB 10.148.7.137/32

Pinging 10.173.36.1 with 32 bytes of data:

Reply from 10.173.36.1: bytes=32 time=2954ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=549ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=551ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=564ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=538ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=578ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=579ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=591ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=566ms TTL=62  
Reply from 10.173.36.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.173.36.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 538ms, Maximum = 2954ms, Average = 807ms