



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Alvaro

**GRE/Prodemge:** Aguinaldo de Matos

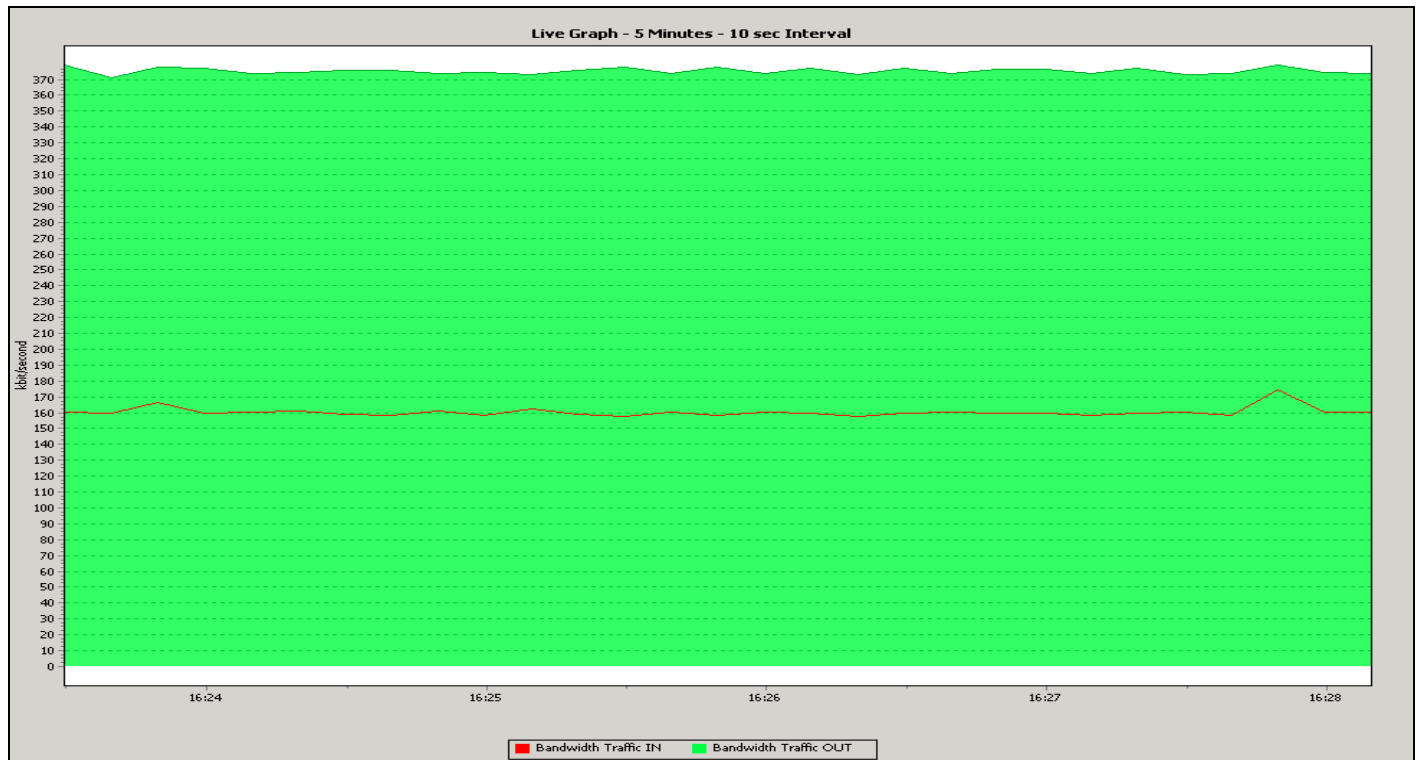
**Responsável/cliente:** Marli Fernandes

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-DUDE-5519

**Porta kbps**  
384/153

**Plataforma**  
VSAT



## Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -22 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 : -17.5 dBm  
ODU Output Power : 34.3 dBm  
EIRP : 47.6 dBW  
Es/No : 10.5 dB  
Header Compression : DSM-CC  
Timing correction : 83 us (251293 us)  
Frequency correction: 330 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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	3	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 : 11.606321 GHz  
Symbol Rate : 44.999533 Mbps  
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 : 11.3 dB  
Input Power : -22 dBm

# IP DVB 10.148.7.128/32

Pinging 10.174.180.1 with 32 bytes of data:

Reply from 10.174.180.1: bytes=32 time=2570ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=549ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=551ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=564ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=566ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=578ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=580ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=592ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=595ms TTL=62  
Reply from 10.174.180.1: bytes=32 time=608ms TTL=62

Ping statistics for 10.174.180.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss)

Approximate round trip times in milli-seconds:

Minimum = 549ms, Maximum = 2570ms, Average = 775ms