



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Bruno Resston Moreira

**Operadora/Cliente:** Leonardo Batista de Araújo Silva

**GRE/Prodemge:** Rafael Alves Ferreira

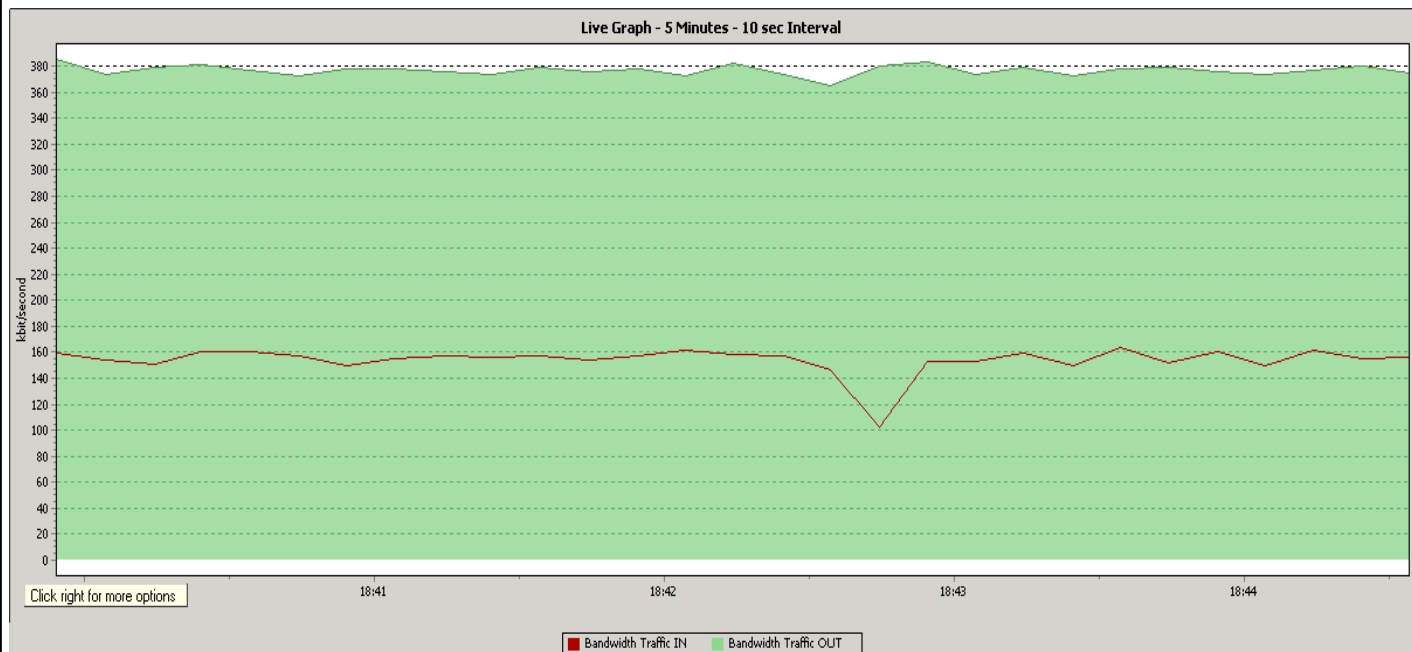
**Responsável/cliente:** Wivian Cristiane de Arruda

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-BANA-3625

**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	No

## Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588575 GHz  
Symbol Rate : 13.333006 Mbps  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.8 dB  
Input Power : -30 dBm

# Satellite (DVB) TX Configuration

-----  
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

-----  
State : On (TDMA)  
IDU Output Power : -21.6 dBm  
ODU Output Power : 35.8 dBm  
EIRP : 49.1 dBW  
Es/No : 15.0 dB  
Header Compression : DSM-CC  
Timing correction : -19 us (261040 us)  
Frequency correction: -160 Hz

IP DVB: 10.148.1.54/32

Pinging 10.145.213.1 with 32 bytes of data:

Reply from 10.145.213.1: bytes=32 time=601ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=612ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=569ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=555ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=566ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=586ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=565ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=1227ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=534ms TTL=62  
Reply from 10.145.213.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.145.213.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 534ms, Maximum = 1227ms, Average = 642ms