



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Jefferson de Souza Marques

**Operadora/Cliente:** Danila Batista

**GRE/Prodemge:** Marlu da Silva Santos

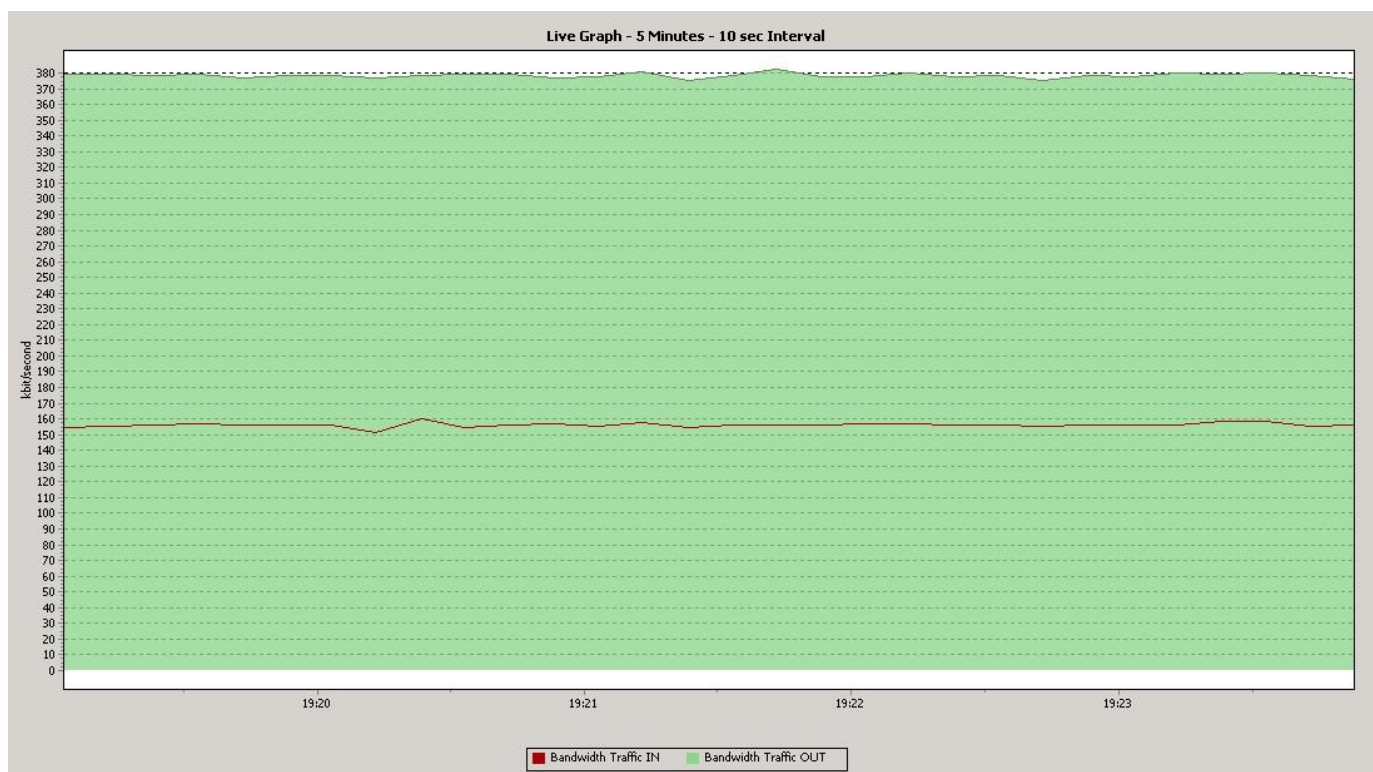
**Responsável/cliente:** Jair de Oliveira

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-BANA-3612

**Porta kbps**  
384/153

**Plataforma**  
VSAT



```
#
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[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	13.333300	11.588250	DVB-S2	2	Yes

```
Satellite (DVB) Receiver Status
-----
Rx State              : On
DVB State             : Forward link up
Network               : 65281, Prodemge@Vodanet
Frequency             : 11.588946 GHz
Symbol Rate           : 13.333266 Msp/s
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max         : 15   8PSK-5/6
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 12.8 dB
Input Power           : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -20.6 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 10.5 dB
Header Compression   : DSM-CC
Timing correction    : 19 us (261052 us)
Frequency correction : 20 Hz
#

IP DVB 10.148.1.64/32

Pinging 10.145.236.1 with 32 bytes of data:

Reply from 10.145.236.1: bytes=32 time=558ms TTL=62
Reply from 10.145.236.1: bytes=32 time=1220ms TTL=62
Reply from 10.145.236.1: bytes=32 time=553ms TTL=62
Reply from 10.145.236.1: bytes=32 time=564ms TTL=62
Reply from 10.145.236.1: bytes=32 time=585ms TTL=62
Reply from 10.145.236.1: bytes=32 time=564ms TTL=62
Reply from 10.145.236.1: bytes=32 time=617ms TTL=62
Reply from 10.145.236.1: bytes=32 time=540ms TTL=62
Reply from 10.145.236.1: bytes=32 time=579ms TTL=62
Reply from 10.145.236.1: bytes=32 time=571ms TTL=62

Ping statistics for 10.145.236.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 540ms, Maximum = 1220ms, Average = 635ms
```