



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Igor Roberto Jorge

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

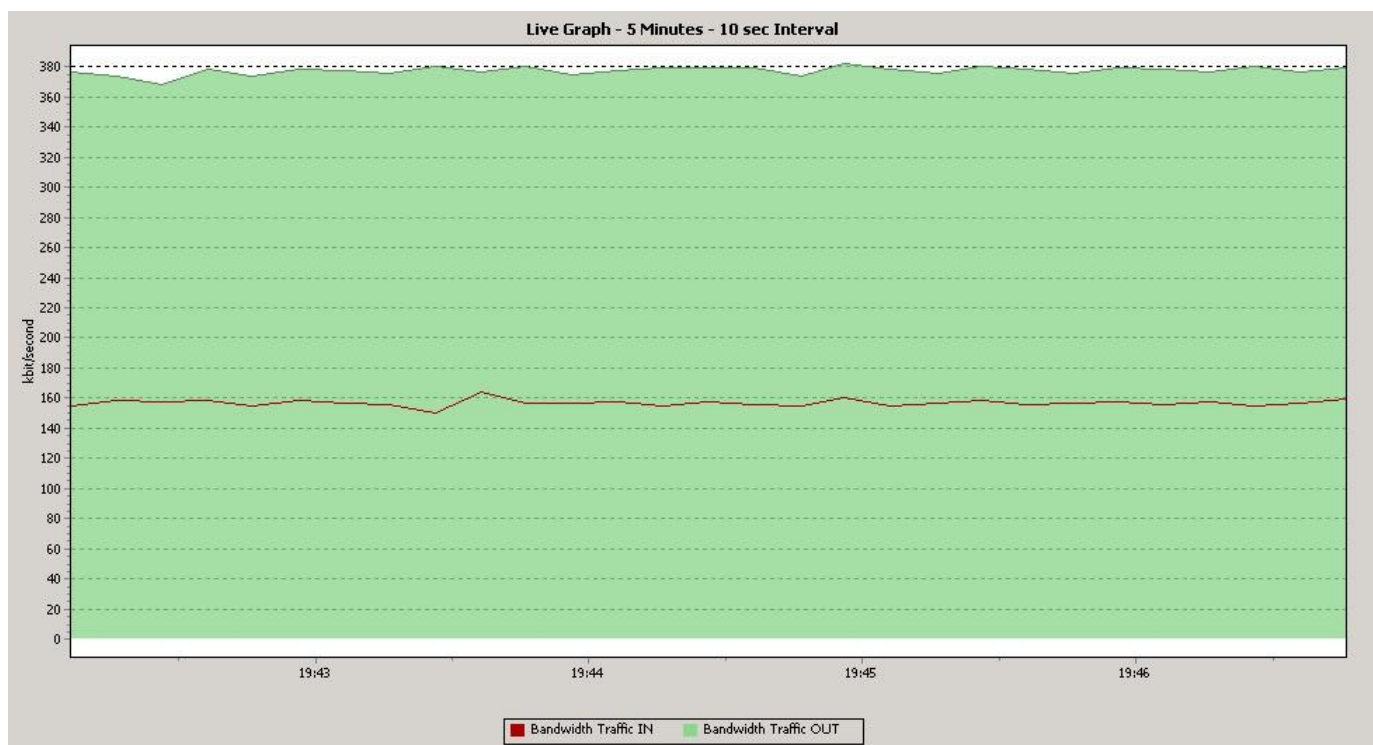
**Responsável/cliente:** Paulo Daniel

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-JABA-3560

**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

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 65281, Prodemge@Vodanet
Frequency            : 11.588256 GHz
Symbol Rate          : 13.332898 Msps
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                   : 12.3 dB
Input Power          : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -20 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     : -16.7 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : 44 us (259625 us)
Frequency correction : -60 Hz
```

IP DVB 10.148.2.52/32

Pinging 10.146.4.1 with 32 bytes of data:

```
Reply from 10.146.4.1: bytes=32 time=547ms TTL=62
Reply from 10.146.4.1: bytes=32 time=559ms TTL=62
Reply from 10.146.4.1: bytes=32 time=580ms TTL=62
Reply from 10.146.4.1: bytes=32 time=558ms TTL=62
Reply from 10.146.4.1: bytes=32 time=611ms TTL=62
Reply from 10.146.4.1: bytes=32 time=621ms TTL=62
Reply from 10.146.4.1: bytes=32 time=572ms TTL=62
Reply from 10.146.4.1: bytes=32 time=565ms TTL=62
Reply from 10.146.4.1: bytes=32 time=576ms TTL=62
Reply from 10.146.4.1: bytes=32 time=596ms TTL=62
```

```
Ping statistics for 10.146.4.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 547ms, Maximum = 621ms, Average = 578ms
```