



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Marcos Antonio de Oliveira

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

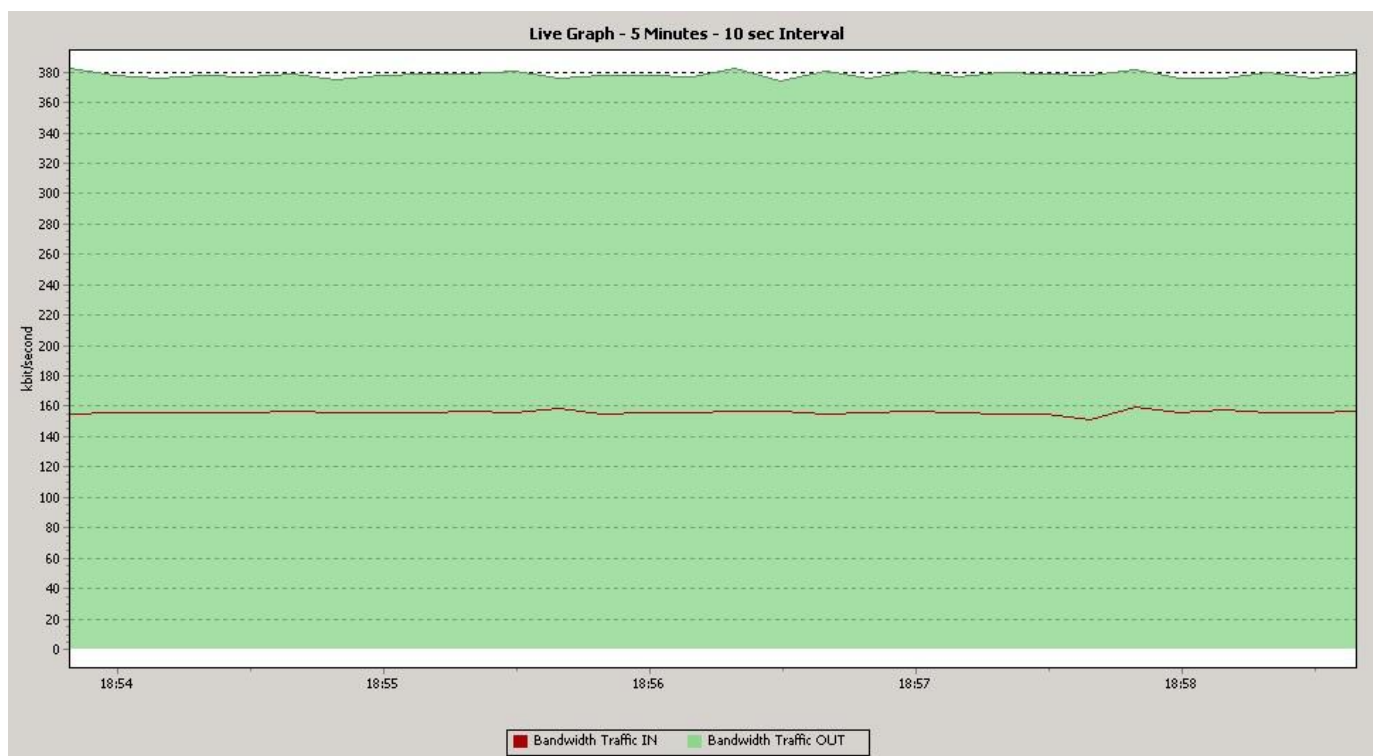
**Responsável/cliente:** Eduardo Barbosa Lima

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-TENI-3688

**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	13.333000	11.588250	DVB-S2	2	Yes

```
Satellite (DVB) Receiver Status
-----
```

```
Rx State              : On
DVB State              : Forward link up
Network                : 65281, Prodemge@Vodanet
Frequency              : 11.588518 GHz
Symbol Rate            : 13.333117 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                    : 12.3 dB
Input Power            : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -19.8 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 11.5 dB
Header Compression   : DSM-CC
Timing correction    : -17 us (259334 us)
Frequency correction : -110 Hz
#
```

```
IP DVB 10.148.1.73/32
```

```
Pinging 10.146.77.1 with 32 bytes of data:
```

```
Reply from 10.146.77.1: bytes=32 time=559ms TTL=62
Reply from 10.146.77.1: bytes=32 time=570ms TTL=62
Reply from 10.146.77.1: bytes=32 time=590ms TTL=62
Reply from 10.146.77.1: bytes=32 time=568ms TTL=62
Reply from 10.146.77.1: bytes=32 time=524ms TTL=62
Reply from 10.146.77.1: bytes=32 time=544ms TTL=62
Reply from 10.146.77.1: bytes=32 time=554ms TTL=62
Reply from 10.146.77.1: bytes=32 time=575ms TTL=62
Reply from 10.146.77.1: bytes=32 time=585ms TTL=62
Reply from 10.146.77.1: bytes=32 time=606ms TTL=62
```

```
Ping statistics for 10.146.77.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 524ms, Maximum = 606ms, Average = 567ms
```