



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Ed Carlos dos Santos Carvalho

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

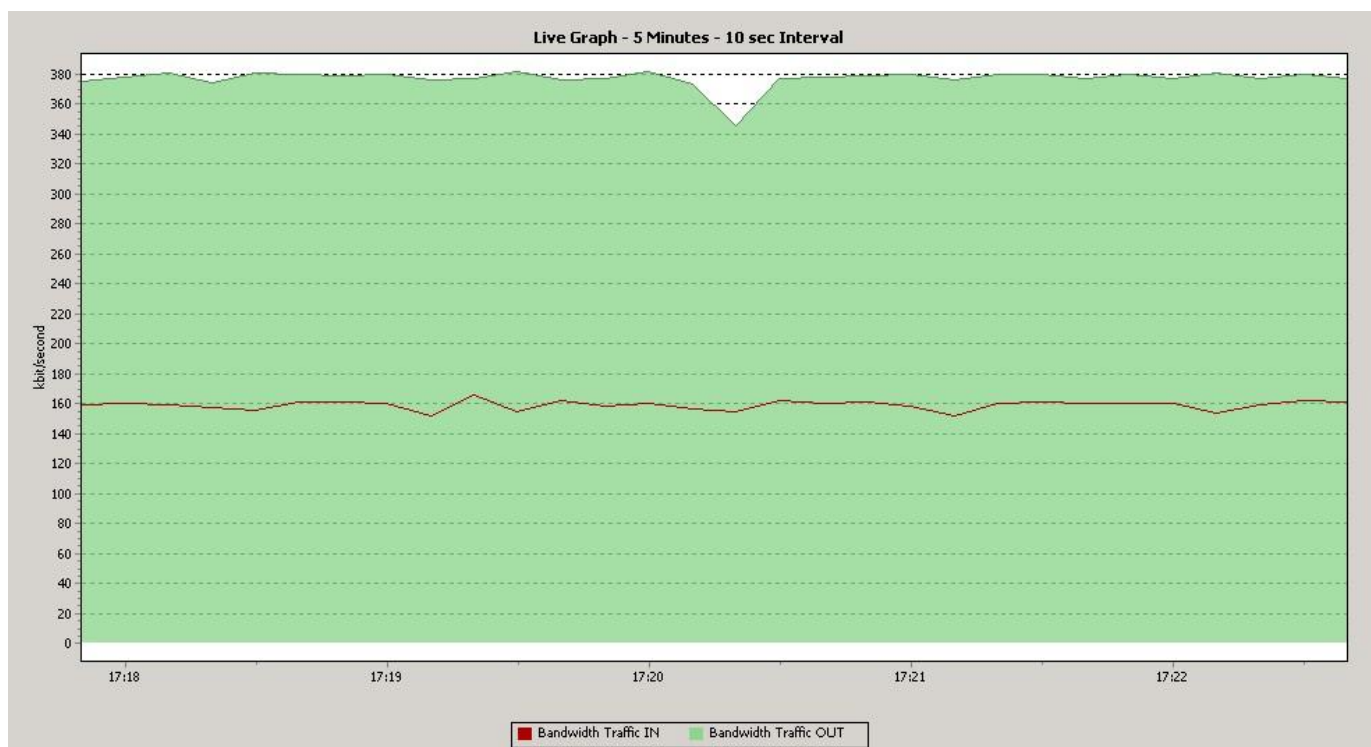
**Responsável/cliente:** Simone Maria Gomes

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-OUTO-4040

**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            : 11.588264 GHz
Symbol Rate          : 13.332813 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                   : 13.6 dB
Input Power          : -32 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -18 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     : -12.2 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -18 us (260756 us)
Frequency correction : 20 Hz
```

```
IP DVB 10.148.2.68/32
```

```
Pinging 10.147.37.1 with 32 bytes of data:
```

```
Reply from 10.147.37.1: bytes=32 time=618ms TTL=62
Reply from 10.147.37.1: bytes=32 time=541ms TTL=62
Reply from 10.147.37.1: bytes=32 time=561ms TTL=62
Reply from 10.147.37.1: bytes=32 time=572ms TTL=62
Reply from 10.147.37.1: bytes=32 time=528ms TTL=62
Reply from 10.147.37.1: bytes=32 time=602ms TTL=62
Reply from 10.147.37.1: bytes=32 time=624ms TTL=62
Reply from 10.147.37.1: bytes=32 time=546ms TTL=62
Reply from 10.147.37.1: bytes=32 time=554ms TTL=62
Reply from 10.147.37.1: bytes=32 time=575ms TTL=62
```

```
Ping statistics for 10.147.37.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 624ms, Average = 572ms
```