



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Walter Leandro Arcanjo

**GRE/Prodemge:** Rafael Alves Ferreira

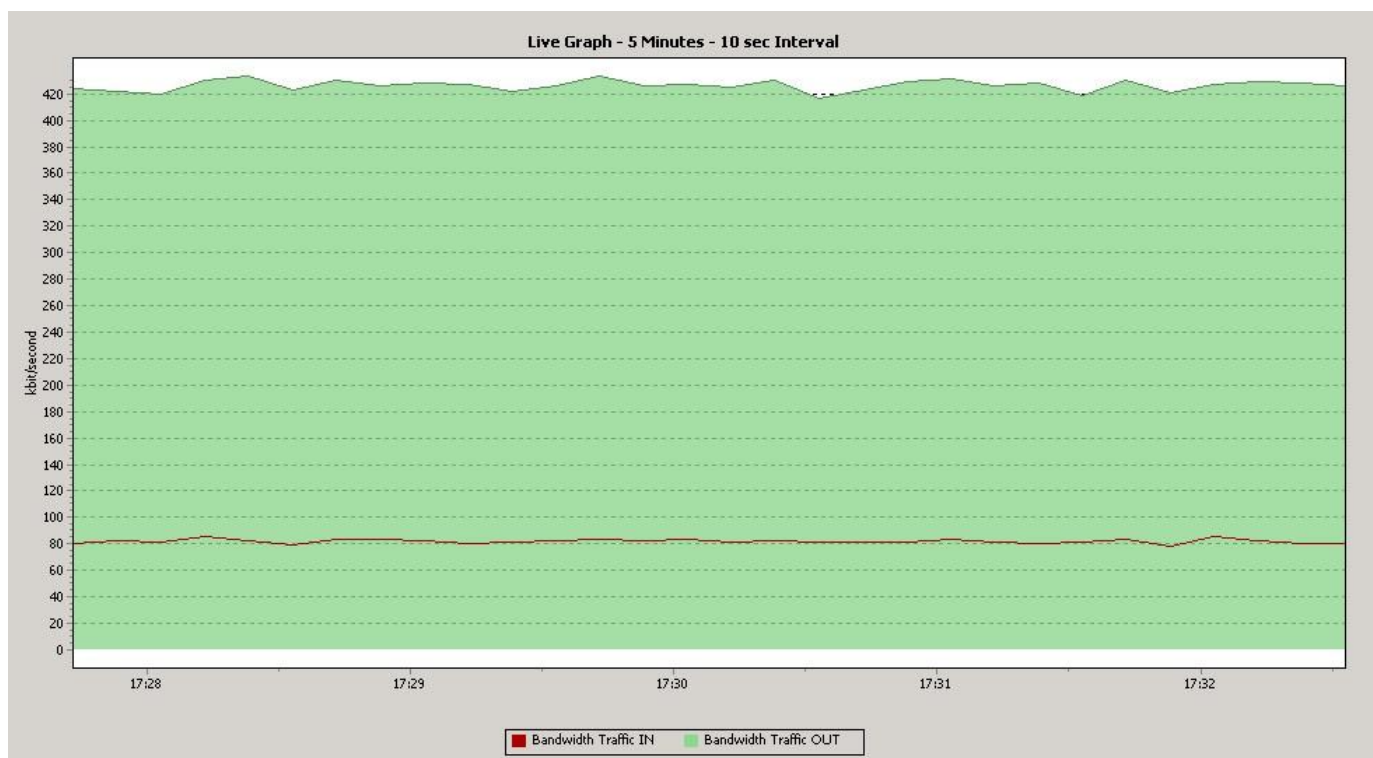
**Responsável/cliente:** Tereza Cristina

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-DOOS-3501

**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[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             : 11.588567 GHz
Symbol Rate          : 13.332989 Msps
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                   : 12.2 dB
Input Power           : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC
```

```
Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -21.8 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -113 us (261124 us)
Frequency correction : -150 Hz
#
```

```
IP DVB 10.148.1.35/32
```

```
Pinging 10.145.123.1 with 32 bytes of data:
```

```
Reply from 10.145.123.1: bytes=32 time=550ms TTL=62
Reply from 10.145.123.1: bytes=32 time=571ms TTL=62
Reply from 10.145.123.1: bytes=32 time=582ms TTL=62
Reply from 10.145.123.1: bytes=32 time=602ms TTL=62
Reply from 10.145.123.1: bytes=32 time=580ms TTL=62
Reply from 10.145.123.1: bytes=32 time=535ms TTL=62
Reply from 10.145.123.1: bytes=32 time=555ms TTL=62
Reply from 10.145.123.1: bytes=32 time=534ms TTL=62
Reply from 10.145.123.1: bytes=32 time=587ms TTL=62
Reply from 10.145.123.1: bytes=32 time=599ms TTL=62
```

```
Ping statistics for 10.145.123.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 602ms, Average = 569ms
```