



# 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

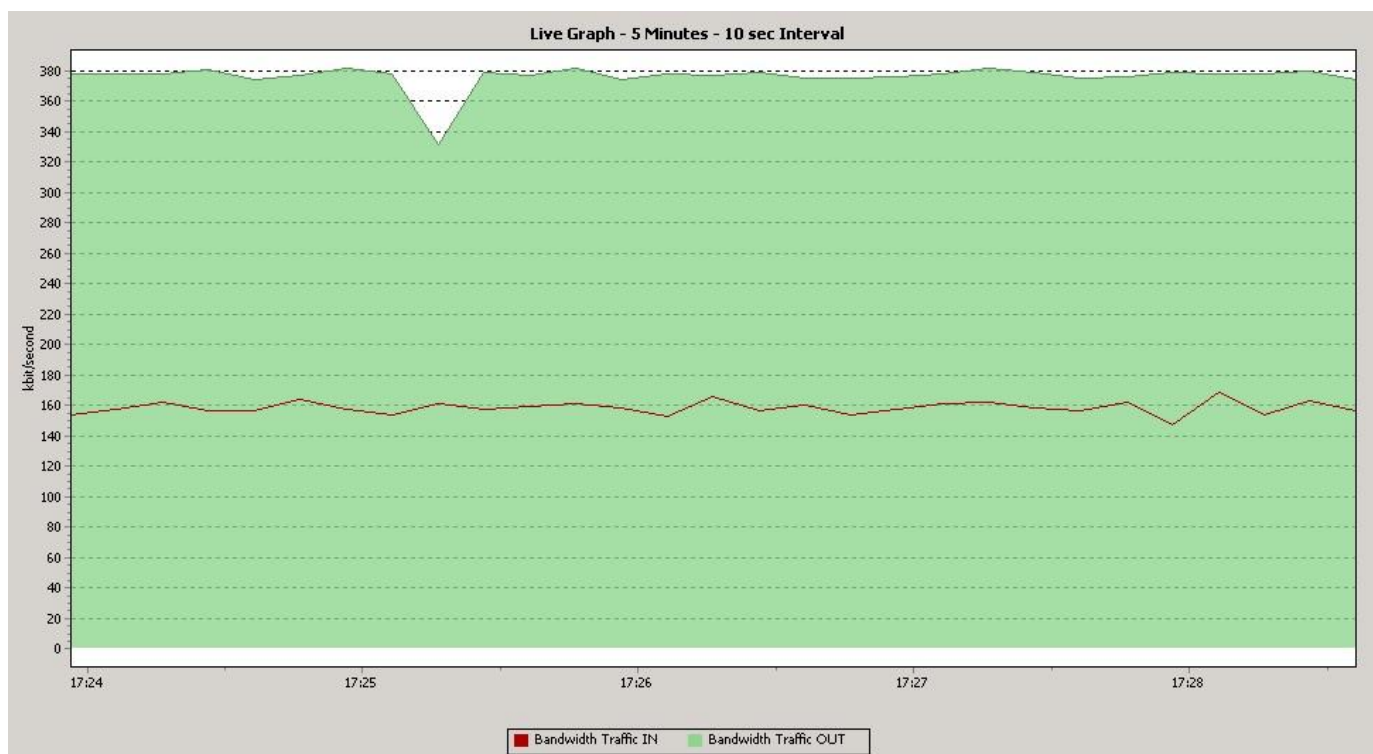
**Responsável/cliente:** Bruno Garcia Alves

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MANA-0842

**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             : 11.588348 GHz
Symbol Rate           : 13.332737 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                   : 13.2 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     : -20.5 dBm
ODU Output Power     : 32.2 dBm
EIRP                 : 45.5 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -48 us (261484 us)
Frequency correction : 0 Hz
#
```

IP DVB 10.148.181/32

Pinging 10.144.161.1 with 32 bytes of data:

```
Reply from 10.144.161.1: bytes=32 time=577ms TTL=62
Reply from 10.144.161.1: bytes=32 time=597ms TTL=62
Reply from 10.144.161.1: bytes=32 time=607ms TTL=62
Reply from 10.144.161.1: bytes=32 time=530ms TTL=62
Reply from 10.144.161.1: bytes=32 time=550ms TTL=62
Reply from 10.144.161.1: bytes=32 time=561ms TTL=62
Reply from 10.144.161.1: bytes=32 time=582ms TTL=62
Reply from 10.144.161.1: bytes=32 time=592ms TTL=62
Reply from 10.144.161.1: bytes=32 time=515ms TTL=62
Reply from 10.144.161.1: bytes=32 time=536ms TTL=62
```

```
Ping statistics for 10.144.161.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 515ms, Maximum = 607ms, Average = 564ms
```