



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Marcio Rodrigues da Cruz

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

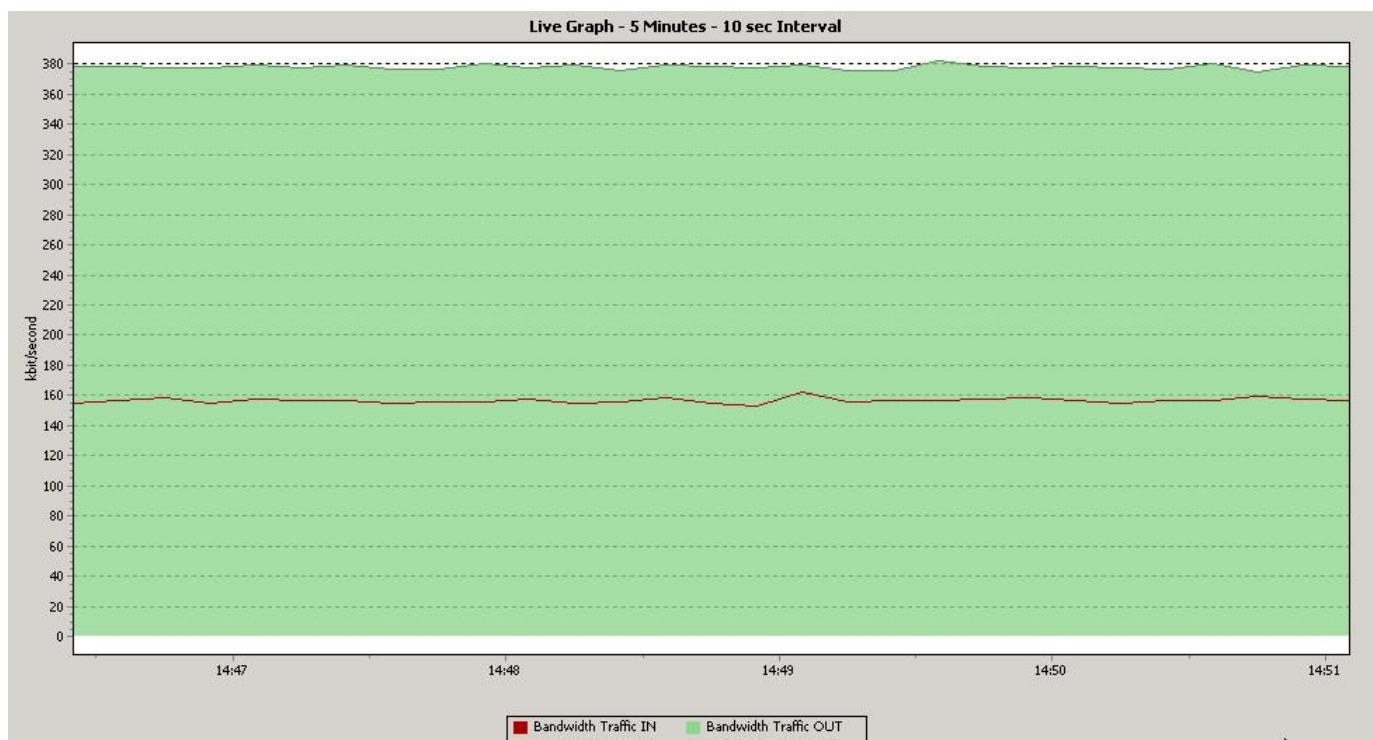
**Responsável/cliente:** Tarcísio Chaves Almeida

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ATIA-3354

**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[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            : 11.588237 GHz
Symbol Rate          : 13.332944 Msp/s
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                  : 13.0 dB
Input Power          : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -24 dBm
IDU max output power : 0.0 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.125900 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -21.0 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 11.0 dB
Header Compression   : DSM-CC
Timing correction    : -143 us (259219 us)
Frequency correction : -40 Hz

IP DVB 10.148.2.71/32

Pinging 10.145.72.1 with 32 bytes of data:

Reply from 10.145.72.1: bytes=32 time=608ms TTL=62
Reply from 10.145.72.1: bytes=32 time=531ms TTL=62
Reply from 10.145.72.1: bytes=32 time=542ms TTL=62
Reply from 10.145.72.1: bytes=32 time=563ms TTL=62
Reply from 10.145.72.1: bytes=32 time=541ms TTL=62
Reply from 10.145.72.1: bytes=32 time=593ms TTL=62
Reply from 10.145.72.1: bytes=32 time=604ms TTL=62
Reply from 10.145.72.1: bytes=32 time=556ms TTL=62
Reply from 10.145.72.1: bytes=32 time=548ms TTL=62
Reply from 10.145.72.1: bytes=32 time=559ms TTL=62

Ping statistics for 10.145.72.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 531ms, Maximum = 608ms, Average = 564ms
```