



# 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:** Agnaldo de Matos

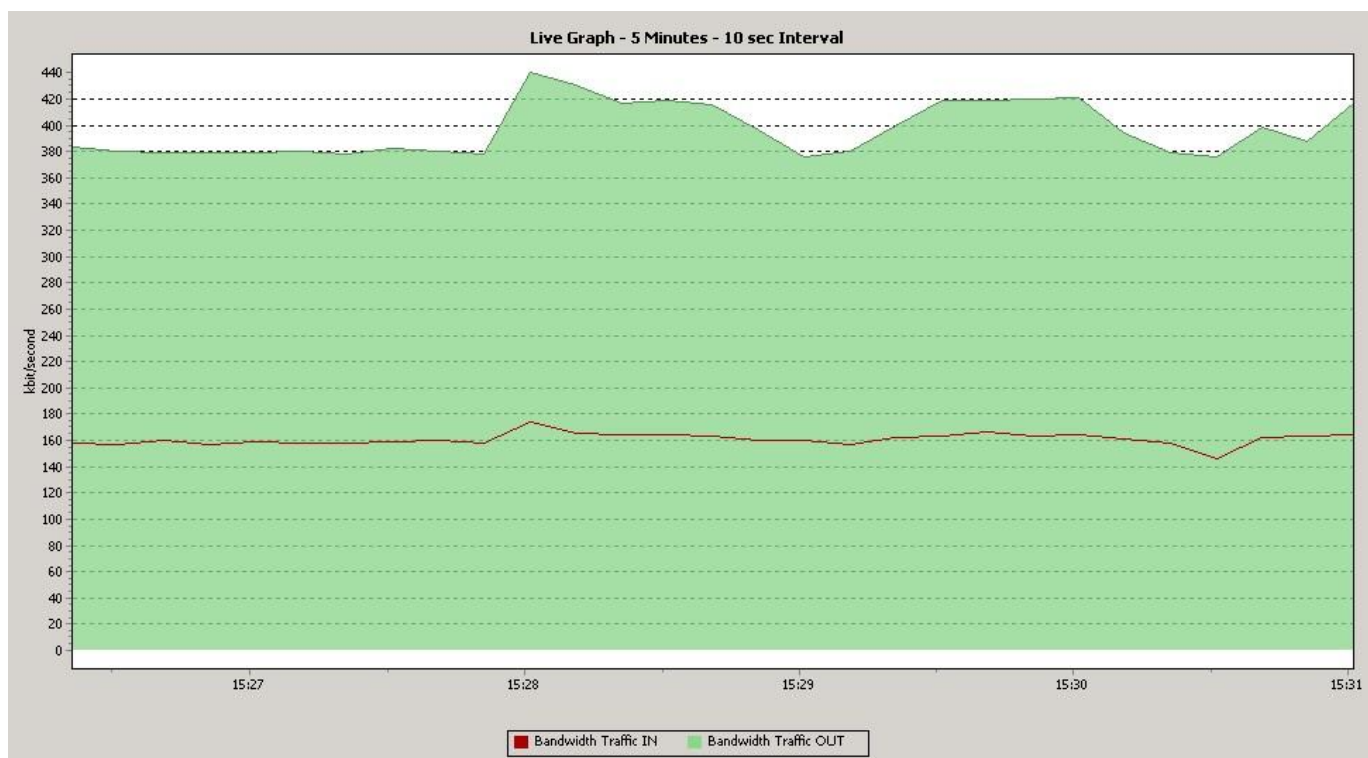
**Responsável/cliente:** Marci Pires

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-CADE-4436

**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	45.000000	11.606250	DVB-S2 2		Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606475 GHz  
Symbol Rate : 44.999530 Msps  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 10 QPSK-8/9  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 10.1 dB  
Input Power : -26 dBm

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#
Satellite (DVB) TX Configuration
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Auto start      : Enabled
IDU Output Power : -8 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : max
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 : -3.7 dBm
ODU Output Power : 27.1 dBm
EIRP           : 40.4 dBW
Es/No          : 9.0 dB
Header Compression : DSM-CC
Timing correction : 41 us (251062 us)
Frequency correction: 50 Hz
#
```

IP DVB 10.148.3.152/32

Pinging 10.172.117.1 with 32 bytes of data:

```
Reply from 10.172.117.1: bytes=32 time=692ms TTL=62
Reply from 10.172.117.1: bytes=32 time=603ms TTL=62
Reply from 10.172.117.1: bytes=32 time=542ms TTL=62
Reply from 10.172.117.1: bytes=32 time=651ms TTL=62
Reply from 10.172.117.1: bytes=32 time=564ms TTL=62
Reply from 10.172.117.1: bytes=32 time=528ms TTL=62
Reply from 10.172.117.1: bytes=32 time=626ms TTL=62
Reply from 10.172.117.1: bytes=32 time=547ms TTL=62
Reply from 10.172.117.1: bytes=32 time=659ms TTL=62
Reply from 10.172.117.1: bytes=32 time=578ms TTL=62
```

```
Ping statistics for 10.172.117.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 692ms, Average = 599ms
```