	# TERMO DE ACEITE TÉCNICO

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

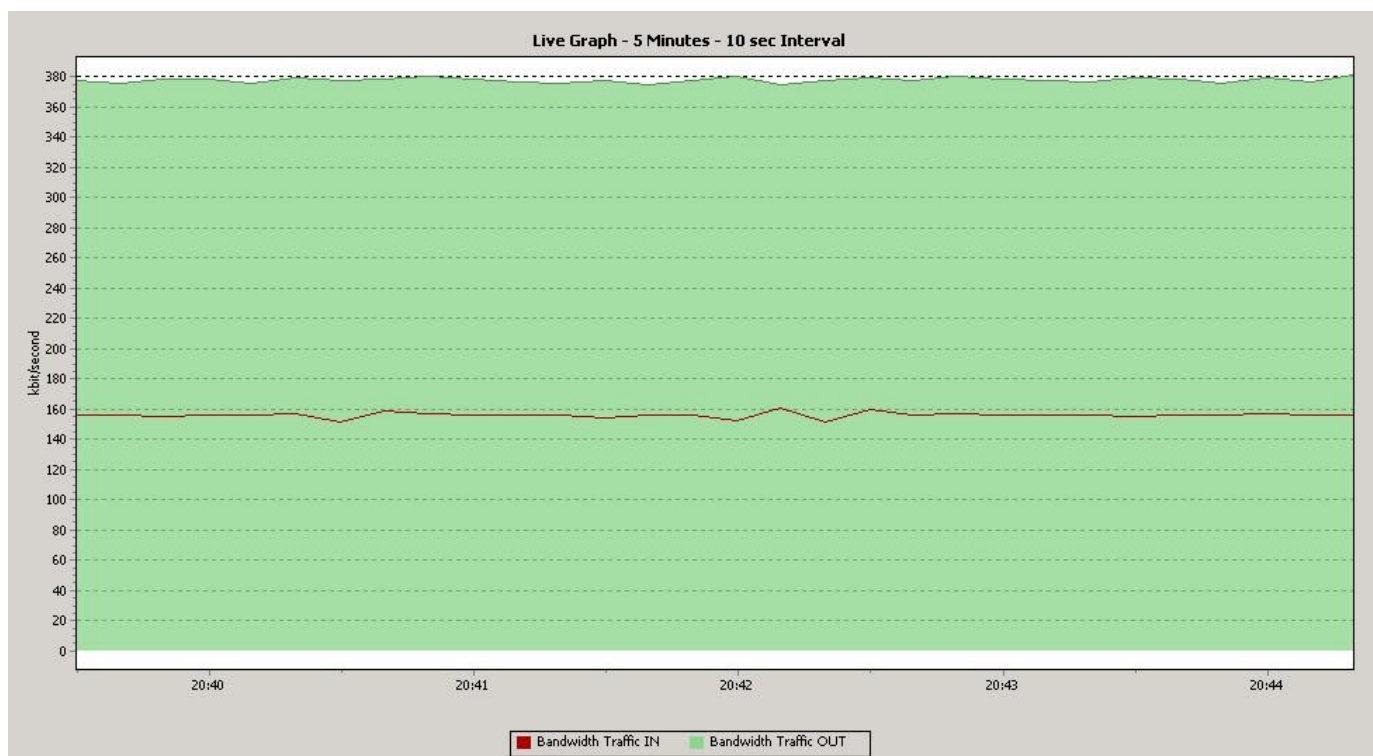| **NOC/Operadora:** Jefferson de Souza Marques	**Operadora/Cliente:** Marcos Antonio
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Valguiner Teodoro Souza Jr.

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CAIO-0672	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
#
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[Msps] 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          : 11.588456 GHz
Symbol Rate        : 13.332887 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                : 12.9 dB
Input Power        : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 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    : -16.0 dBm
ODU Output Power    : 34.4 dBm
EIRP                : 47.7 dBW
Es/No               : 11.5 dB
Header Compression  :  DSM-CC
Timing correction   : 60 us (259507 us)
Frequency correction: -150 Hz
#

IP DVB 10.148.1.24/32

Pinging 10.144.27.1 with 32 bytes of data:

Reply from 10.144.27.1: bytes=32 time=555ms TTL=62
Reply from 10.144.27.1: bytes=32 time=566ms TTL=62
Reply from 10.144.27.1: bytes=32 time=586ms TTL=62
Reply from 10.144.27.1: bytes=32 time=565ms TTL=62
Reply from 10.144.27.1: bytes=32 time=618ms TTL=62
Reply from 10.144.27.1: bytes=32 time=541ms TTL=62
Reply from 10.144.27.1: bytes=32 time=585ms TTL=62
Reply from 10.144.27.1: bytes=32 time=572ms TTL=62
Reply from 10.144.27.1: bytes=32 time=583ms TTL=62
Reply from 10.144.27.1: bytes=32 time=539ms TTL=62

Ping statistics for 10.144.27.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 618ms, Average = 571ms
```