	TERMO DE ACEITE TÉCNICO

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

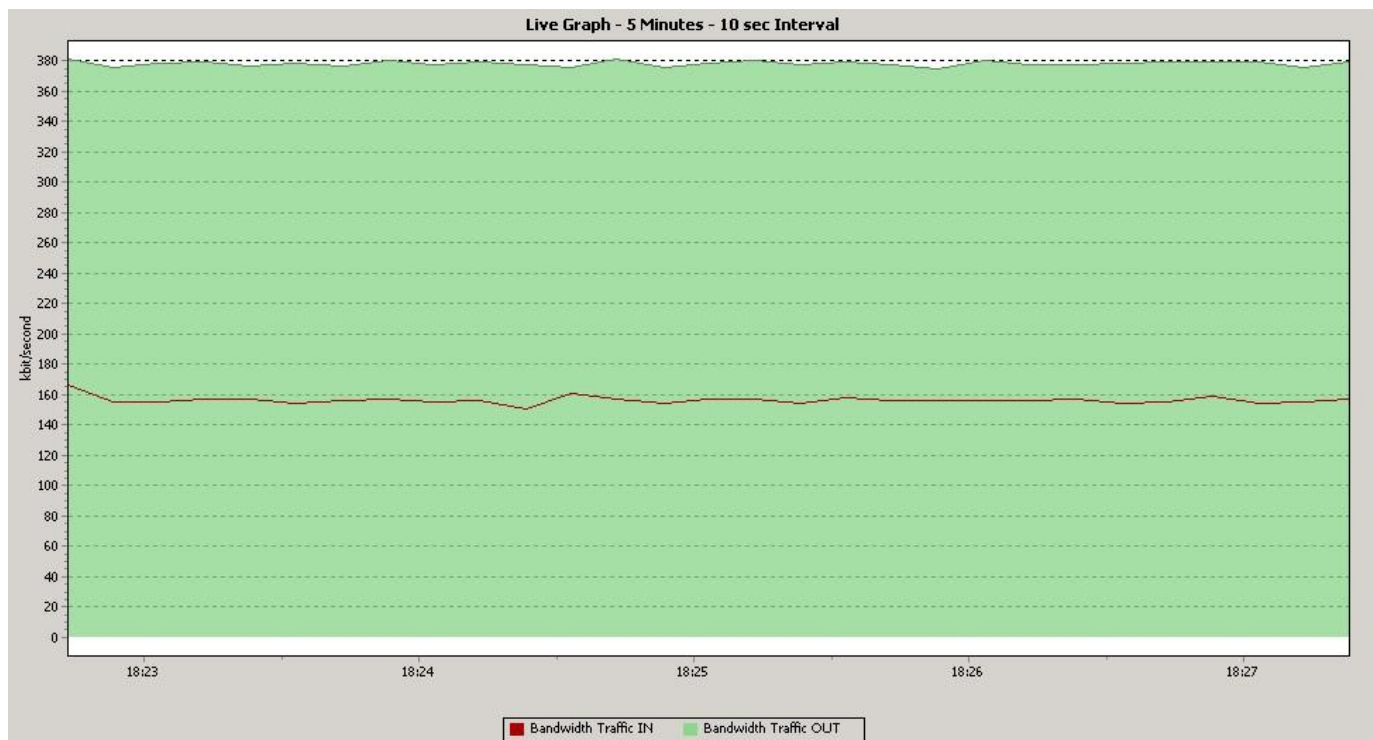| **NOC/Operadora:** Jefferson de Souza Marques	**Operadora/Cliente:** Manoel Martins
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Maria Aparecida da Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PEIA-0839	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           : 11.588623 GHz
Symbol Rate         : 13.333001 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                 : 13.6 dB
Input Power         : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 32.7 dBm
EIRP                : 46.0 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    : -15.4 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Es/No               : 14.5 dB
Header Compression  :  DSM-CC
Timing correction   : -10 us (261404 us)
Frequency correction: -90 Hz


IP DVB 10.148.1.117/32


Pinging 10.144.158.1 with 32 bytes of data:

Reply from 10.144.158.1: bytes=32 time=622ms TTL=62
Reply from 10.144.158.1: bytes=32 time=544ms TTL=62
Reply from 10.144.158.1: bytes=32 time=523ms TTL=62
Reply from 10.144.158.1: bytes=32 time=575ms TTL=62
Reply from 10.144.158.1: bytes=32 time=585ms TTL=62
Reply from 10.144.158.1: bytes=32 time=542ms TTL=62
Reply from 10.144.158.1: bytes=32 time=618ms TTL=62
Reply from 10.144.158.1: bytes=32 time=541ms TTL=62
Reply from 10.144.158.1: bytes=32 time=561ms TTL=62
Reply from 10.144.158.1: bytes=32 time=572ms TTL=62

Ping statistics for 10.144.158.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 523ms, Maximum = 622ms, Average = 568ms
```