	TERMO DE ACEITE TÉCNICO

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

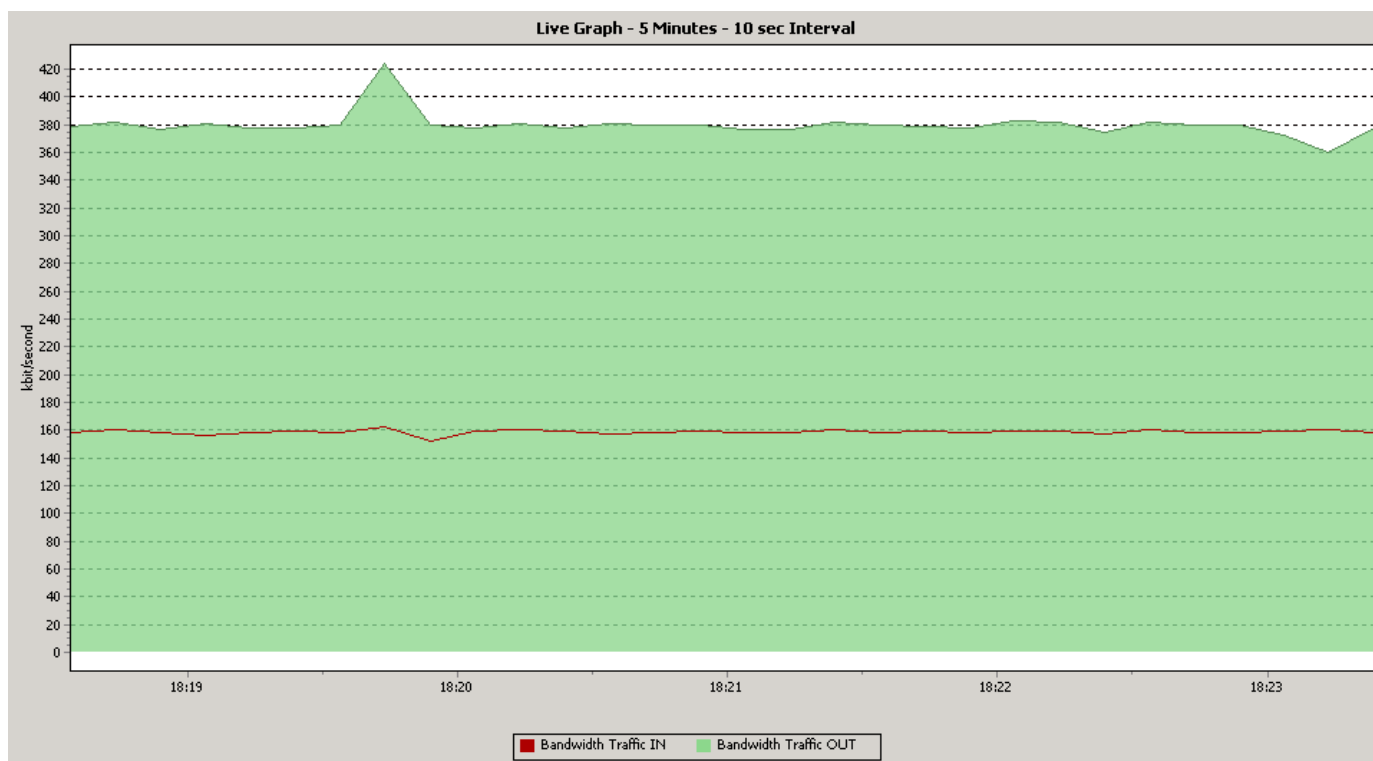| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Ailton Guimarães Sampaio
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Josiane Maria Fraga

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-RIBA-4459	384/153	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[Msps]  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           : 11.606625 GHz
Symbol Rate         : 45.000426 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                 : 9.1 dB
Input Power         : -26 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -15.1 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : 72 us (251787 us)
Frequency correction : 170 Hz

IP DVB 10.148.3.220/32

Pinging 10.172.139.1 with 32 bytes of data:

Reply from 10.172.139.1: bytes=32 time=606ms TTL=62
Reply from 10.172.139.1: bytes=32 time=529ms TTL=62
Reply from 10.172.139.1: bytes=32 time=1007ms TTL=62
Reply from 10.172.139.1: bytes=32 time=555ms TTL=62
Reply from 10.172.139.1: bytes=32 time=554ms TTL=62
Reply from 10.172.139.1: bytes=32 time=587ms TTL=62
Reply from 10.172.139.1: bytes=32 time=592ms TTL=62
Reply from 10.172.139.1: bytes=32 time=602ms TTL=62
Reply from 10.172.139.1: bytes=32 time=532ms TTL=62
Reply from 10.172.139.1: bytes=32 time=543ms TTL=62

Ping statistics for 10.172.139.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 529ms, Maximum = 1007ms, Average = 610ms
```