	TERMO DE ACEITE TÉCNICO

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

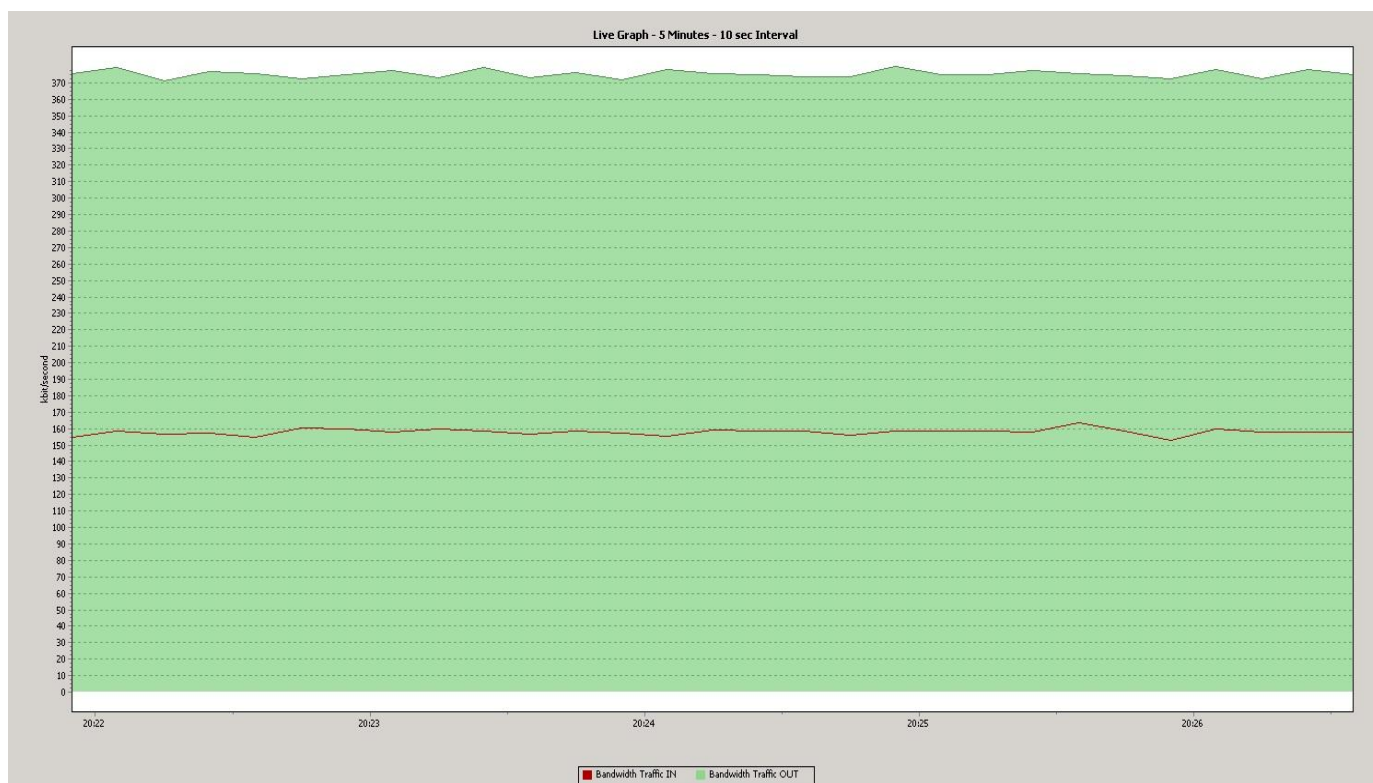| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Dhiony Rodrigues
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Cristiana Lima Carvalho

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SASO-4485	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT

```
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[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           : 11.606063 GHz
Symbol Rate         : 45.000499 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 10   QPSK-8/9
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.0 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -11 dBm
IDU max output power: 0.0 dBm
EIRP                 : 46.5 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     : -18.3 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 9.5 dB
Header Compression   :  DSM-CC
Timing correction    : 103 us (250316 us)
Frequency correction: 150 Hz


IP DVB: 10.148.3.244/32


 C:\>ping -n 10 10.172.167.1

 Pinging 10.172.167.1 with 32 bytes of data:

 Reply from 10.172.167.1: bytes=32 time=529ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=571ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=560ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=573ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=525ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=545ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=528ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=580ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=588ms TTL=62
 Reply from 10.172.167.1: bytes=32 time=578ms TTL=62

 Ping statistics for 10.172.167.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 525ms, Maximum = 588ms, Average = 557ms
```