	TERMO DE ACEITE TÉCNICO

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

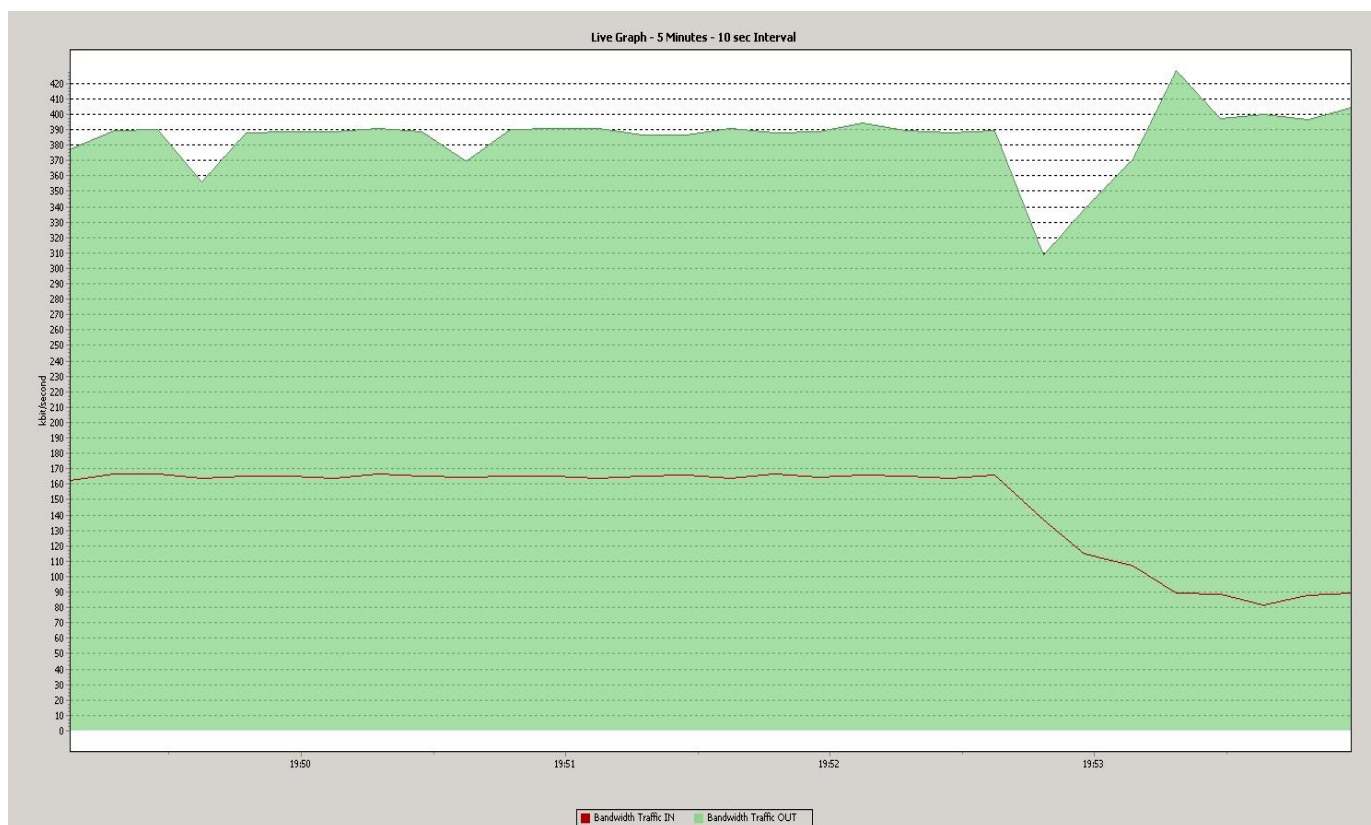| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Walter Leandro
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Kenia Greice

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MASO-5205	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)
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000       11.606250  DVB-S2 3        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606282 GHz
Symbol Rate        : 44.999265 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 13   8PSK-2/3
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 9.4 dB
Input Power        : -24 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -18.0 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 185 us (251013 us)
Frequency correction: 160 Hz


IP DVB: 10.148.5.173/32


 Pinging 10.174.13.1 with 32 bytes of data:

 Reply from 10.174.13.1: bytes=32 time=530ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=542ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=544ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=556ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=527ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=570ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=571ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=582ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=583ms TTL=62
 Reply from 10.174.13.1: bytes=32 time=594ms TTL=62

 Ping statistics for 10.174.13.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 527ms, Maximum = 594ms, Average = 559ms
```