	TERMO DE ACEITE TÉCNICO

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

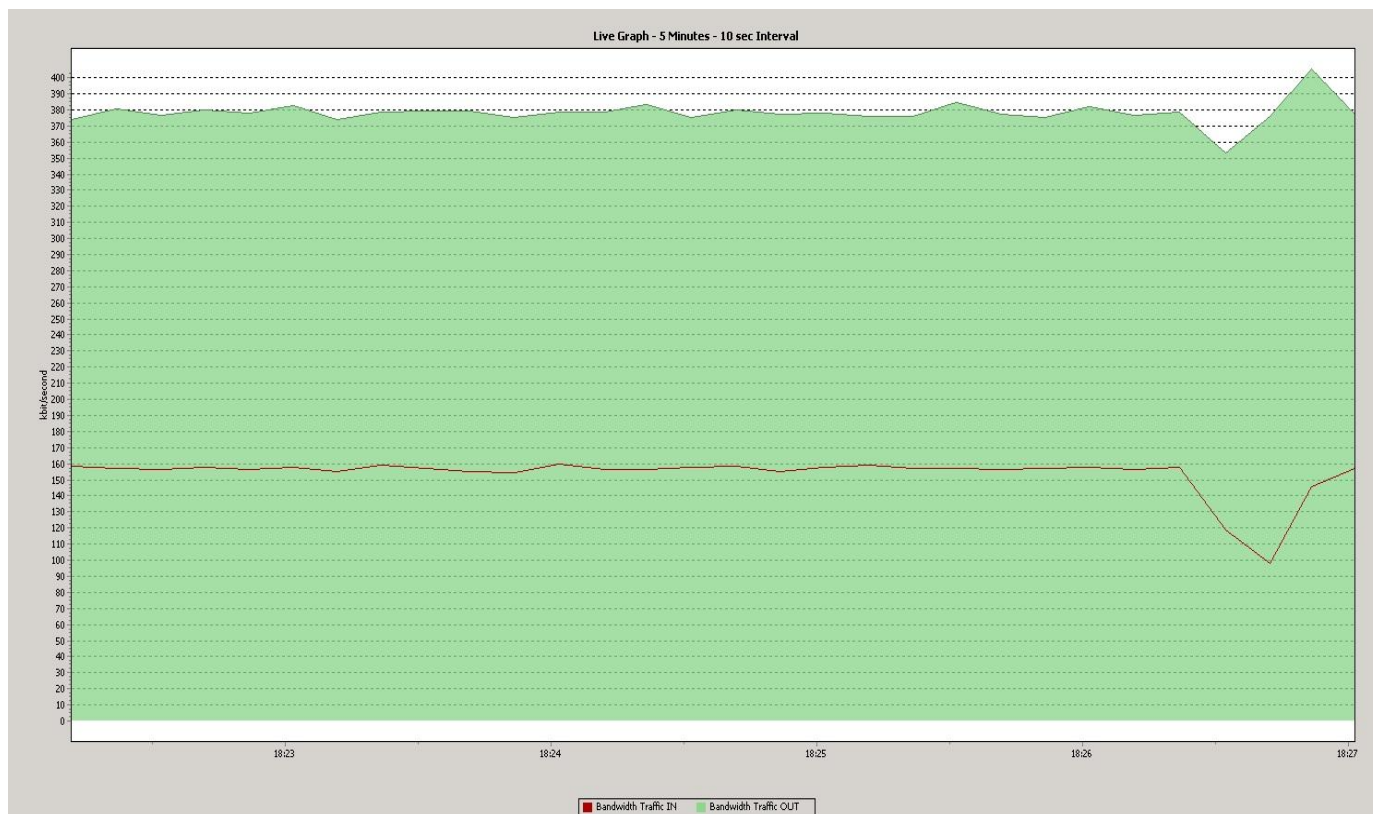| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marcos Antônio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Luana Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-AIES-4492	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           : 11.606653 GHz
Symbol Rate         : 44.999989 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                 : 9.9 dB
Input Power         : -27 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     : -14.6 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 163 us (250861 us)
Frequency correction: 120 Hz


IP DVB: 10.148.5.177/32


 Pinging 10.172.171.1 with 32 bytes of data:

 Reply from 10.172.171.1: bytes=32 time=531ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=562ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=544ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=546ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=559ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=561ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=573ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=575ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=587ms TTL=62
 Reply from 10.172.171.1: bytes=32 time=558ms TTL=62

 Ping statistics for 10.172.171.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 531ms, Maximum = 587ms, Average = 559ms
```