	TERMO DE ACEITE TÉCNICO

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

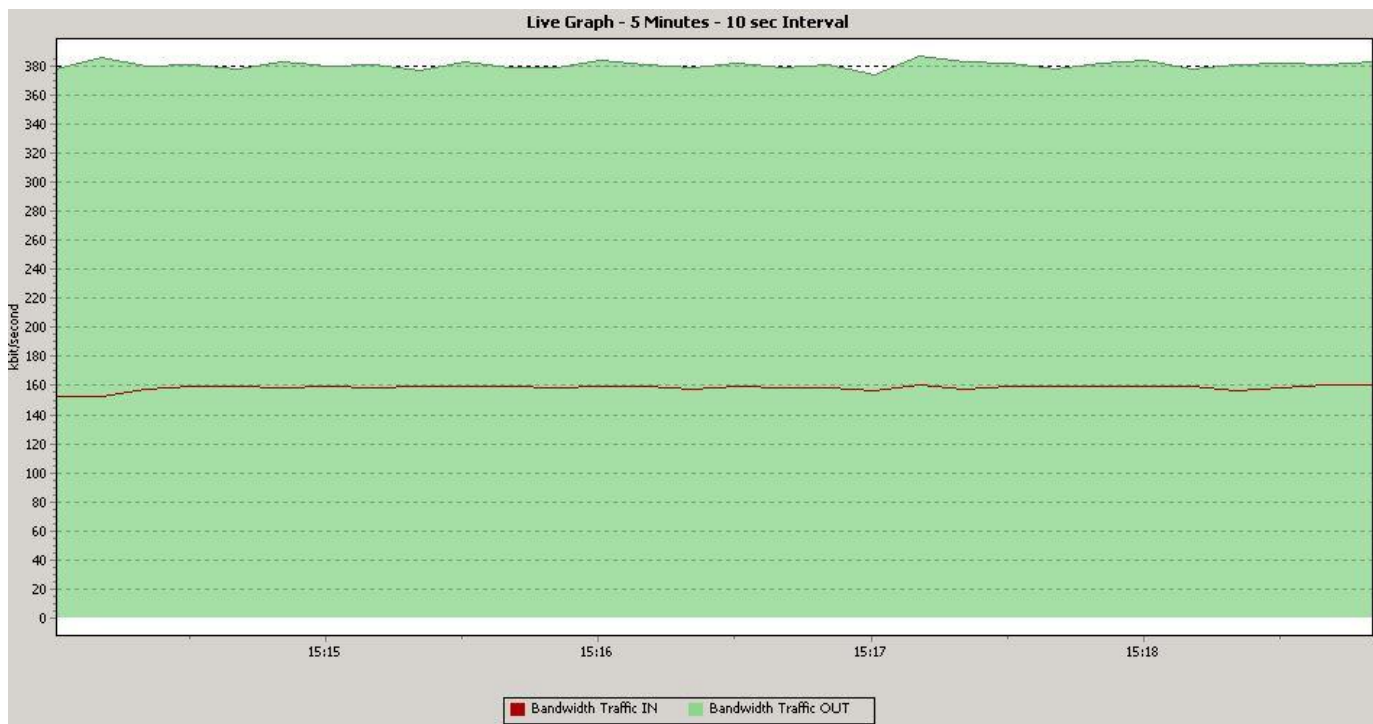| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Airton Gabriel do Nascimento Moro
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Ana Flávia de Paula Faria

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAHA-3595	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: 9.6 dB)
ACM Latency         : On
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           : 11.588268 GHz
Symbol Rate         : 13.333117 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 21   16APSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.3 dB
Input Power         : -32 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -11 dBm
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     : -12.5 dBm
ODU Output Power     : 36.0 dBm
EIRP                 : 49.3 dBW
Eb/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -214 us (260997 us)
Frequency correction: -200 Hz


IP DVB 10.148.1.56/32


Pinging 10.145.239.1 with 32 bytes of data:

Reply from 10.145.239.1: bytes=32 time=550ms TTL=62
Reply from 10.145.239.1: bytes=32 time=654ms TTL=62
Reply from 10.145.239.1: bytes=32 time=577ms TTL=62
Reply from 10.145.239.1: bytes=32 time=587ms TTL=62
Reply from 10.145.239.1: bytes=32 time=611ms TTL=62
Reply from 10.145.239.1: bytes=32 time=531ms TTL=62
Reply from 10.145.239.1: bytes=32 time=541ms TTL=62
Reply from 10.145.239.1: bytes=32 time=561ms TTL=62
Reply from 10.145.239.1: bytes=32 time=540ms TTL=62
Reply from 10.145.239.1: bytes=32 time=593ms TTL=62

Ping statistics for 10.145.239.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 531ms, Maximum = 654ms, Average = 574ms
```