prodemge	**TERMO DE ACEITE TÉCNICO**

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

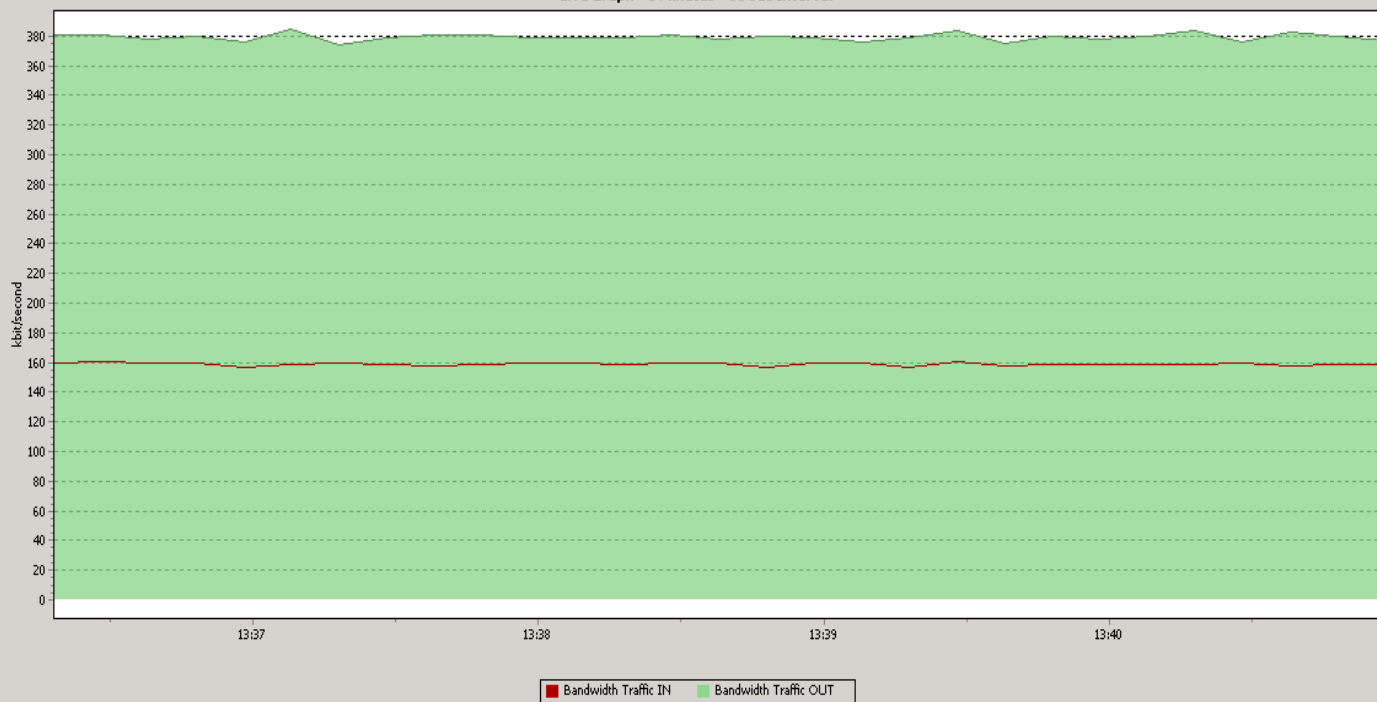|	
NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Arnaldo Kleão de Almeida
GRE/Prodemge: Agnaldo de Matos	**Responsável/cliente:** Karina Neves de Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-MAFE-4246	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    13.333000      11.588250  DVB-S2 2         Yes
  1  1     0.000000       0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.588492 GHz
Symbol Rate        : 13.332896 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 15   8PSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 12.5 dB
Input Power        : -36 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 32.7 dBm
EIRP                : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State               : On (TDMA)
IDU Output Power    : -15.7 dBm
ODU Output Power    : 32.8 dBm
EIRP                : 46.1 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -87 us (261990 us)
Frequency correction: -10 Hz


IP DVB: 10.148.2.207/32


Pinging 10.147.222.1 with 32 bytes of data:

Reply from 10.147.222.1: bytes=32 time=549ms TTL=62
Reply from 10.147.222.1: bytes=32 time=560ms TTL=62
Reply from 10.147.222.1: bytes=32 time=581ms TTL=62
Reply from 10.147.222.1: bytes=32 time=559ms TTL=62
Reply from 10.147.222.1: bytes=32 time=514ms TTL=62
Reply from 10.147.222.1: bytes=32 time=535ms TTL=62
Reply from 10.147.222.1: bytes=32 time=574ms TTL=62
Reply from 10.147.222.1: bytes=32 time=566ms TTL=62
Reply from 10.147.222.1: bytes=32 time=578ms TTL=62
Reply from 10.147.222.1: bytes=32 time=529ms TTL=62

Ping statistics for 10.147.222.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 514ms, Maximum = 581ms, Average = 554ms
```