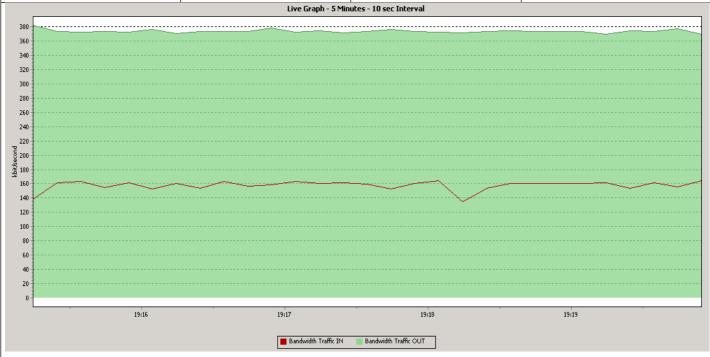| prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Jedson Alves
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Tania Mara

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-MACU-3930	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           : 11.588455 GHz
Symbol Rate         : 13.332956 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                 : 12.1 dB
Input Power         : -36 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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    : -14.9 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : 149 us (260116 us)
Frequency correction: -150 Hz

IP DVB: 10.148.1.221/32

Pinging 10.146.195.1 with 32 bytes of data:

Reply from 10.146.195.1: bytes=32 time=586ms TTL=62
Reply from 10.146.195.1: bytes=32 time=579ms TTL=62
Reply from 10.146.195.1: bytes=32 time=589ms TTL=62
Reply from 10.146.195.1: bytes=32 time=610ms TTL=62
Reply from 10.146.195.1: bytes=32 time=533ms TTL=62
Reply from 10.146.195.1: bytes=32 time=543ms TTL=62
Reply from 10.146.195.1: bytes=32 time=564ms TTL=62
Reply from 10.146.195.1: bytes=32 time=542ms TTL=62
Reply from 10.146.195.1: bytes=32 time=595ms TTL=62
Reply from 10.146.195.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.146.195.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 533ms, Maximum = 610ms, Average = 574ms
```