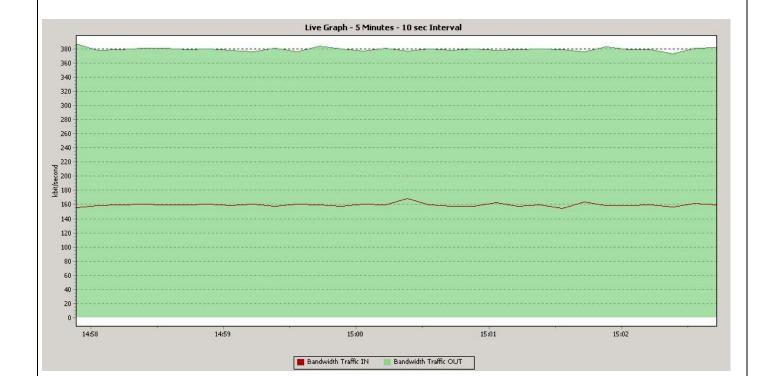| ▶ prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Marcos Aurélio de Moura
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Aparecida de Jesus Presoti

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ANOS-3854	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)
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
  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          : 11.588435 GHz
Symbol Rate        : 13.332807 Msps
S2 ModCod
       - receiving : 4   QPSK-1/2
       - current max : 15   8PSK-5/6
Pilot              : On
Frame length       : Short frame
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 13.4 dB
Input Power        : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU output power      : -20 dBm
IDU max output power: 0.0 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      : -17.9 dBm
ODU Output Power      : 34.1 dBm
EIRP                  : 47.4 dBW
Es/No                 : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -167 us (261054 us)
Frequency correction: -50 Hz


IP DVB 10.148.2.12/32


Pinging 10.146.165.1 with 32 bytes of data:

Reply from 10.146.165.1: bytes=32 time=539ms TTL=62
Reply from 10.146.165.1: bytes=32 time=559ms TTL=62
Reply from 10.146.165.1: bytes=32 time=570ms TTL=62
Reply from 10.146.165.1: bytes=32 time=590ms TTL=62
Reply from 10.146.165.1: bytes=32 time=601ms TTL=62
Reply from 10.146.165.1: bytes=32 time=622ms TTL=62
Reply from 10.146.165.1: bytes=32 time=545ms TTL=62
Reply from 10.146.165.1: bytes=32 time=654ms TTL=62
Reply from 10.146.165.1: bytes=32 time=577ms TTL=62
Reply from 10.146.165.1: bytes=32 time=587ms TTL=62

Ping statistics for 10.146.165.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 654ms, Average = 584ms
```