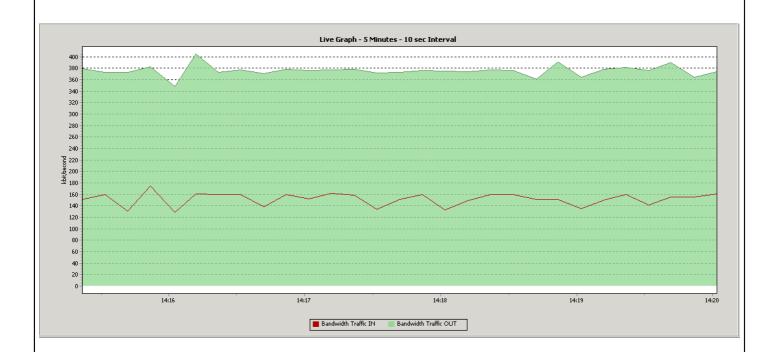| prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Israel de Oliveira
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Regina de Souza Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JUIA-6068	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    45.000000      11.606250  DVB-S2  3         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606170 GHz
Symbol Rate         : 44.999759 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            : 0.20
SNR                 : 12.1 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 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     : -13.5 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -2 us (253473 us)
Frequency correction: -320 Hz


IP DVB: 10.148.6.197/32


Pinging 10.175.22.1 with 32 bytes of data:

Reply from 10.175.22.1: bytes=32 time=543ms TTL=62
Reply from 10.175.22.1: bytes=32 time=556ms TTL=62
Reply from 10.175.22.1: bytes=32 time=655ms TTL=62
Reply from 10.175.22.1: bytes=32 time=570ms TTL=62
Reply from 10.175.22.1: bytes=32 time=575ms TTL=62
Reply from 10.175.22.1: bytes=32 time=584ms TTL=62
Reply from 10.175.22.1: bytes=32 time=590ms TTL=62
Reply from 10.175.22.1: bytes=32 time=600ms TTL=62
Reply from 10.175.22.1: bytes=32 time=606ms TTL=62
Reply from 10.175.22.1: bytes=32 time=551ms TTL=62

Ping statistics for 10.175.22.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 543ms, Maximum = 655ms, Average = 583ms
```