prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Fabricio Soares Campoilina
GRE/Prodemge: Marlú da Silva Santos	**Responsável/cliente:** Lucinéia Aparecida Mesquita de Brito

Consórcio STM/Vodanet	VSAT-ID SES-SAAS-3460	Porta kbps 384/153	Plataforma VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT
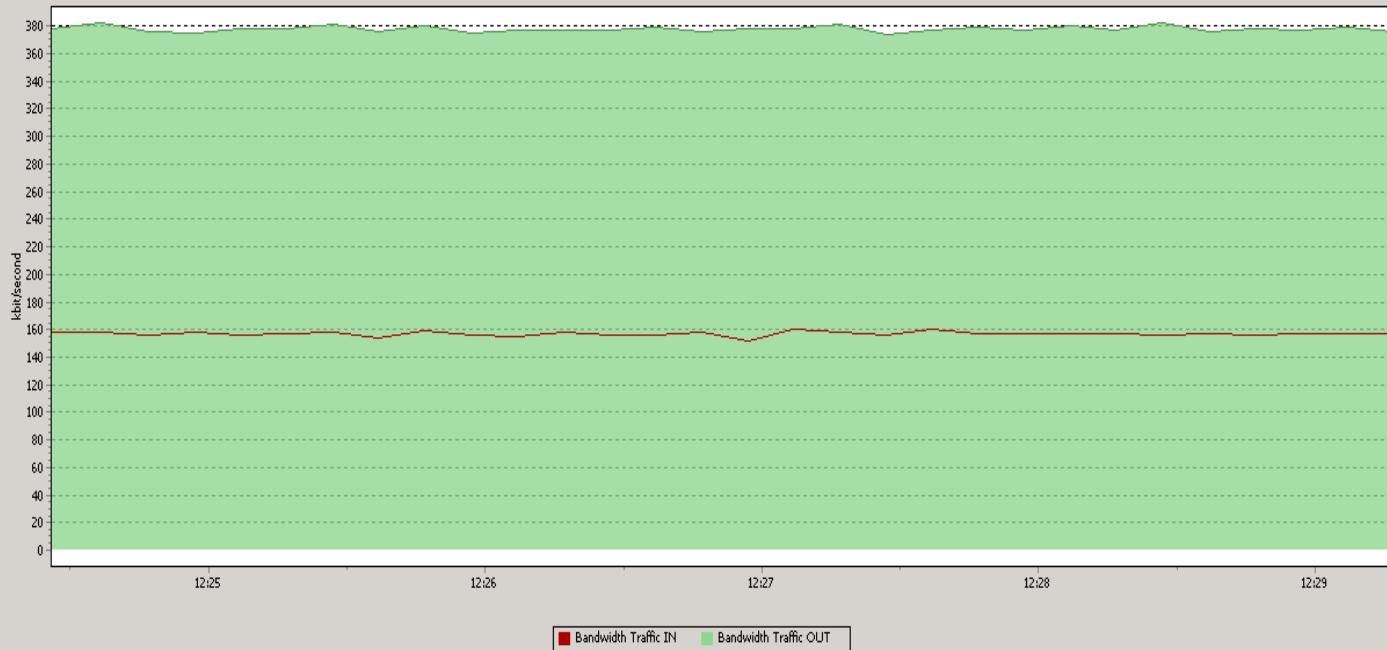
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.588444 GHz
Symbol Rate         : 13.333083 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                 : 14.3 dB
Input Power         : -26 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     : -19.8 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -255 us (260704 us)
Frequency correction: -370 Hz


IP DVB: 10.148.0.244/32


Pinging 10.145.110.1 with 32 bytes of data:

Reply from 10.145.110.1: bytes=32 time=548ms TTL=62
Reply from 10.145.110.1: bytes=32 time=560ms TTL=62
Reply from 10.145.110.1: bytes=32 time=581ms TTL=62
Reply from 10.145.110.1: bytes=32 time=592ms TTL=62
Reply from 10.145.110.1: bytes=32 time=613ms TTL=62
Reply from 10.145.110.1: bytes=32 time=536ms TTL=62
Reply from 10.145.110.1: bytes=32 time=547ms TTL=62
Reply from 10.145.110.1: bytes=32 time=568ms TTL=62
Reply from 10.145.110.1: bytes=32 time=546ms TTL=62
Reply from 10.145.110.1: bytes=32 time=600ms TTL=62

Ping statistics for 10.145.110.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 536ms, Maximum = 613ms, Average = 569ms
```