prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Airton Gabriel do Nascimento
GRE/Prodemge: Marlú da Silva Santos	**Responsável/cliente:** Amanda Atanázio

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SADO-3599	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
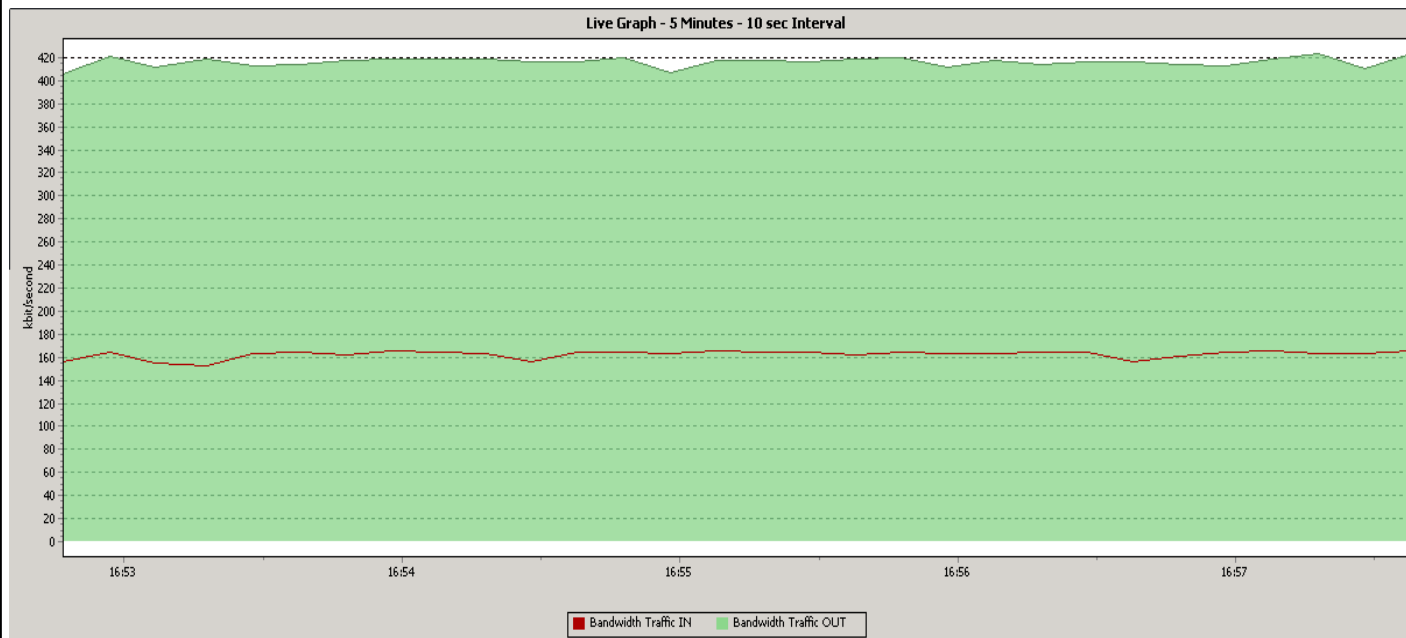
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId   Enable
*  0  0    13.333000       11.588250  DVB-S2 2            Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588603 GHz
Symbol Rate         : 13.333015 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                 : 12.7 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -15.4 dBm
ODU Output Power     : 35.5 dBm
EIRP                 : 48.8 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : 1 us (260903 us)
Frequency correction: -140 Hz


IP DVB: 10.148.1.57/32


Pinging 10.145.243.1 with 32 bytes of data:

Reply from 10.145.243.1: bytes=32 time=584ms TTL=62
Reply from 10.145.243.1: bytes=32 time=606ms TTL=62
Reply from 10.145.243.1: bytes=32 time=585ms TTL=62
Reply from 10.145.243.1: bytes=32 time=542ms TTL=62
Reply from 10.145.243.1: bytes=32 time=563ms TTL=62
Reply from 10.145.243.1: bytes=32 time=542ms TTL=62
Reply from 10.145.243.1: bytes=32 time=595ms TTL=62
Reply from 10.145.243.1: bytes=32 time=606ms TTL=62
Reply from 10.145.243.1: bytes=32 time=562ms TTL=62
Reply from 10.145.243.1: bytes=32 time=550ms TTL=62

Ping statistics for 10.145.243.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 606ms, Average = 573ms
```