	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Warley Gonsçalves de Souza
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Lílian Oliveira Dutra Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ILEA-3330	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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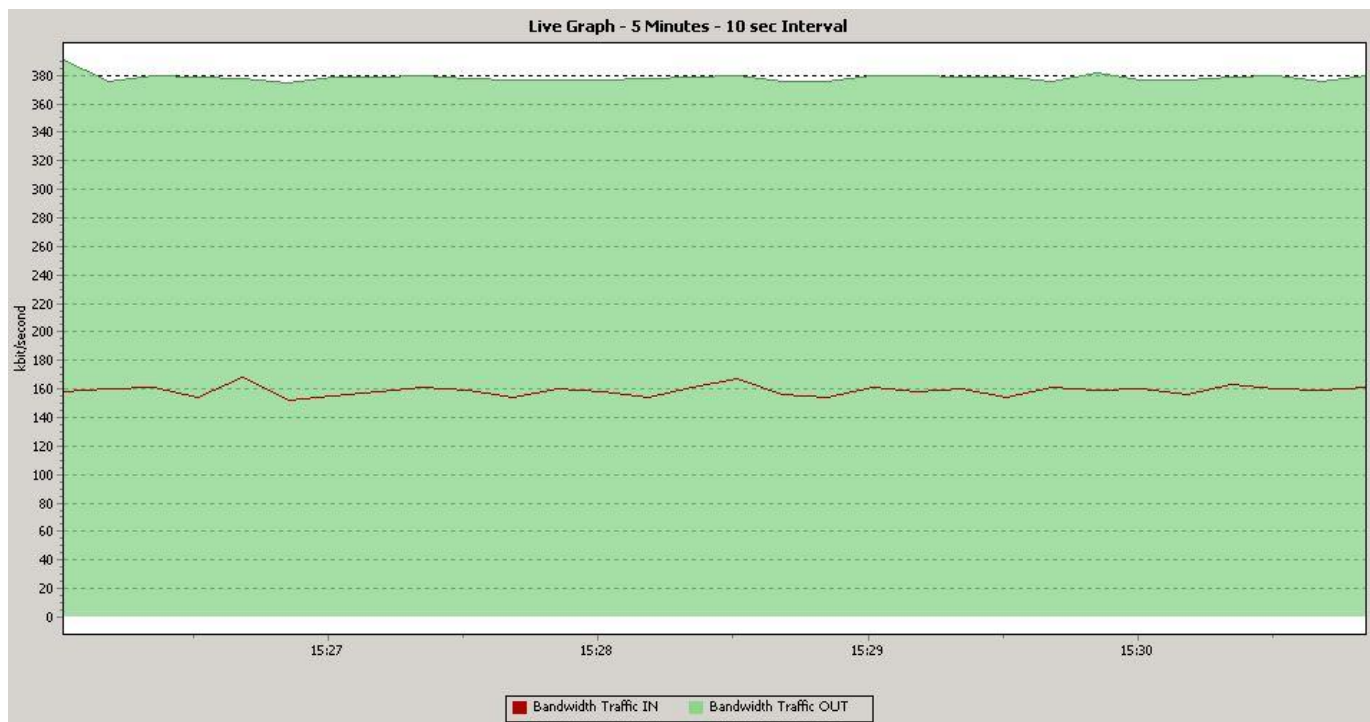
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max MODCOD            : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency           : On
RX watchdog           : 15 minute

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             : 11.588330 GHz
Symbol Rate           : 13.332978 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                   : 13.8 dB
Input Power           : -32 dBm
#
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU output power    : -17 dBm
EIRP                : 46.0 dBW
Default CW Frequency: 14.150500 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    : 32.4 dBm
EIRP                : 45.7 dBW
Eb/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : -142 us (261835 us)
Frequency correction: -120 Hz


IP DVB 10.148.1.148/32


Pinging 10.145.53.1 with 32 bytes of data:

Reply from 10.145.53.1: bytes=32 time=588ms TTL=61
Reply from 10.145.53.1: bytes=32 time=703ms TTL=61
Reply from 10.145.53.1: bytes=32 time=624ms TTL=61
Reply from 10.145.53.1: bytes=32 time=543ms TTL=61
Reply from 10.145.53.1: bytes=32 time=655ms TTL=61
Reply from 10.145.53.1: bytes=32 time=578ms TTL=61
Reply from 10.145.53.1: bytes=32 time=686ms TTL=61
Reply from 10.145.53.1: bytes=32 time=605ms TTL=61
Reply from 10.145.53.1: bytes=32 time=532ms TTL=61
Reply from 10.145.53.1: bytes=32 time=640ms TTL=61

Ping statistics for 10.145.53.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 532ms, Maximum = 703ms, Average = 615ms
```