	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Rodrigo Carlos Martins
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Raquel Moraes Machado

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BOCA-3914	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT
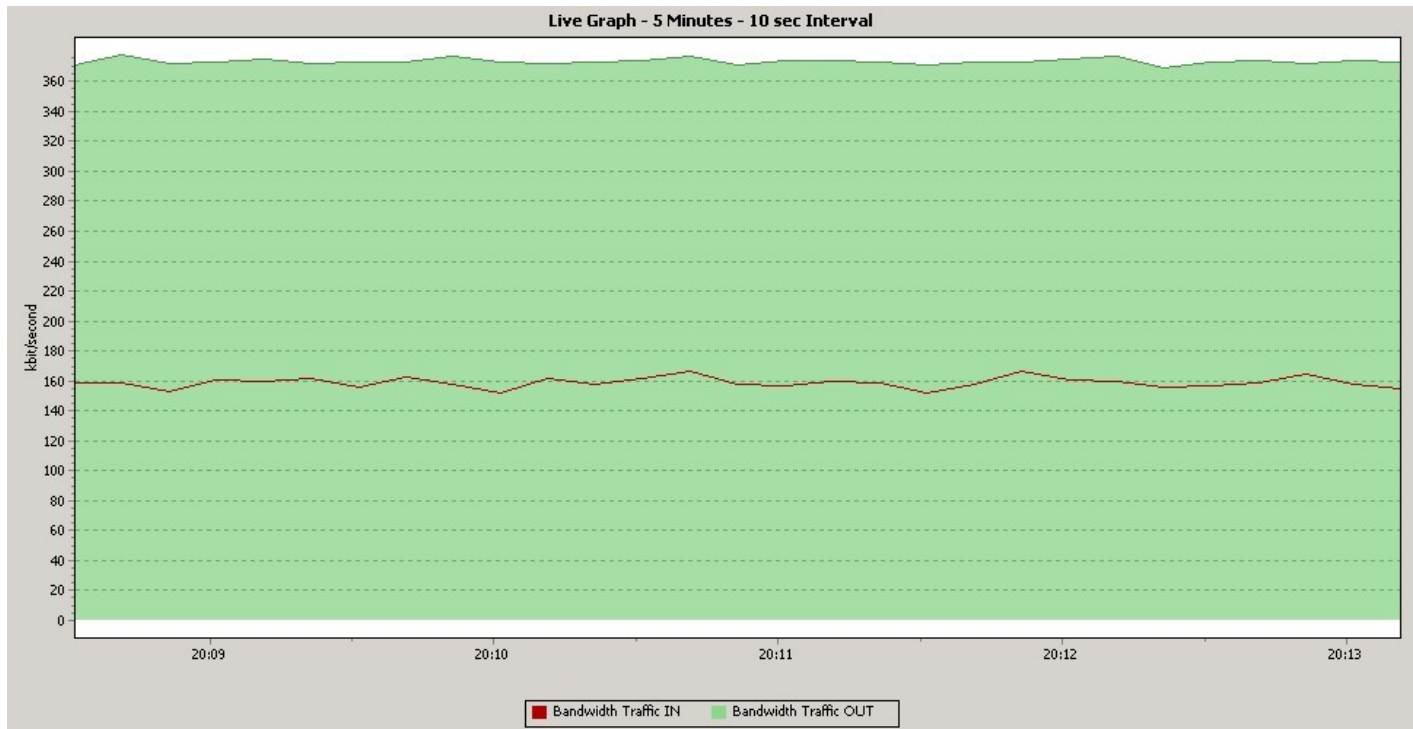
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0    13.333000      11.588250  DVB-S2 2          Yes
  1  1     0.000000       0.000000  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588026 GHz
Symbol Rate         : 13.333064 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                 : 13.4 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start            : Enabled
IDU Output Power      : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 32.7 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      : -17.7 dBm
ODU Output Power      : 32.6 dBm
EIRP                  : 45.9 dBW
Es/No                 : 14.0 dB
Header Compression    :  DSM-CC
Timing correction     : 55 us (261762 us)
Frequency correction: -90 Hz


IP DVB: 10.148.1.165/32


Pinging 10.146.209.1 with 32 bytes of data:

Reply from 10.146.209.1: bytes=32 time=567ms TTL=62
Reply from 10.146.209.1: bytes=32 time=592ms TTL=62
Reply from 10.146.209.1: bytes=32 time=587ms TTL=62
Reply from 10.146.209.1: bytes=32 time=613ms TTL=62
Reply from 10.146.209.1: bytes=32 time=542ms TTL=62
Reply from 10.146.209.1: bytes=32 time=563ms TTL=62
Reply from 10.146.209.1: bytes=32 time=601ms TTL=62
Reply from 10.146.209.1: bytes=32 time=612ms TTL=62
Reply from 10.146.209.1: bytes=32 time=532ms TTL=62
Reply from 10.146.209.1: bytes=32 time=531ms TTL=62

Ping statistics for 10.146.209.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 613ms, Average = 542ms
```