prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Ivanil Victor dos Anjos
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Walma Rocha

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-NOEM-4287	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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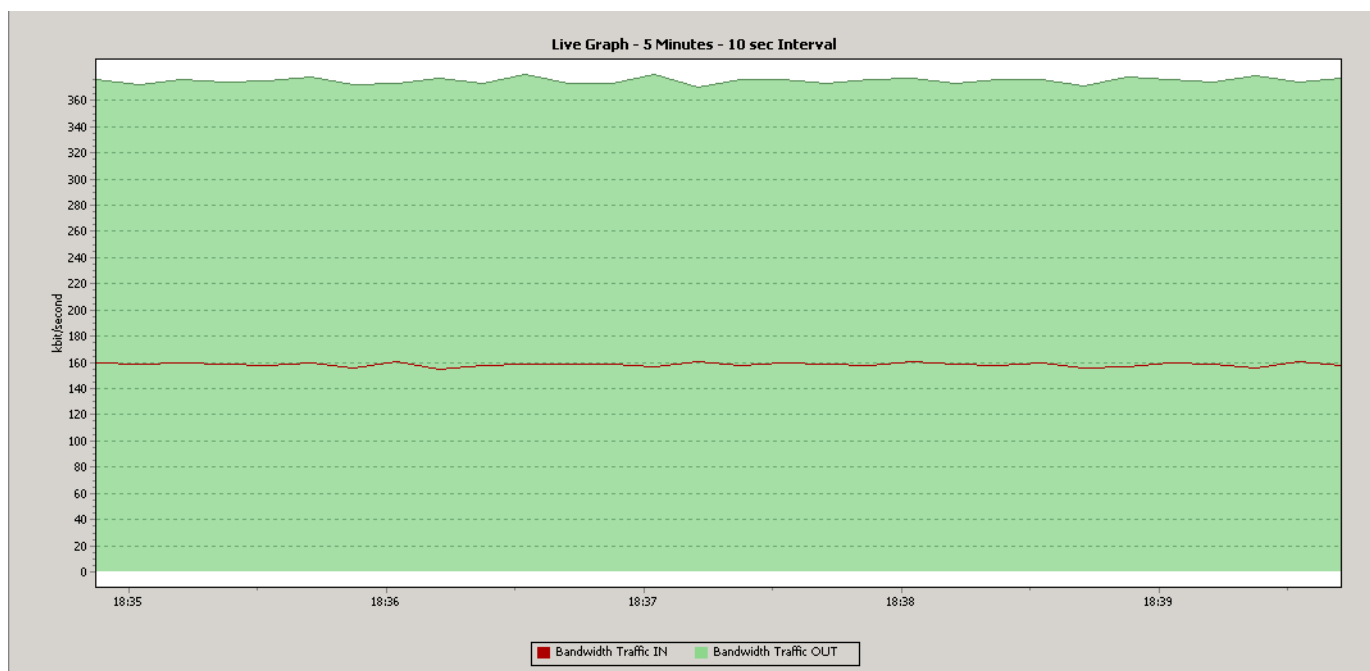
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0   45.000000      11.606250  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606644 GHz
Symbol Rate         : 44.999391 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.5 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU output power      : -20 dBm
IDU max output power: 0.0 dBm
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      : -13.1 dBm
ODU Output Power      : 33.5 dBm
EIRP                  : 46.8 dBW
Es/No                 : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 185 us (250631 us)
Frequency correction: 20 Hz




IP DVB: 10.148.5.71/32




Pinging 10.147.244.1 with 32 bytes of data:

Reply from 10.147.244.1: bytes=32 time=549ms TTL=62
Reply from 10.147.244.1: bytes=32 time=558ms TTL=62
Reply from 10.147.244.1: bytes=32 time=577ms TTL=62
Reply from 10.147.244.1: bytes=32 time=588ms TTL=62
Reply from 10.147.244.1: bytes=32 time=611ms TTL=62
Reply from 10.147.244.1: bytes=32 time=534ms TTL=62
Reply from 10.147.244.1: bytes=32 time=541ms TTL=62
Reply from 10.147.244.1: bytes=32 time=562ms TTL=62
Reply from 10.147.244.1: bytes=32 time=573ms TTL=62
Reply from 10.147.244.1: bytes=32 time=594ms TTL=62

Ping statistics for 10.147.244.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 611ms, Average = 568ms
```