	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Márcio Rodrigues da Cruz
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Fábio Junior Valdecir

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITRI-3717	384/153	VSAT

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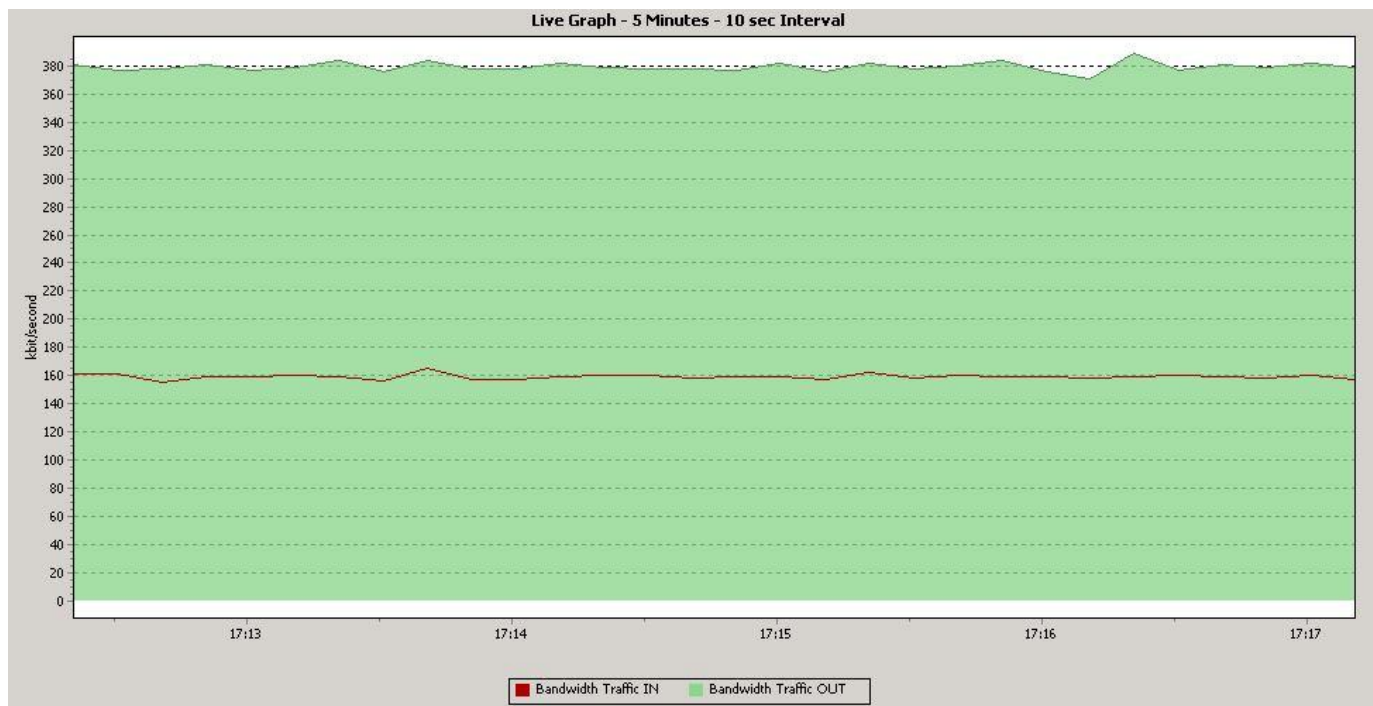
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency        : On
RX watchdog        : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode   PopId    Enable
* 0  0     13.333000       11.588250   DVB-S2 2          Yes
  1  1      0.000000        0.000000   DVB-S2 2          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.588024 GHz
Symbol Rate        : 13.332992 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 15   8PSK-5/6
Pilot              : On
Frame length       : Short frame
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 13.1 dB
Input Power        : -34 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -24 dBm
IDU max output power: 0.0 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     : -22.8 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -40 us (259574 us)
Frequency correction: 10 Hz


IP DVB 10.148.1.222/32


Pinging 10.146.64.1 with 32 bytes of data:

Reply from 10.146.64.1: bytes=32 time=578ms TTL=62
Reply from 10.146.64.1: bytes=32 time=570ms TTL=62
Reply from 10.146.64.1: bytes=32 time=580ms TTL=62
Reply from 10.146.64.1: bytes=32 time=600ms TTL=62
Reply from 10.146.64.1: bytes=32 time=579ms TTL=62
Reply from 10.146.64.1: bytes=32 time=631ms TTL=62
Reply from 10.146.64.1: bytes=32 time=554ms TTL=62
Reply from 10.146.64.1: bytes=32 time=533ms TTL=62
Reply from 10.146.64.1: bytes=32 time=585ms TTL=62
Reply from 10.146.64.1: bytes=32 time=597ms TTL=62

Ping statistics for 10.146.64.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 533ms, Maximum = 631ms, Average = 580ms
```