	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Sidnei de Paula Silva
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Andréia Aparecida dos Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JODE-3766	384/153	VSAT

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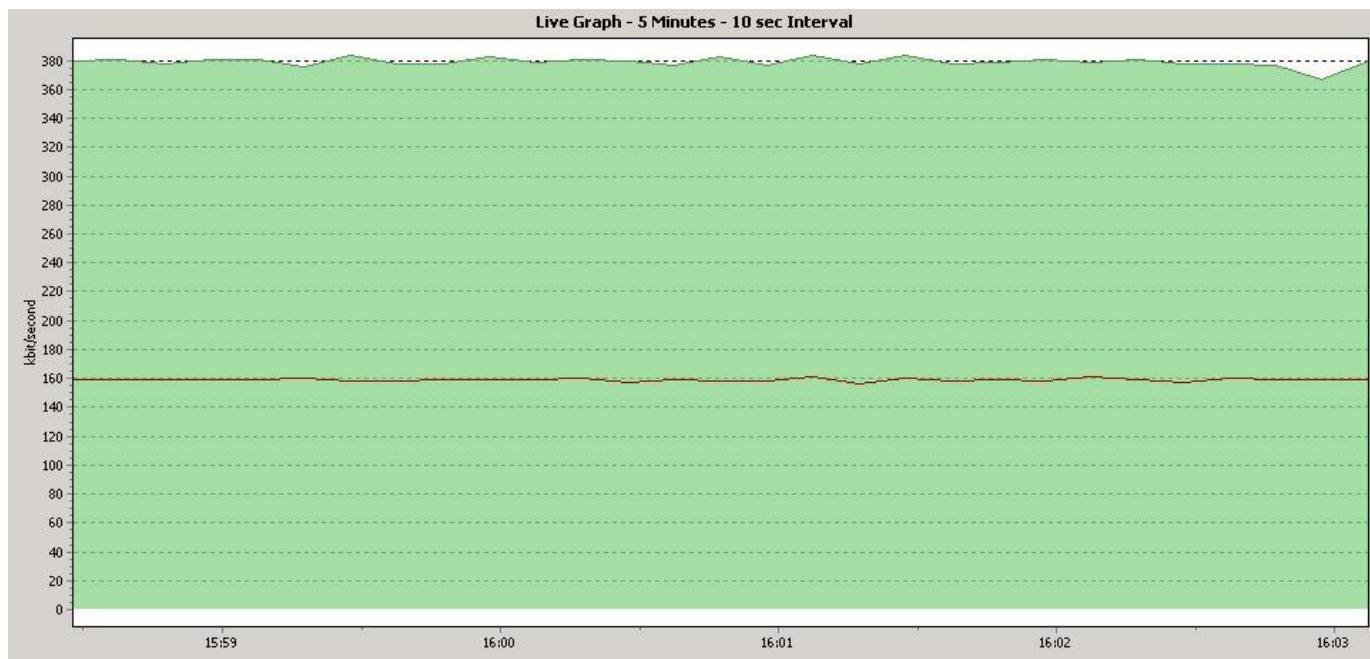
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency        : On
RX watchdog        : 15 minute

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         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.588745 GHz
Symbol Rate        : 13.333013 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                : 13.6 dB
Input Power        : -35 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -30 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    : -19.2 dBm
ODU Output Power    : 34.0 dBm
EIRP                : 47.3 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -65 us (260463 us)
Frequency correction: -70 Hz


IP DVB 10.148.1.104/32


Pinging 10.146.84.1 with 32 bytes of data:

Reply from 10.146.84.1: bytes=32 time=544ms TTL=62
Reply from 10.146.84.1: bytes=32 time=584ms TTL=62
Reply from 10.146.84.1: bytes=32 time=576ms TTL=62
Reply from 10.146.84.1: bytes=32 time=587ms TTL=62
Reply from 10.146.84.1: bytes=32 time=539ms TTL=62
Reply from 10.146.84.1: bytes=32 time=613ms TTL=62
Reply from 10.146.84.1: bytes=32 time=541ms TTL=62
Reply from 10.146.84.1: bytes=32 time=560ms TTL=62
Reply from 10.146.84.1: bytes=32 time=538ms TTL=62
Reply from 10.146.84.1: bytes=32 time=591ms TTL=62

Ping statistics for 10.146.84.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 538ms, Maximum = 613ms, Average = 567ms
```