TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Warley Gonçalves
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Gabriela de Melo Reis

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PROS-3535	384/153	VSAT

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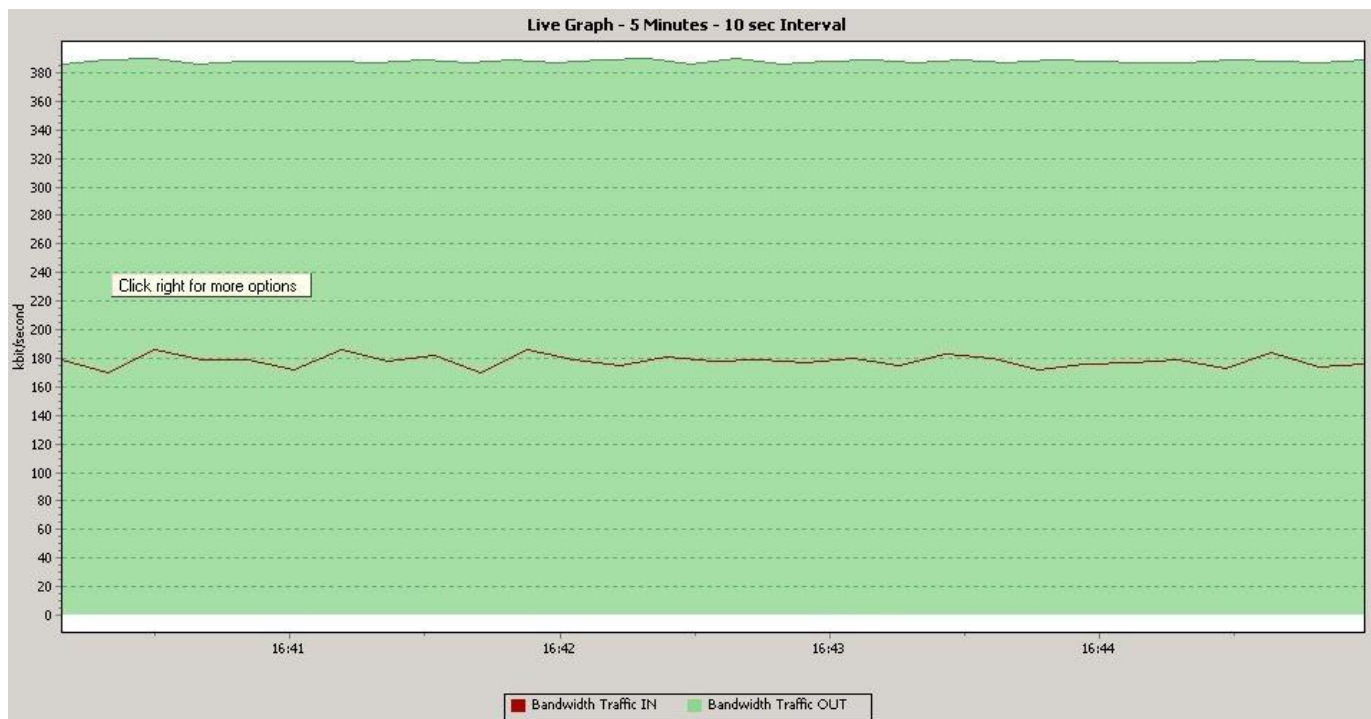
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588185 GHz
Symbol Rate         : 13.332863 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                 : 14.2 dB
Input Power         : -31 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
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     : -19.4 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : -128 us (261135 us)
Frequency correction: -120 Hz

IP DVB 10.148.1.47/32

Pinging 10.145.175.1 with 32 bytes of data:

Reply from 10.145.175.1: bytes=32 time=576ms TTL=62
Reply from 10.145.175.1: bytes=32 time=603ms TTL=62
Reply from 10.145.175.1: bytes=32 time=599ms TTL=62
Reply from 10.145.175.1: bytes=32 time=619ms TTL=62
Reply from 10.145.175.1: bytes=32 time=542ms TTL=62
Reply from 10.145.175.1: bytes=32 time=549ms TTL=62
Reply from 10.145.175.1: bytes=32 time=574ms TTL=62
Reply from 10.145.175.1: bytes=32 time=585ms TTL=62
Reply from 10.145.175.1: bytes=32 time=606ms TTL=62
Reply from 10.145.175.1: bytes=32 time=583ms TTL=62

Ping statistics for 10.145.175.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 542ms, Maximum = 619ms, Average = 583ms
```