TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Wellington Ferreira de Souza
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Valquíria Elivar dos Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BURO-3448	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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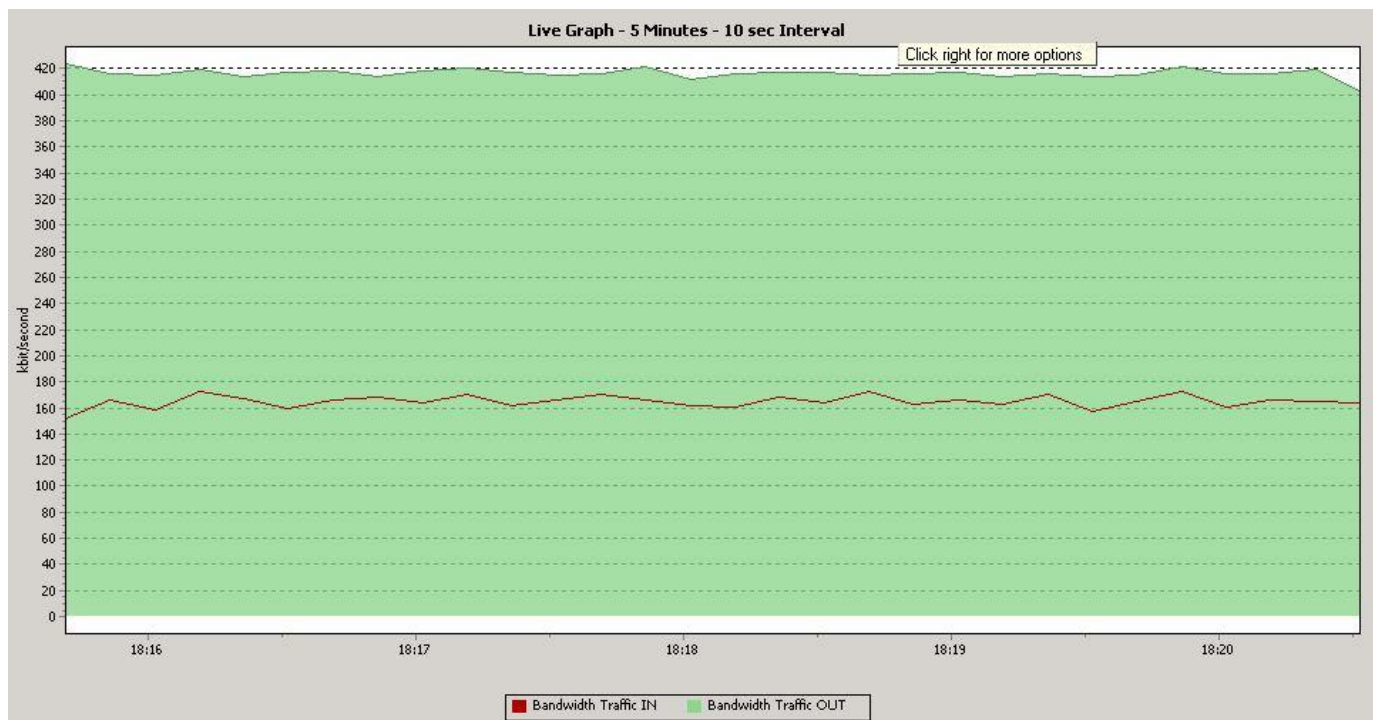
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency          : On
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0  0    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            : 11.588278 GHz
Symbol Rate          : 13.332978 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                  : 12.5 dB
Input Power          : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -24 dBm
IDU max output power: 0.0 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     : -20.9 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 14.0 dB
Header Compression   :  DSM-CC
Timing correction    : -85 us (260650 us)
Frequency correction: -90 Hz

IP DVB 10.148.0.238/32

Pinging 10.145.102.1 with 32 bytes of data:

Reply from 10.145.102.1: bytes=32 time=547ms TTL=62
Reply from 10.145.102.1: bytes=32 time=525ms TTL=62
Reply from 10.145.102.1: bytes=32 time=578ms TTL=62
Reply from 10.145.102.1: bytes=32 time=584ms TTL=62
Reply from 10.145.102.1: bytes=32 time=541ms TTL=62
Reply from 10.145.102.1: bytes=32 time=532ms TTL=62
Reply from 10.145.102.1: bytes=32 time=640ms TTL=62
Reply from 10.145.102.1: bytes=32 time=563ms TTL=62
Reply from 10.145.102.1: bytes=32 time=541ms TTL=62
Reply from 10.145.102.1: bytes=32 time=559ms TTL=62

Ping statistics for 10.145.102.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 525ms, Maximum = 640ms, Average = 561ms
```