prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Renato Bertolini
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Helga Cristina

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PEDO-5160	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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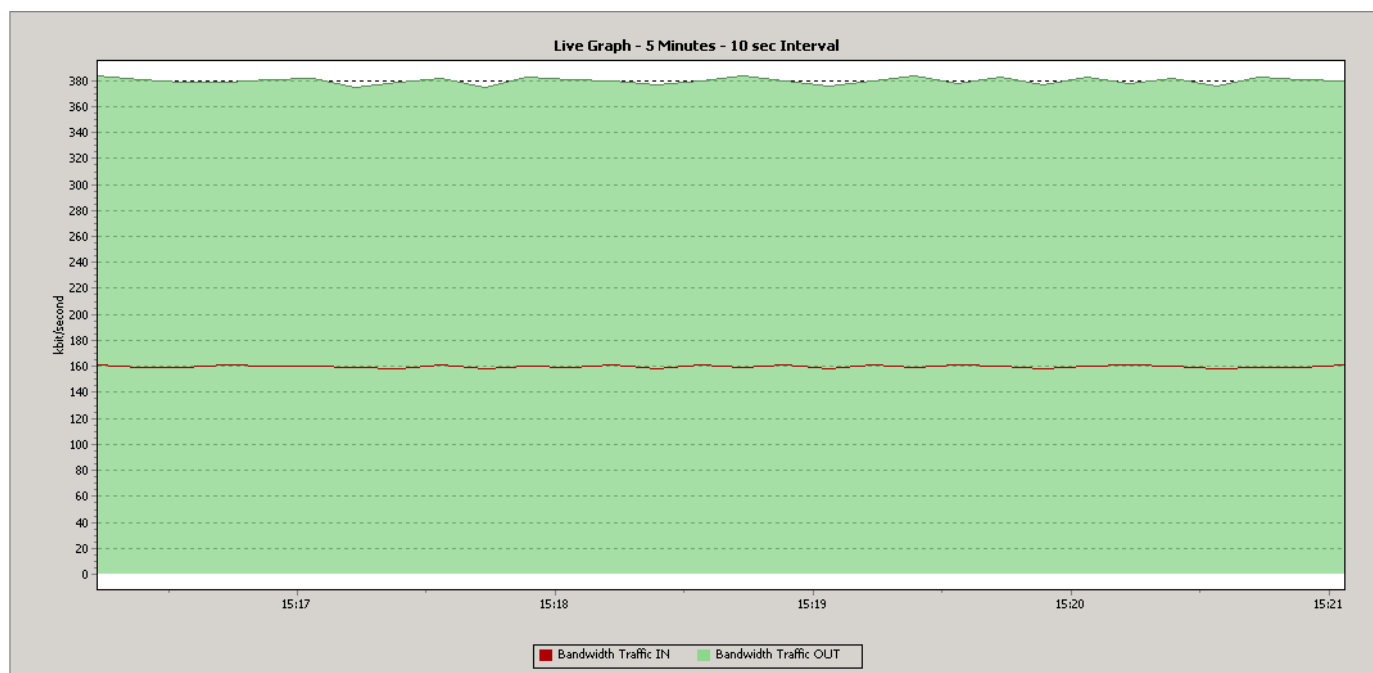
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx   Pri   SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0   0     45.000000       11.606250   DVB-S2 3          Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606217 GHz
Symbol Rate         : 45.000340 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 10.0 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
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     : -16.4 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -214 us (252364 us)
Frequency correction: 10 Hz



IP DVB: 10.148.5.203/32



Pinging 10.173.234.1 with 32 bytes of data:

Reply from 10.173.234.1: bytes=32 time=620ms TTL=62
Reply from 10.173.234.1: bytes=32 time=542ms TTL=62
Reply from 10.173.234.1: bytes=32 time=643ms TTL=62
Reply from 10.173.234.1: bytes=32 time=551ms TTL=62
Reply from 10.173.234.1: bytes=32 time=656ms TTL=62
Reply from 10.173.234.1: bytes=32 time=572ms TTL=62
Reply from 10.173.234.1: bytes=32 time=670ms TTL=62
Reply from 10.173.234.1: bytes=32 time=586ms TTL=62
Reply from 10.173.234.1: bytes=32 time=679ms TTL=62
Reply from 10.173.234.1: bytes=32 time=602ms TTL=62

Ping statistics for 10.173.234.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 679ms, Average = 612ms
```