prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Mariana Rodrigues Pereira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBTE-5187	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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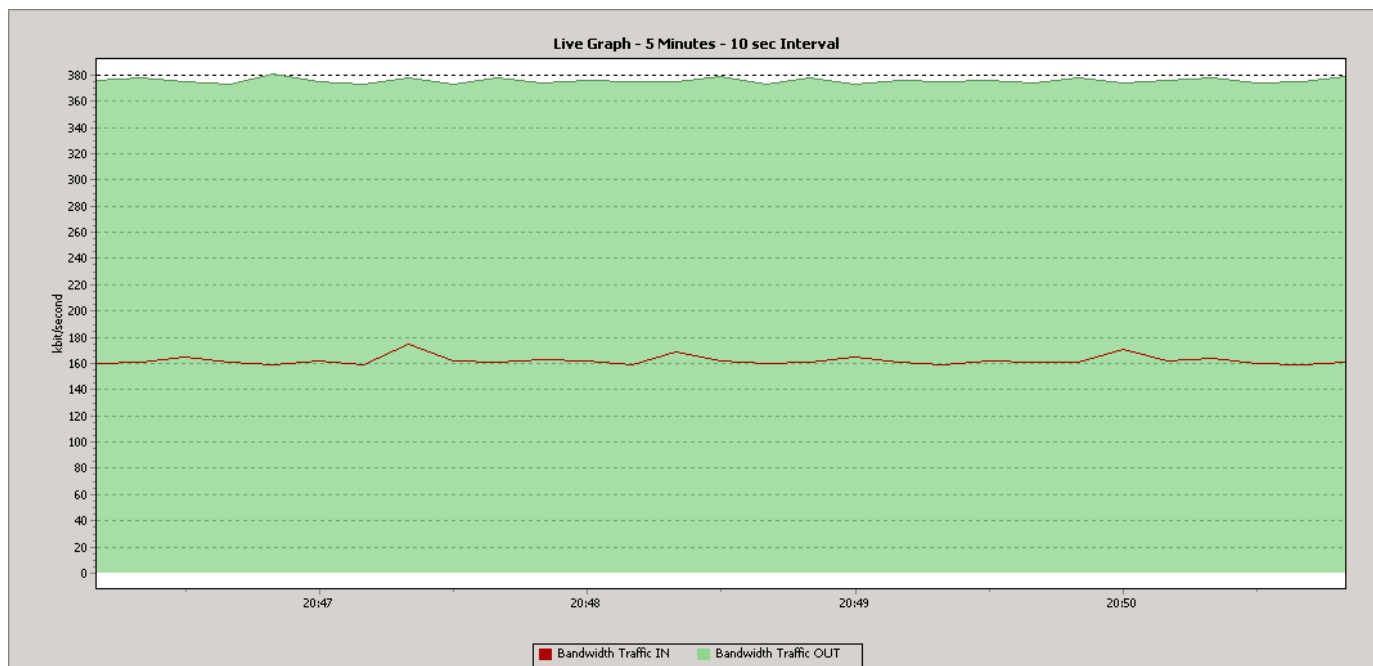
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.607133 GHz
Symbol Rate         : 45.000037 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                 : 9.6 dB
Input Power         : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 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      : -18.8 dBm
ODU Output Power      : 32.5 dBm
EIRP                  : 45.8 dBW
Es/No                 : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : 149 us (252189 us)
Frequency correction: 140 Hz


IP DVB: 10.148.5.144/32


Pinging 10.173.253.1 with 32 bytes of data:

Reply from 10.173.253.1: bytes=32 time=589ms TTL=62
Reply from 10.173.253.1: bytes=32 time=535ms TTL=62
Reply from 10.173.253.1: bytes=32 time=604ms TTL=62
Reply from 10.173.253.1: bytes=32 time=520ms TTL=62
Reply from 10.173.253.1: bytes=32 time=533ms TTL=62
Reply from 10.173.253.1: bytes=32 time=535ms TTL=62
Reply from 10.173.253.1: bytes=32 time=547ms TTL=62
Reply from 10.173.253.1: bytes=32 time=549ms TTL=62
Reply from 10.173.253.1: bytes=32 time=562ms TTL=62
Reply from 10.173.253.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.173.253.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 520ms, Maximum = 604ms, Average = 553ms
```