prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** São Pedro Gonçalves Botelho
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Igor Roberto Jorge

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-COTE-5544	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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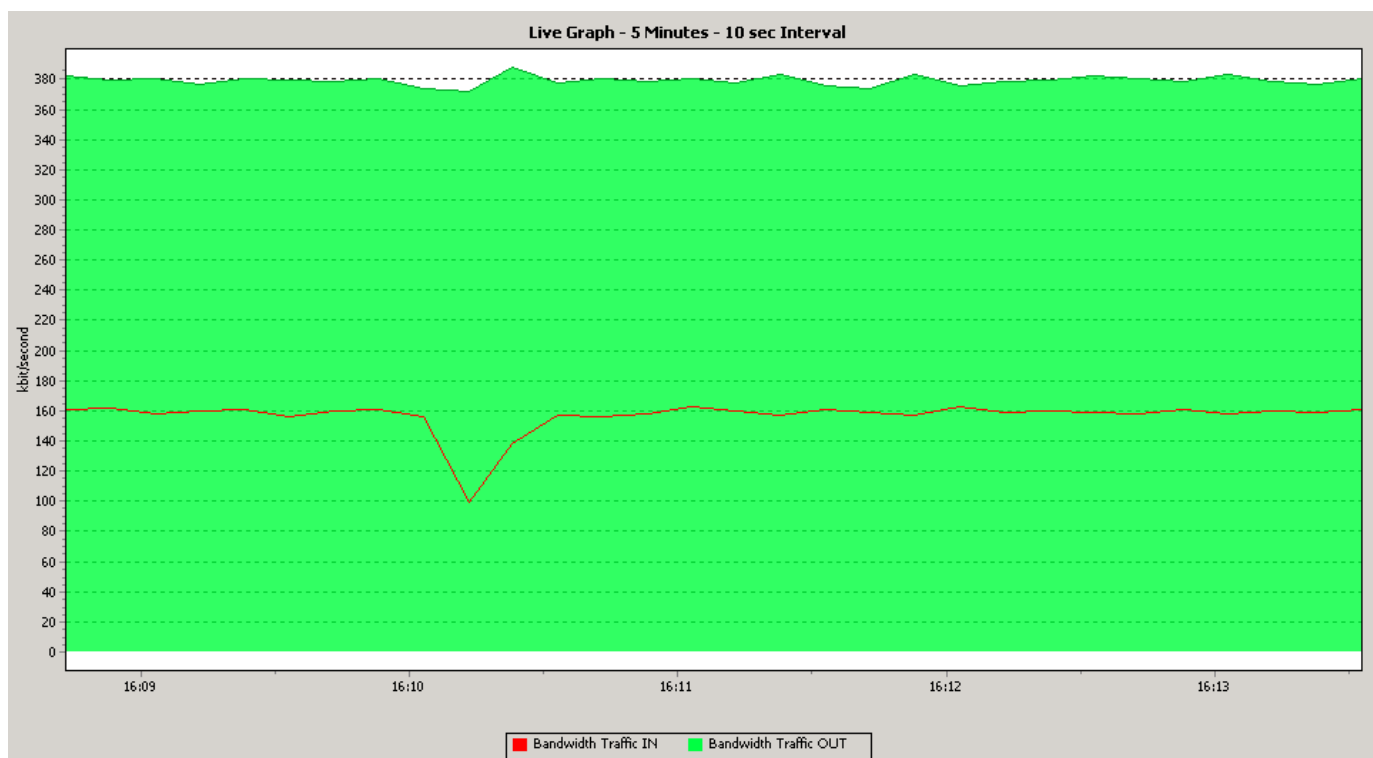
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000      11.606250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606321 GHz
Symbol Rate         : 44.999815 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            : 0.35
SNR                 : 9.8 dB
Input Power         : -30 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -18 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     : -14.7 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 8.5 dB
Header Compression   :  DSM-CC
Timing correction    : 41 us (252180 us)
Frequency correction: -70 Hz


IP DVB 10.148.3.154/32


Pinging 10.173.89.1 with 32 bytes of data:

Reply from 10.173.89.1: bytes=32 time=540ms TTL=62
Reply from 10.173.89.1: bytes=32 time=547ms TTL=62
Reply from 10.173.89.1: bytes=32 time=571ms TTL=62
Reply from 10.173.89.1: bytes=32 time=578ms TTL=62
Reply from 10.173.89.1: bytes=32 time=601ms TTL=62
Reply from 10.173.89.1: bytes=32 time=520ms TTL=62
Reply from 10.173.89.1: bytes=32 time=564ms TTL=62
Reply from 10.173.89.1: bytes=32 time=556ms TTL=62
Reply from 10.173.89.1: bytes=32 time=564ms TTL=62
Reply from 10.173.89.1: bytes=32 time=523ms TTL=62

Ping statistics for 10.173.89.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 520ms, Maximum = 601ms, Average = 556ms
```