prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Victor Hugo Fonseca
GRE/Prodemge: Agnaldo de Matos	**Responsável/cliente:** Letícia Andrade Correia

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ARVA-4498	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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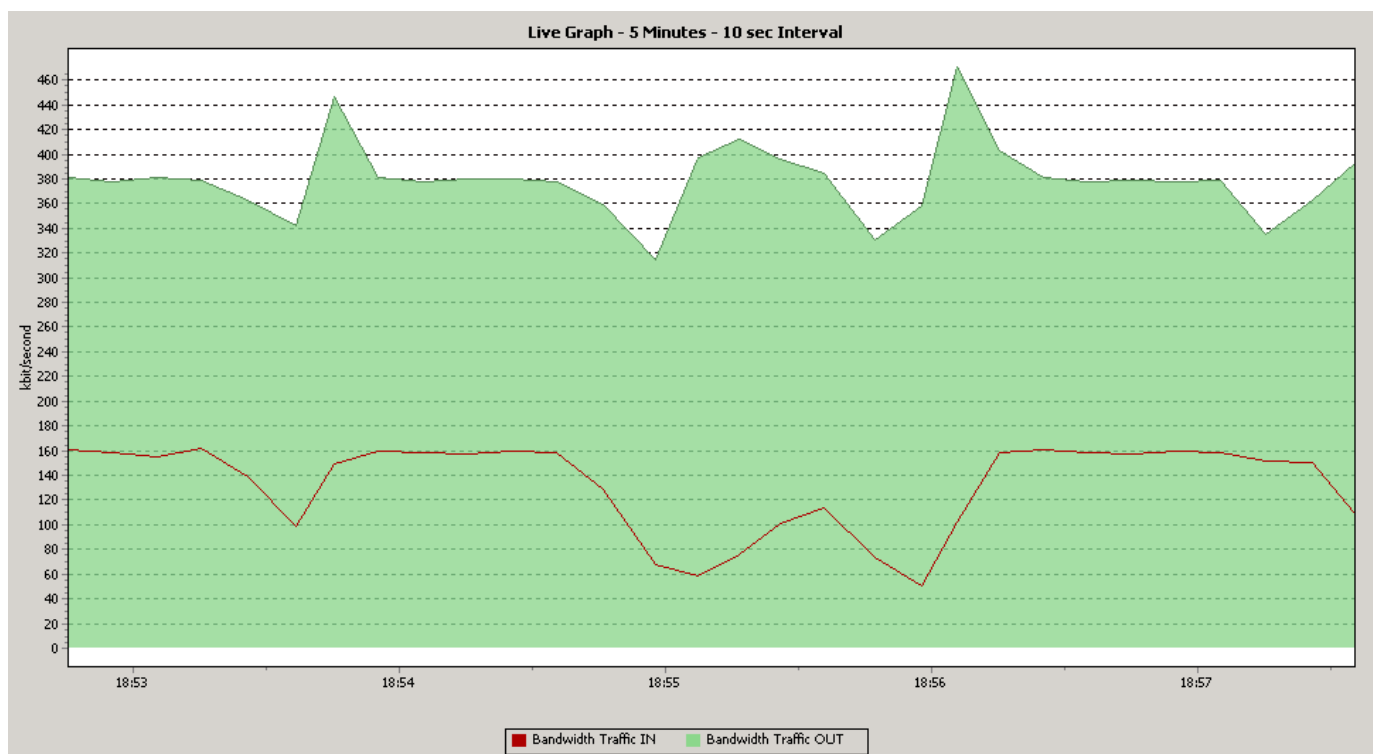
```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000      11.606250  DVB-S2 2         Yes
  1   1     0.000000       0.000000  DVB-S2 2         Yes

Satellite (DVB) Receiver Status
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Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606523 GHz
Symbol Rate         : 45.000360 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 10   QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 8.7 dB
Input Power         : -16 dBm
#
```

```
Satellite (DVB) TX Configuration
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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     : -17.5 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 8.0 dB
Header Compression   :  DSM-CC
Timing correction    : 39 us (251057 us)
Frequency correction: 100 Hz


IP DVB 10.148.4.200/32


Pinging 10.172.177.1 with 32 bytes of data:

Reply from 10.172.177.1: bytes=32 time=605ms TTL=62
Reply from 10.172.177.1: bytes=32 time=771ms TTL=62
Reply from 10.172.177.1: bytes=32 time=667ms TTL=62
Reply from 10.172.177.1: bytes=32 time=808ms TTL=62
Reply from 10.172.177.1: bytes=32 time=569ms TTL=62
Reply from 10.172.177.1: bytes=32 time=544ms TTL=62
Reply from 10.172.177.1: bytes=32 time=525ms TTL=62
Reply from 10.172.177.1: bytes=32 time=597ms TTL=62
Reply from 10.172.177.1: bytes=32 time=688ms TTL=62
Reply from 10.172.177.1: bytes=32 time=630ms TTL=62

Ping statistics for 10.172.177.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 525ms, Maximum = 808ms, Average = 640ms
```