prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** João
GRE/Prodemge: Aguinaldo de Matos Fonseca	**Responsável/cliente:** Andrieni Emanueli Fonseca

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FAMA-4527	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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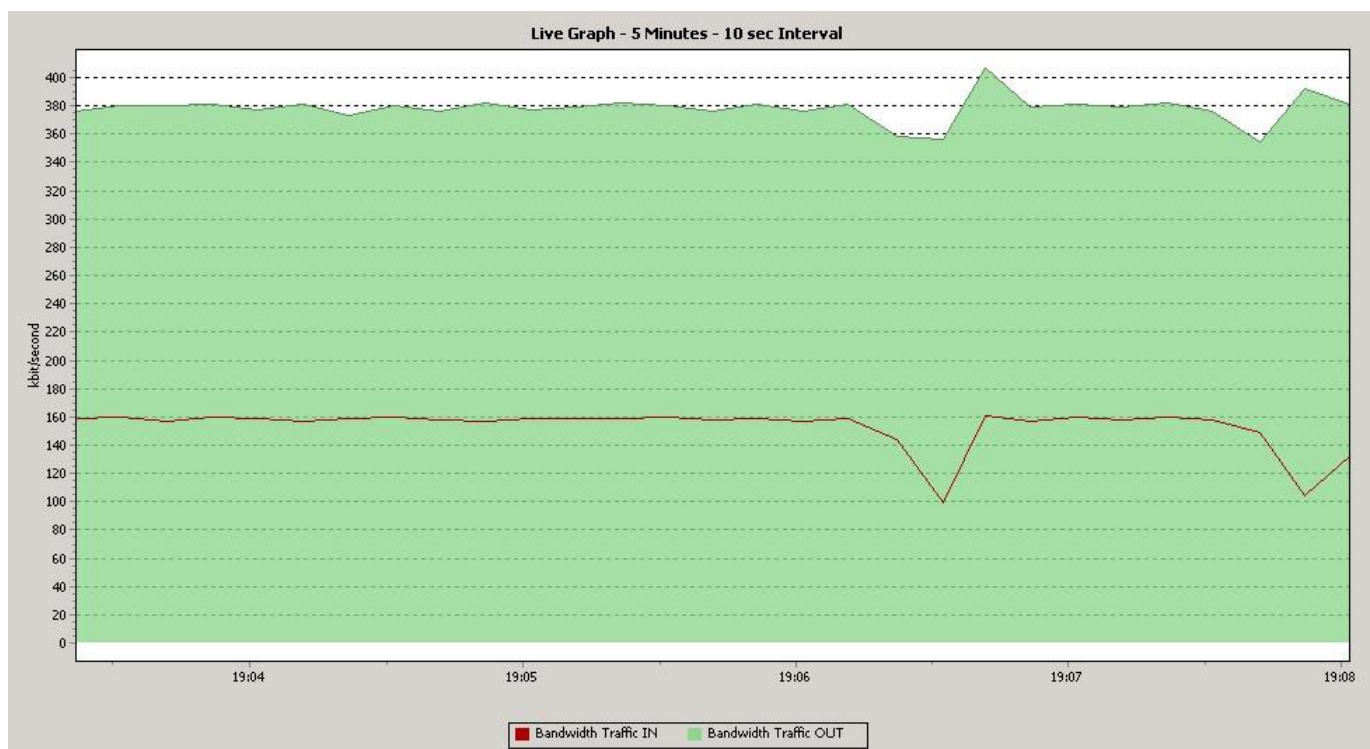
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.607028 GHz
Symbol Rate         : 44.999922 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                 : 9.8 dB
Input Power         : -29 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    : -17.7 dBm
ODU Output Power    : 34.2 dBm
EIRP                : 47.7 dBW
Es/No               : 12.0 dB
Header Compression  :  DSM-CC
Timing correction   : 63 us (253265 us)
Frequency correction: 80 Hz
#


IP DVB 10.148.4.92/32


Pinging 10.172.207.1 with 32 bytes of data:

Reply from 10.172.207.1: bytes=32 time=596ms TTL=62
Reply from 10.172.207.1: bytes=32 time=579ms TTL=62
Reply from 10.172.207.1: bytes=32 time=532ms TTL=62
Reply from 10.172.207.1: bytes=32 time=550ms TTL=62
Reply from 10.172.207.1: bytes=32 time=532ms TTL=62
Reply from 10.172.207.1: bytes=32 time=580ms TTL=62
Reply from 10.172.207.1: bytes=32 time=595ms TTL=62
Reply from 10.172.207.1: bytes=32 time=551ms TTL=62
Reply from 10.172.207.1: bytes=32 time=536ms TTL=62
Reply from 10.172.207.1: bytes=32 time=551ms TTL=62

Ping statistics for 10.172.207.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 596ms, Average = 560ms
```