prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Ivanil Vitor dos Anjos
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Claudinei Torres Santana

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SEHA-5265	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
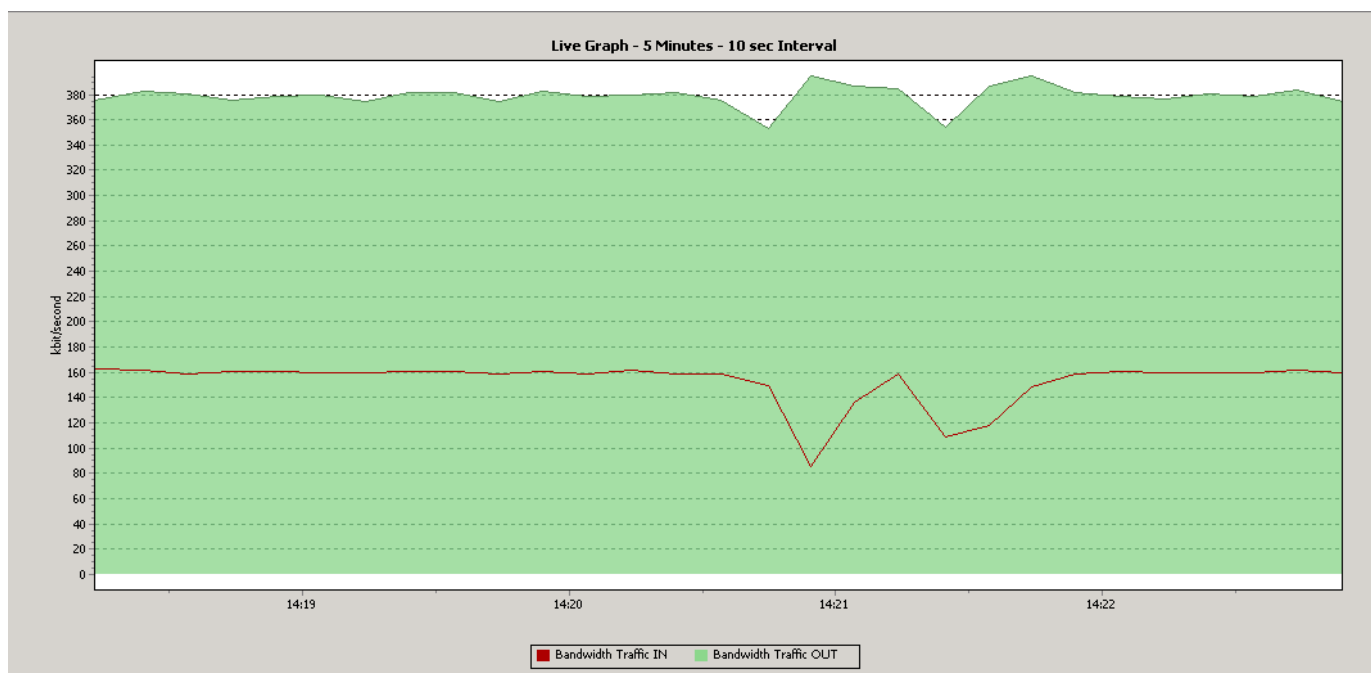
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.606690 GHz
Symbol Rate         : 45.000373 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                 : 9.9 dB
Input Power         : -30 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     : -16.3 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : 100 us (250840 us)
Frequency correction : 50 Hz




IP DVB: 10.148.5.179/32




Pinging 10.174.63.1 with 32 bytes of data:

Reply from 10.174.63.1: bytes=32 time=545ms TTL=62
Reply from 10.174.63.1: bytes=32 time=551ms TTL=62
Reply from 10.174.63.1: bytes=32 time=560ms TTL=62
Reply from 10.174.63.1: bytes=32 time=565ms TTL=62
Reply from 10.174.63.1: bytes=32 time=574ms TTL=62
Reply from 10.174.63.1: bytes=32 time=579ms TTL=62
Reply from 10.174.63.1: bytes=32 time=588ms TTL=62
Reply from 10.174.63.1: bytes=32 time=525ms TTL=62
Reply from 10.174.63.1: bytes=32 time=563ms TTL=62
Reply from 10.174.63.1: bytes=32 time=540ms TTL=62

Ping statistics for 10.174.63.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 525ms, Maximum = 588ms, Average = 559ms
```