prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Bruno Resston Moreira	**Operadora/Cliente:** Jair Oliveira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Viviane de Oliveira Figueiredo

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BOCA-3911	384/153	VSAT
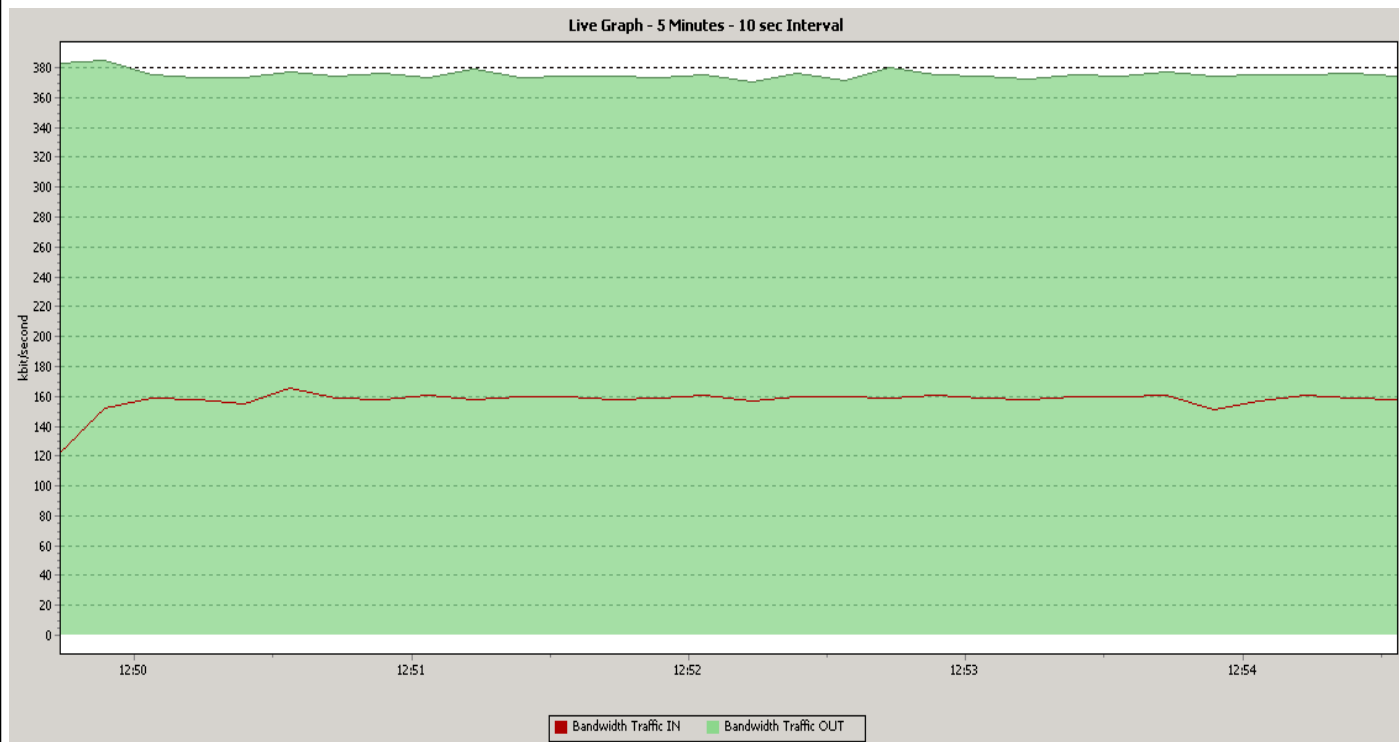

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]   Mode   PopId   Enable
* 0  0    13.333000      11.588250   DVB-S2 2         Yes
  1  1    0.000000       0.000000    DVB-S2 0         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588640 GHz
Symbol Rate         : 13.333013 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.8 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 14.125500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -13.1 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 13.0 dB
Header Compression   :  DSM-CC
Timing correction    : -241 us (261765 us)
Frequency correction: -330 Hz

IP DVB: 10.148.1.193/32

Pinging 10.146.182.1 with 32 bytes of data:

Reply from 10.146.182.1: bytes=32 time=540ms TTL=62
Reply from 10.146.182.1: bytes=32 time=648ms TTL=62
Reply from 10.146.182.1: bytes=32 time=539ms TTL=62
Reply from 10.146.182.1: bytes=32 time=591ms TTL=62
Reply from 10.146.182.1: bytes=32 time=602ms TTL=62
Reply from 10.146.182.1: bytes=32 time=622ms TTL=62
Reply from 10.146.182.1: bytes=32 time=545ms TTL=62
Reply from 10.146.182.1: bytes=32 time=556ms TTL=62
Reply from 10.146.182.1: bytes=32 time=577ms TTL=62
Reply from 10.146.182.1: bytes=32 time=555ms TTL=62

Ping statistics for 10.146.182.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 648ms, Average = 577ms
```