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: João Antinossi	**Responsável/cliente:** Renata Alves Cordeiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FRIS-4446	384/153	VSAT
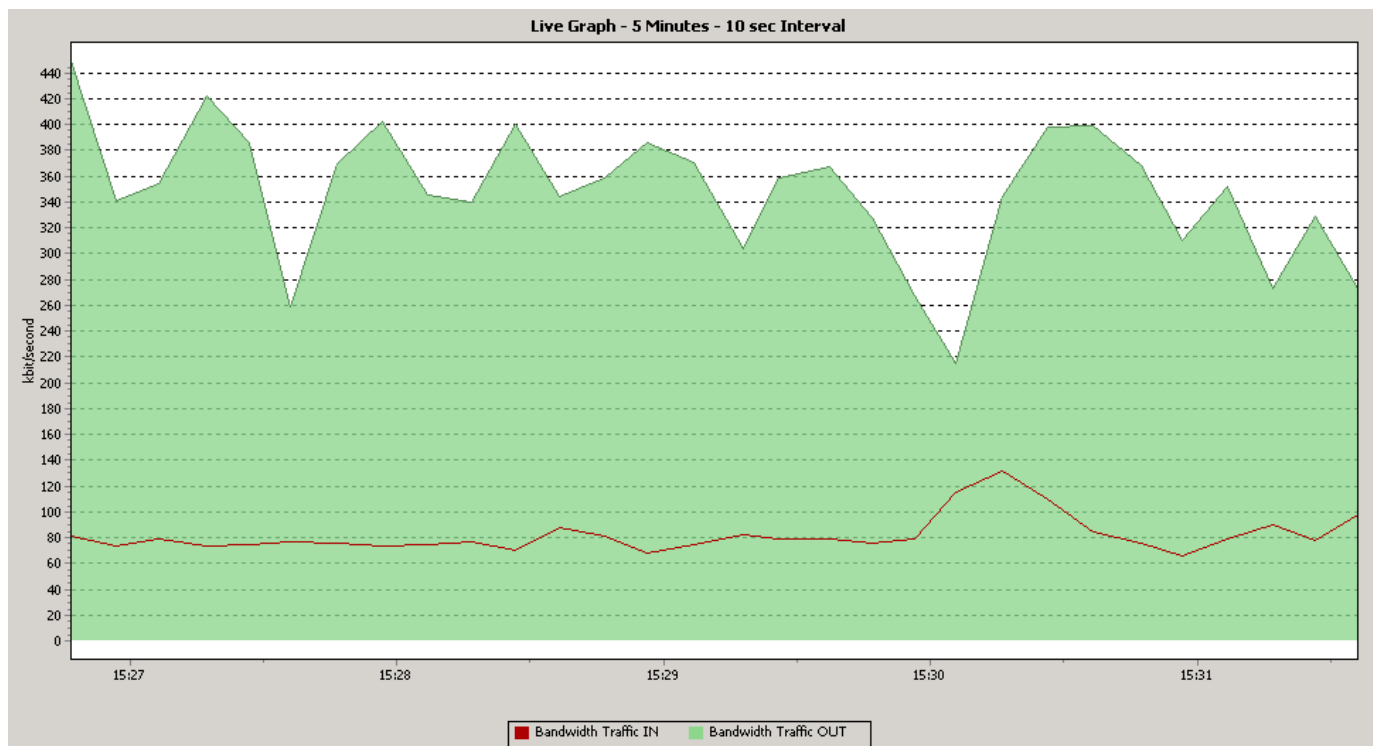

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606481 GHz
Symbol Rate         : 44.999989 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                 : 9.0 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: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -12.2 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -81 us (250859 us)
Frequency correction: 60 Hz


IP DVB 10.148.4.209/32


Pinging 10.172.124.1 with 32 bytes of data:

Reply from 10.172.124.1: bytes=32 time=524ms TTL=62
Reply from 10.172.124.1: bytes=32 time=600ms TTL=62
Reply from 10.172.124.1: bytes=32 time=586ms TTL=62
Reply from 10.172.124.1: bytes=32 time=542ms TTL=62
Reply from 10.172.124.1: bytes=32 time=563ms TTL=62
Reply from 10.172.124.1: bytes=32 time=542ms TTL=62
Reply from 10.172.124.1: bytes=32 time=592ms TTL=62
Reply from 10.172.124.1: bytes=32 time=607ms TTL=62
Reply from 10.172.124.1: bytes=32 time=557ms TTL=62
Reply from 10.172.124.1: bytes=32 time=588ms TTL=62

Ping statistics for 10.172.124.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 524ms, Maximum = 607ms, Average = 570ms
```