prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Mario Lucio Souza da SIlva
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Carolina Nascimento

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CHOR-4549	384/153	VSAT
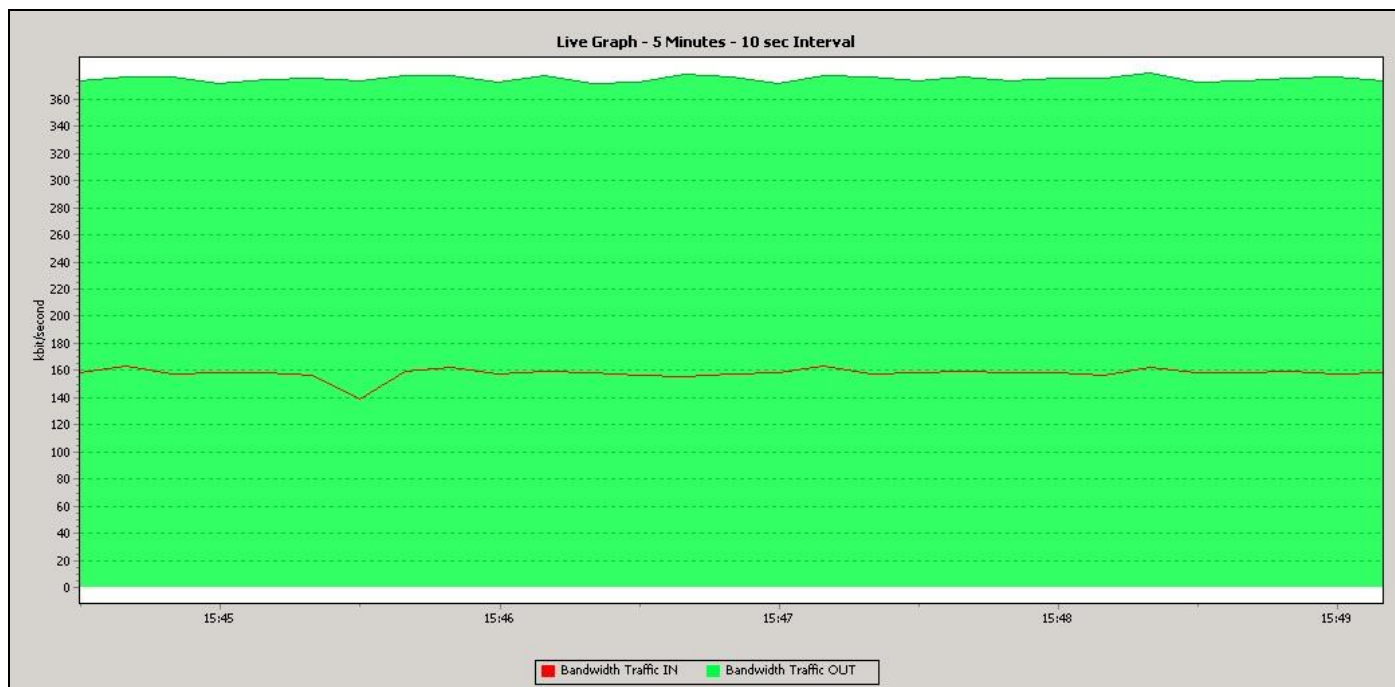

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId   Enable
* 0   0    45.000000       11.606250  DVB-S2  3        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606545 GHz
Symbol Rate         : 44.999644 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                 : 9.2 dB
Input Power         : -35 dBm
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -15 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     : -13.6 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 151 us (252230 us)
Frequency correction: 120 Hz


IP DVB: 10.148.5.91/32


Pinging 10.172.225.1 with 32 bytes of data:

Reply from 10.172.225.1: bytes=32 time=529ms TTL=62
Reply from 10.172.225.1: bytes=32 time=576ms TTL=62
Reply from 10.172.225.1: bytes=32 time=591ms TTL=62
Reply from 10.172.225.1: bytes=32 time=547ms TTL=62
Reply from 10.172.225.1: bytes=32 time=621ms TTL=62
Reply from 10.172.225.1: bytes=32 time=545ms TTL=62
Reply from 10.172.225.1: bytes=32 time=561ms TTL=62
Reply from 10.172.225.1: bytes=32 time=669ms TTL=62
Reply from 10.172.225.1: bytes=32 time=594ms TTL=62
Reply from 10.172.225.1: bytes=32 time=606ms TTL=62

Ping statistics for 10.172.225.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss)
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 669ms, Average = 583ms
```