prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Gilson Moreira de Jesus

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-IBAI-3451	384/153	VSAT

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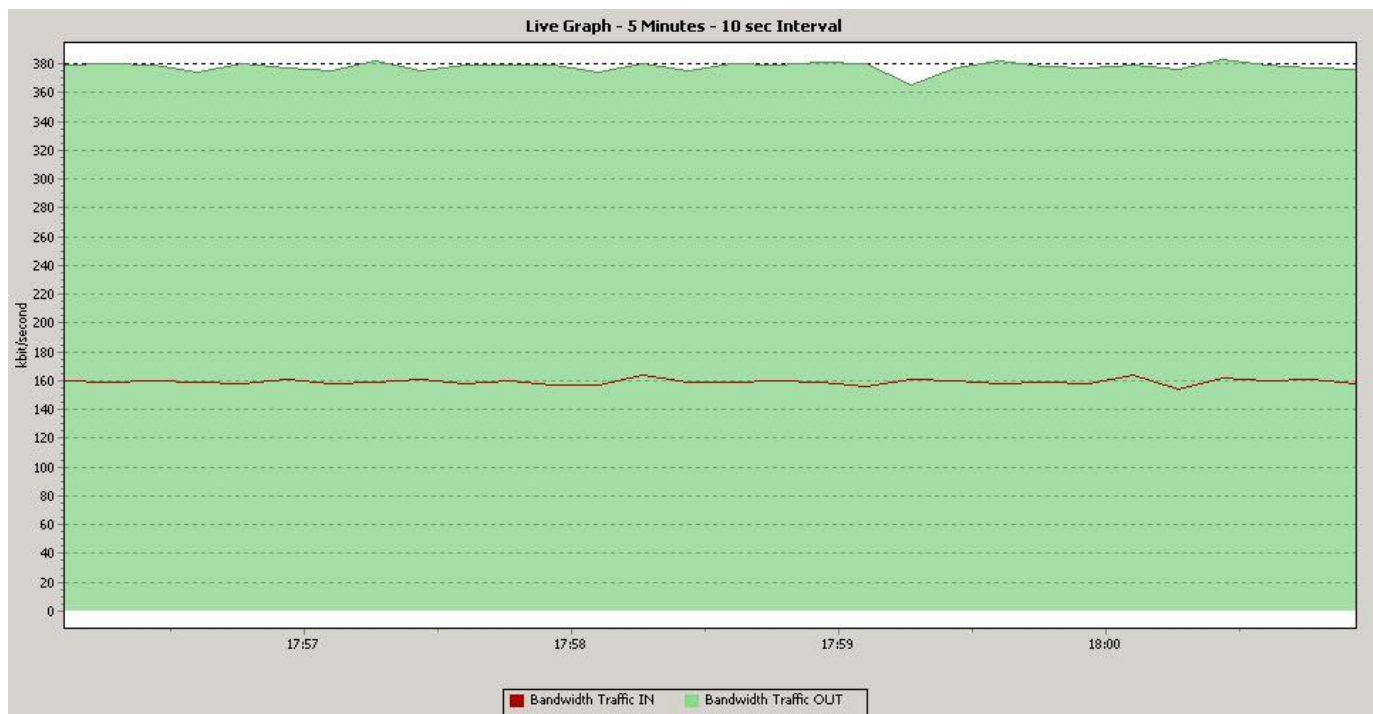
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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 2         Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588471 GHz
Symbol Rate         : 13.333035 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 11.4 dB
Input Power         : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -19 dBm
IDU max output power: 0.0 dBm
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     : -17.3 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : -81 us (260515 us)
Frequency correction: -120 Hz

IP DVB 10.145.99.1/32

Pinging 10.145.99.1 with 32 bytes of data:

Reply from 10.145.99.1: bytes=32 time=539ms TTL=62
Reply from 10.145.99.1: bytes=32 time=559ms TTL=62
Reply from 10.145.99.1: bytes=32 time=538ms TTL=62
Reply from 10.145.99.1: bytes=32 time=590ms TTL=62
Reply from 10.145.99.1: bytes=32 time=602ms TTL=62
Reply from 10.145.99.1: bytes=32 time=554ms TTL=62
Reply from 10.145.99.1: bytes=32 time=547ms TTL=62
Reply from 10.145.99.1: bytes=32 time=558ms TTL=62
Reply from 10.145.99.1: bytes=32 time=579ms TTL=62
Reply from 10.145.99.1: bytes=32 time=589ms TTL=62

Ping statistics for 10.145.99.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 538ms, Maximum = 602ms, Average = 565ms
```