prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Lislei Ribeiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OUNO-5055	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT
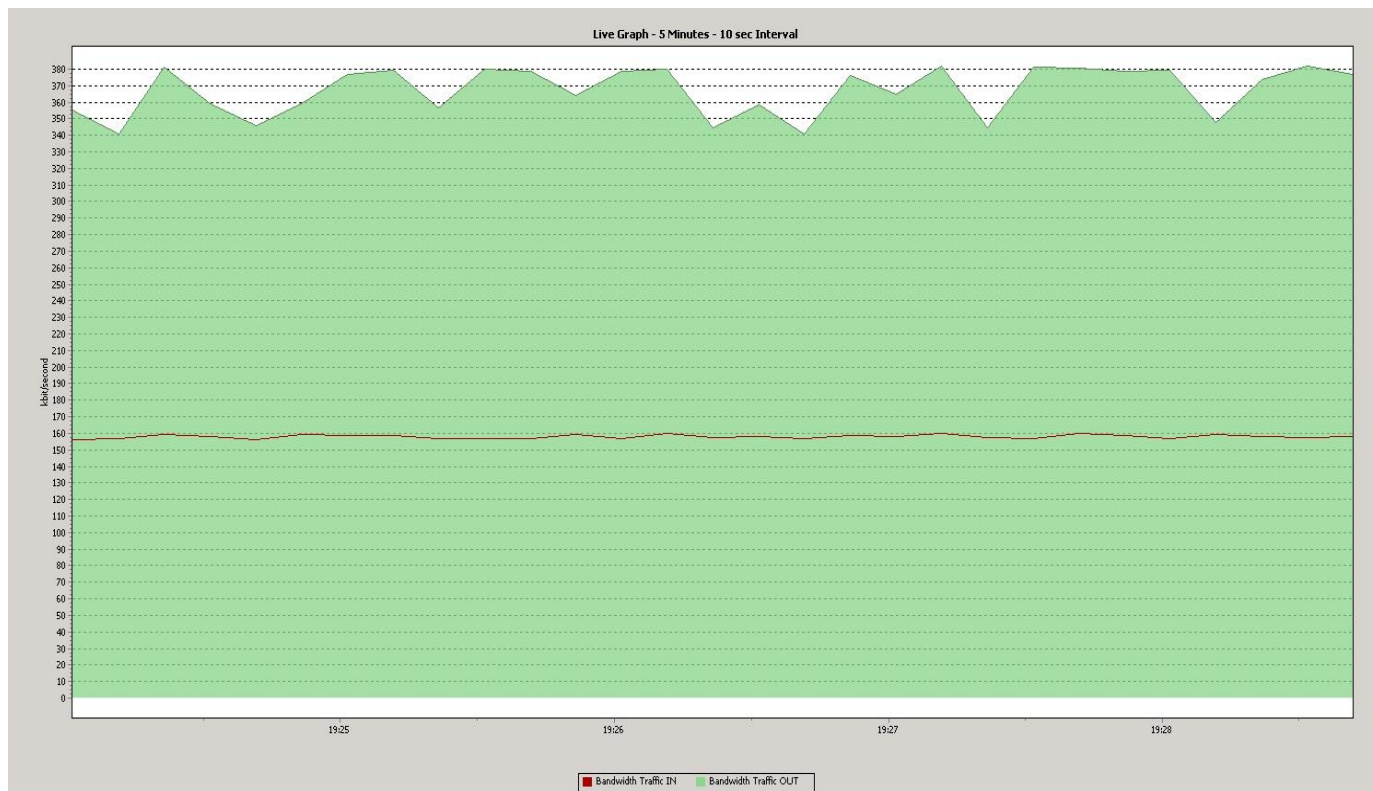
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId    Enable
* 0   0    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           : 11.607521 GHz
Symbol Rate         : 45.000565 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 9   QPSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 8.4 dB
Input Power         : -23 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -17 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    : -13.4 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.3 dBW
Es/No               : 7.0 dB
Header Compression  :  DSM-CC
Timing correction   : 64 us (253720 us)
Frequency correction: 90 Hz


IP DVB: 10.148.4.201/32


 C:\>ping -n 10 10.173.159.1

 Pinging 10.173.159.1 with 32 bytes of data:

 Reply from 10.173.159.1: bytes=32 time=586ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=542ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=602ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=651ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=648ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=656ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=686ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=636ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=546ms TTL=62
 Reply from 10.173.159.1: bytes=32 time=600ms TTL=62

 Ping statistics for 10.173.159.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 542ms, Maximum = 686ms, Average = 615ms
```