prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Efigenia Siqueira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-NAIA-5790	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT
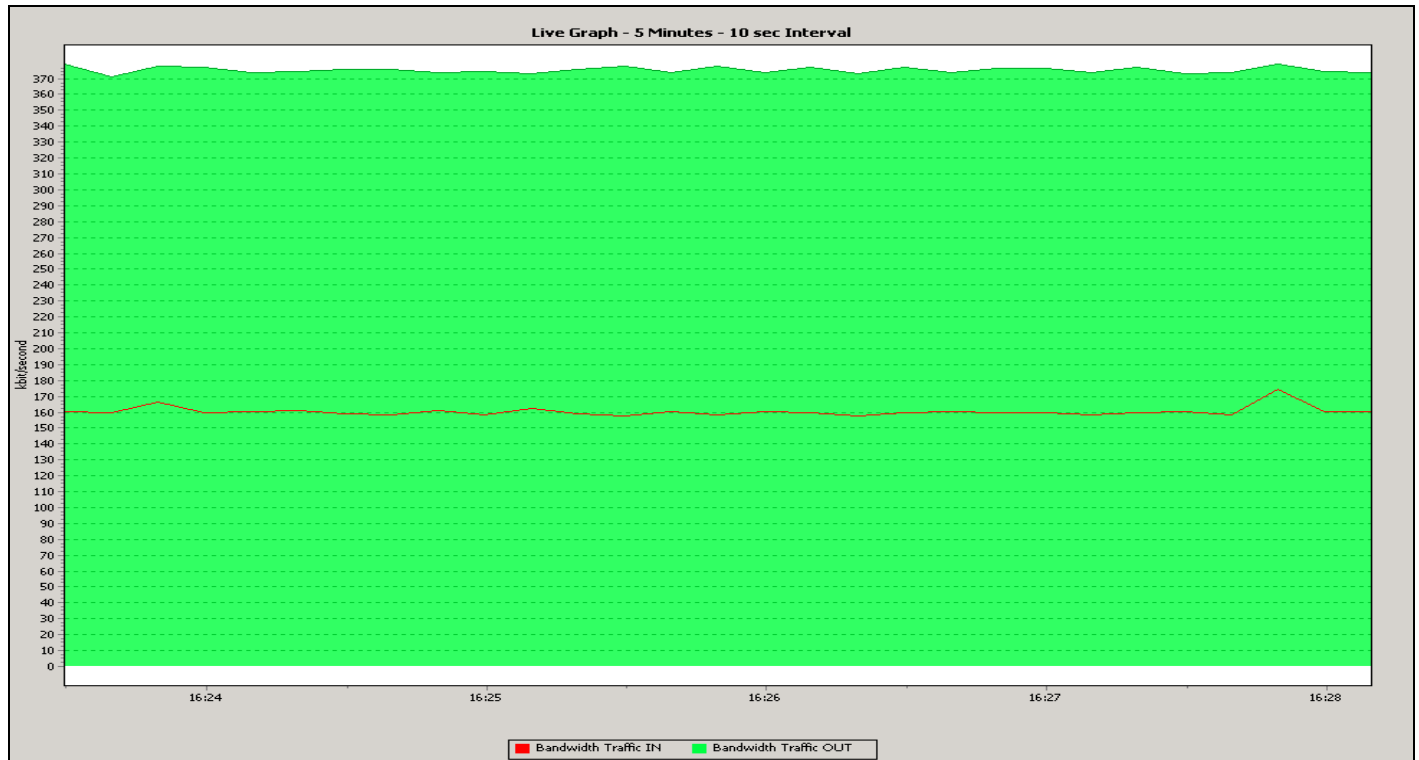
```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : max
EIRP                : max
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC
Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -18.5 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Es/No               : 10.5 dB
Header Compression  :  DSM-CC
Timing correction   : 49 us (253315 us)
Frequency correction: -100 Hz
```

```
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
  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            : 11.605997 GHz
Symbol Rate          : 44.999274 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                  : 9.3 dB
Input Power          : -34 dBm

IP DVB 10.148.6.190/32

Pinging 10.175.205.1 with 32 bytes of data:

Reply from 10.175.205.1: bytes=32 time=955ms TTL=62
Reply from 10.175.205.1: bytes=32 time=949ms TTL=62
Reply from 10.175.205.1: bytes=32 time=956ms TTL=62
Reply from 10.175.205.1: bytes=32 time=881ms TTL=62
Reply from 10.175.205.1: bytes=32 time=879ms TTL=62
Reply from 10.175.205.1: bytes=32 time=887ms TTL=62
Reply from 10.175.205.1: bytes=32 time=889ms TTL=62
Reply from 10.175.205.1: bytes=32 time=892ms TTL=62
Reply from 10.175.205.1: bytes=32 time=899ms TTL=62
Reply from 10.175.205.1: bytes=32 time=532ms TTL=62

Ping statistics for 10.175.205.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 956ms, Average = 871ms
```