prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente: Victor Hugo**
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Elen Pires

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ITBA-5999	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
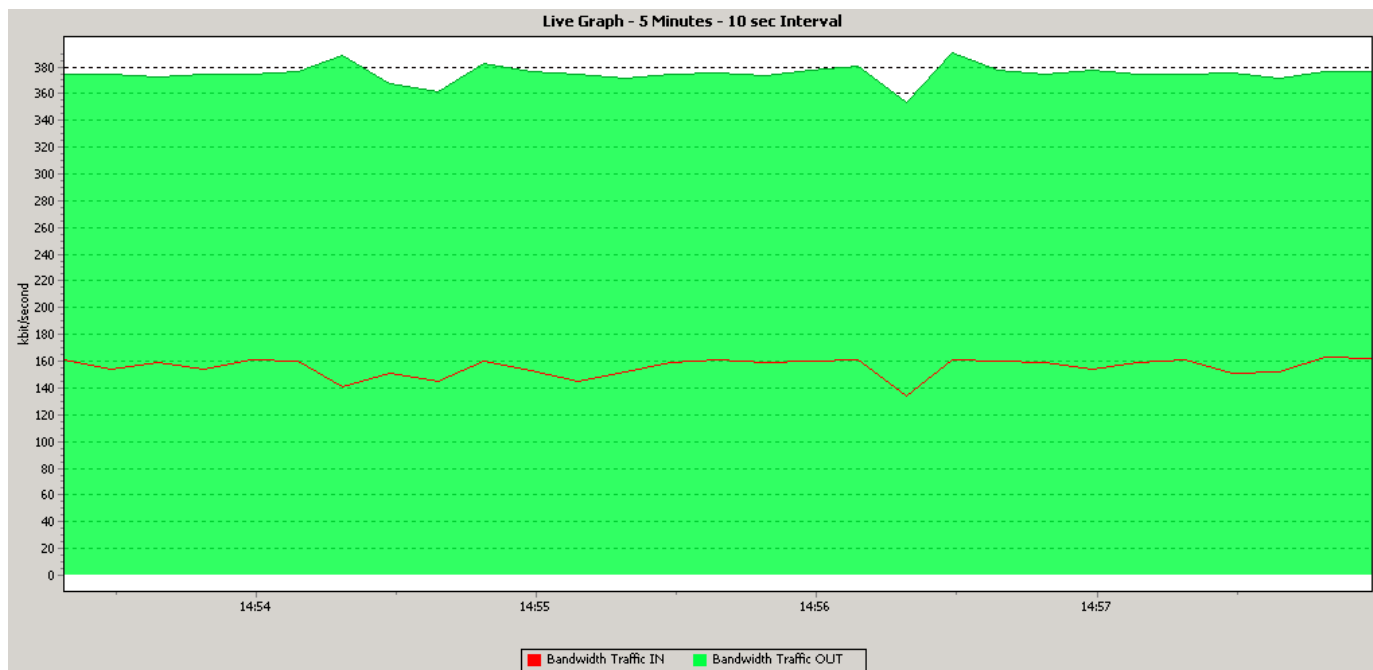
```
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -25 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : max
EIRP                : max
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State               : On (TDMA)
IDU Output Power    : -13.9 dBm
ODU Output Power    : 34.6 dBm
EIRP                : 47.9 dBW
Es/No               : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -6 us (251085 us)
Frequency correction: -200 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

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606683 GHz
Symbol Rate         : 44.999828 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 11.0 dB
Input Power         : -30 dBm

IP DVB: 10.148.7.20/32

Pinging 10.175.92.1 with 32 bytes of data:

Reply from 10.175.92.1: bytes=32 time=555ms TTL=62
Reply from 10.175.92.1: bytes=32 time=556ms TTL=62
Reply from 10.175.92.1: bytes=32 time=569ms TTL=62
Reply from 10.175.92.1: bytes=32 time=571ms TTL=62
Reply from 10.175.92.1: bytes=32 time=584ms TTL=62
Reply from 10.175.92.1: bytes=32 time=586ms TTL=62
Reply from 10.175.92.1: bytes=32 time=599ms TTL=62
Reply from 10.175.92.1: bytes=32 time=570ms TTL=62
Reply from 10.175.92.1: bytes=32 time=614ms TTL=62
Reply from 10.175.92.1: bytes=32 time=529ms TTL=62

Ping statistics for 10.175.92.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 614ms, Average = 573ms
```