	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Victor Hugo
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Elaine Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-COEL-4441	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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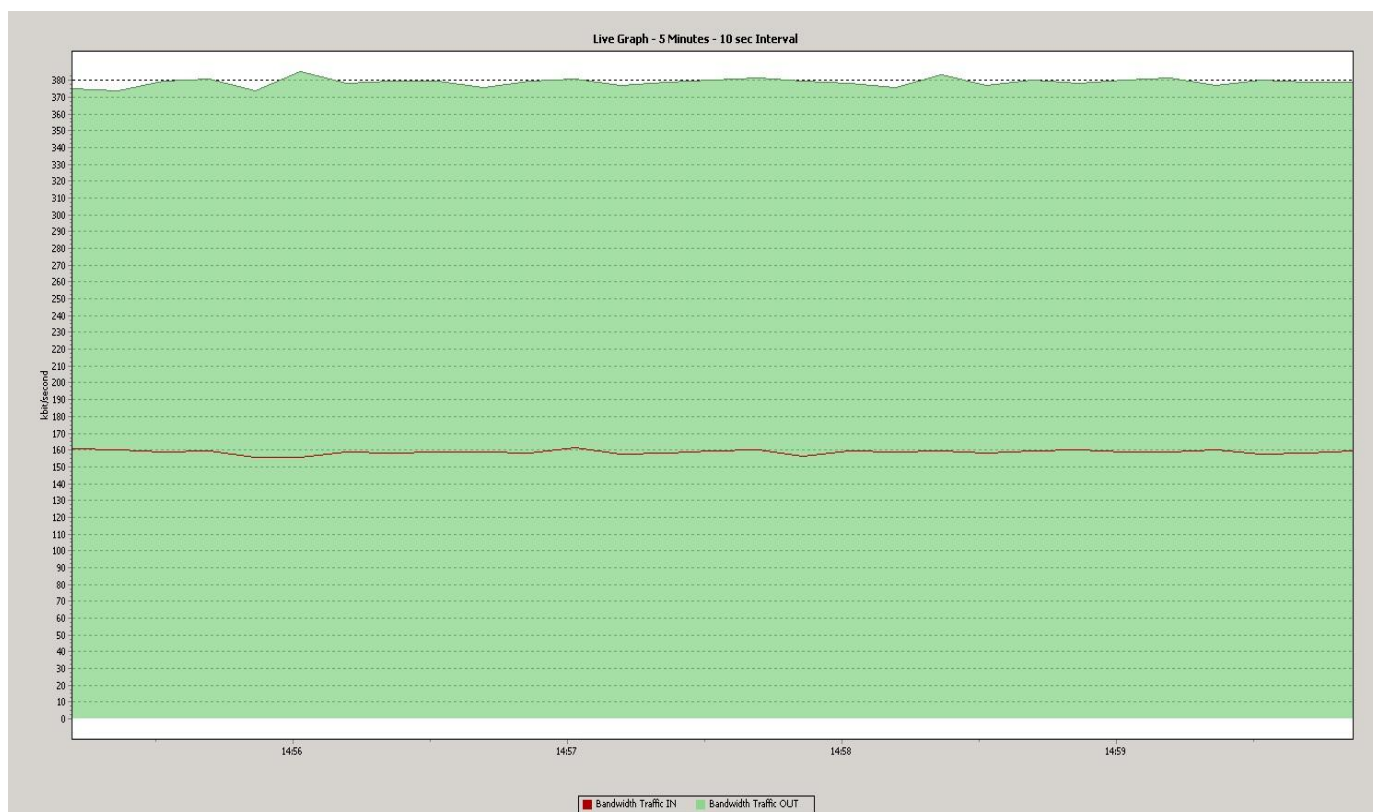
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute


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           : 11.606602 GHz
Symbol Rate         : 44.999225 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 10.2 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -11 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      : -11.0 dBm
ODU Output Power      : 35.5 dBm
EIRP                  : 48.8 dBW
Es/No                 : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : 78 us (253180 us)
Frequency correction: -60 Hz

IP DVB: 10.148.5.206/32


 Pinging 10.172.121.1 with 32 bytes of data:

 Reply from 10.172.121.1: bytes=32 time=617ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=540ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=552ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=570ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=583ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=537ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=523ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=536ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=555ms TTL=62
 Reply from 10.172.121.1: bytes=32 time=569ms TTL=62

 Ping statistics for 10.172.121.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 523ms, Maximum = 617ms, Average = 558ms
```