TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marcio Antonio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Luiz Renato

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CRNI-4094	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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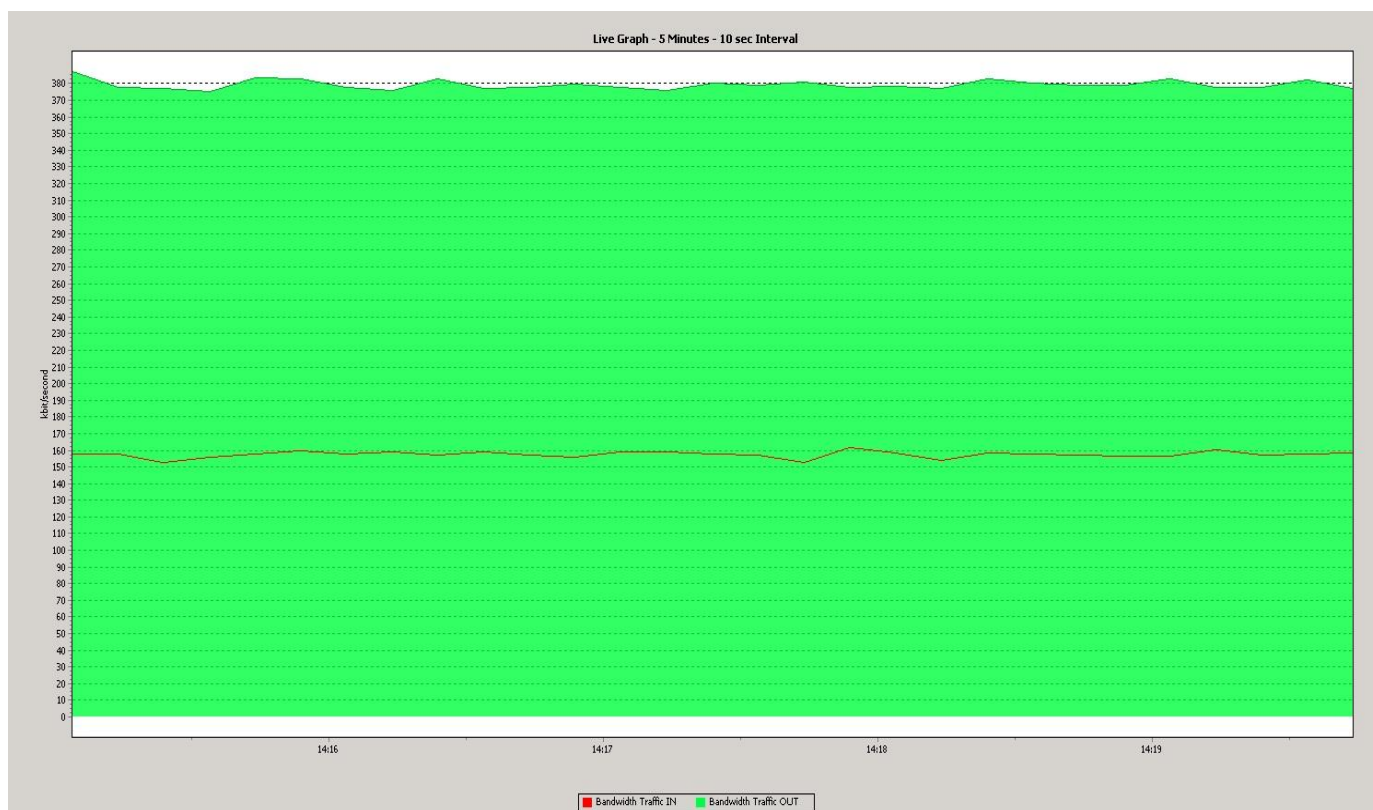
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start            : Enabled
Max MODCOD            : 15    8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog           : 15 minute

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             : 11.606254 GHz
Symbol Rate           : 44.999780 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                   : 9.4 dB
Input Power           : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 28.7 dBm
EIRP                : 42.0 dBW
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    : -24.6 dBm
ODU Output Power    : 28.9 dBm
EIRP                : 42.2 dBW
Es/No               : 8.5 dB
Header Compression  :  DSM-CC
Timing correction   : -102 us (252278 us)
Frequency correction: -70 Hz


IP DVB: 10.148.4.24/32


 C:\>ping -n 10 10.147.96.1

 Pinging 10.147.96.1 with 32 bytes of data:

 Reply from 10.147.96.1: bytes=32 time=558ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=561ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=582ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=567ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=515ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=535ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=545ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=565ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=577ms TTL=62
 Reply from 10.147.96.1: bytes=32 time=596ms TTL=62

 Ping statistics for 10.147.96.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 515ms, Maximum = 596ms, Average = 560ms
```