	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Mario Lucio

GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Joana Dark Barbosa

Consórcio STM/Vodanet	**VSAT-ID** SES-SATA-4639	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

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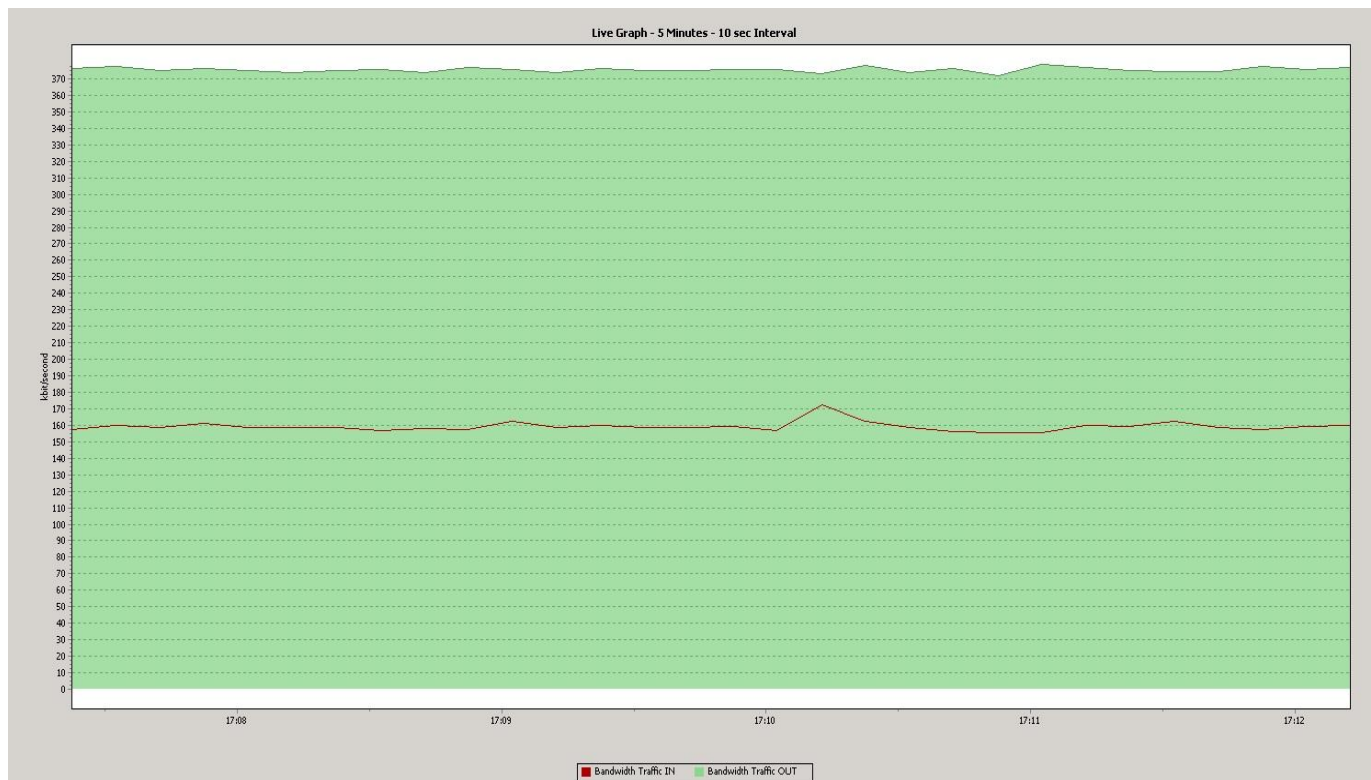
```
Satellite (DVB) RX Configuration
--------------------------------
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    45.000000      11.606250  DVB-S2 2         Yes
  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            : 11.606155 GHz
Symbol Rate          : 45.000029 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                  : 8.8 dB
Input Power          : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -16 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    : -12.9 dBm
ODU Output Power    : 34.3 dBm
EIRP                : 47.6 dBW
Es/No               : 9.0 dB
Header Compression  :  DSM-CC
Timing correction   : -36 us (251211 us)
Frequency correction: 110 Hz


IP DVB: 10.148.4.199/32


 C:\>ping -n 10 10.173.45.1

 Pinging 10.173.45.1 with 32 bytes of data:

 Reply from 10.173.45.1: bytes=32 time=536ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=549ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=558ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=574ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=582ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=604ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=530ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=535ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=558ms TTL=62
 Reply from 10.173.45.1: bytes=32 time=537ms TTL=62

 Ping statistics for 10.173.45.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 530ms, Maximum = 604ms, Average = 556ms
```