▶ **prodemge**	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Rodrigo Gonçalves Salgado
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Rita de Cassia

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JEHA-5596	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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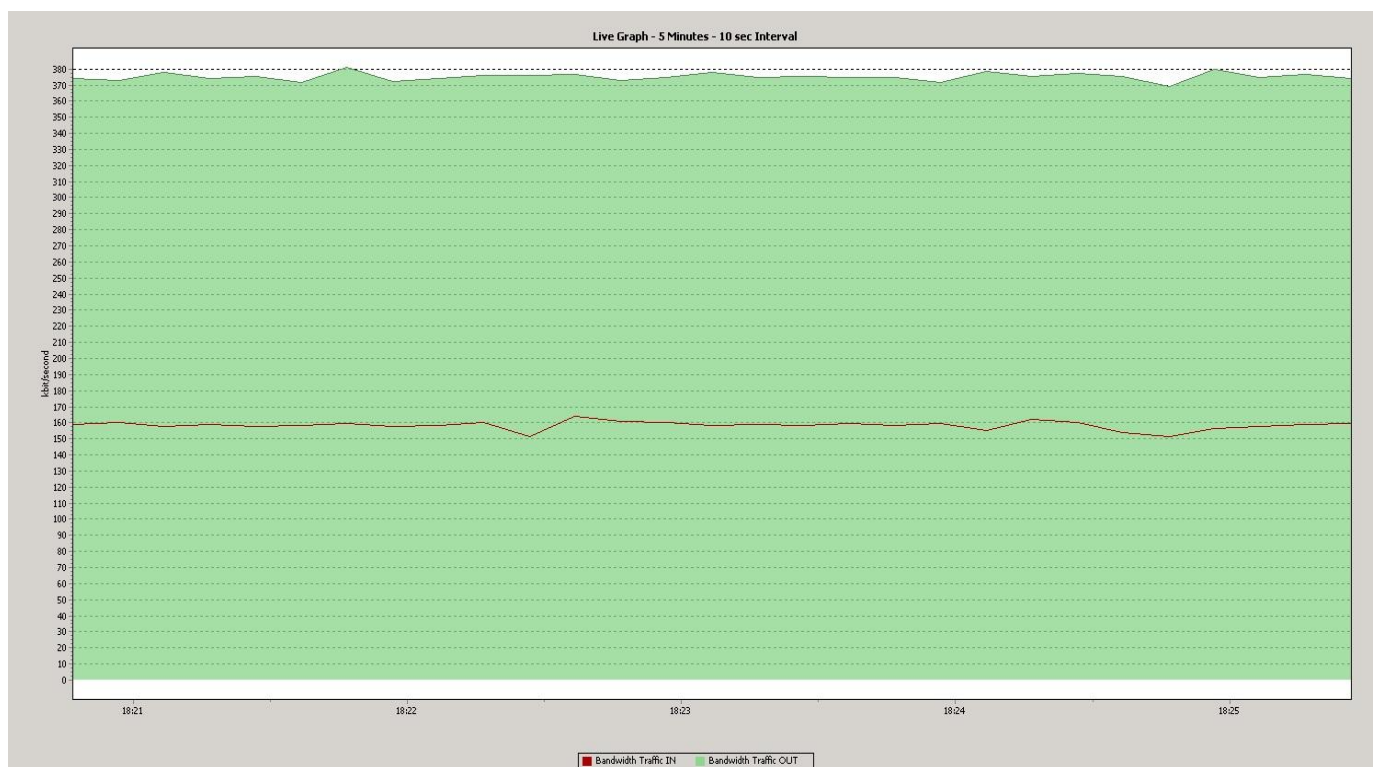
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.606395 GHz
Symbol Rate         : 45.000133 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 10  QPSK-8/9
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 9.1 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -19 dBm
IDU max output power: 0.0 dBm
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     : -16.8 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : -3 us (250032 us)
Frequency correction: 140 Hz

IP DVB: 10.148.4.177 /32


 C:\>ping -n 10 10.173.139.1

 Pinging 10.173.139.1 with 32 bytes of data:

 Reply from 10.173.139.1: bytes=32 time=524ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=536ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=558ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=533ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=590ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=542ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=509ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=544ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=559ms TTL=62
 Reply from 10.173.139.1: bytes=32 time=543ms TTL=62

 Ping statistics for 10.173.139.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 509ms, Maximum = 590ms, Average = 543ms
```