	# TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** André Braz
GRE/Prodemge: Marlu da Silva Santos	**Responsável/cliente:** José Fabio Garcia

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BANA-3627	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

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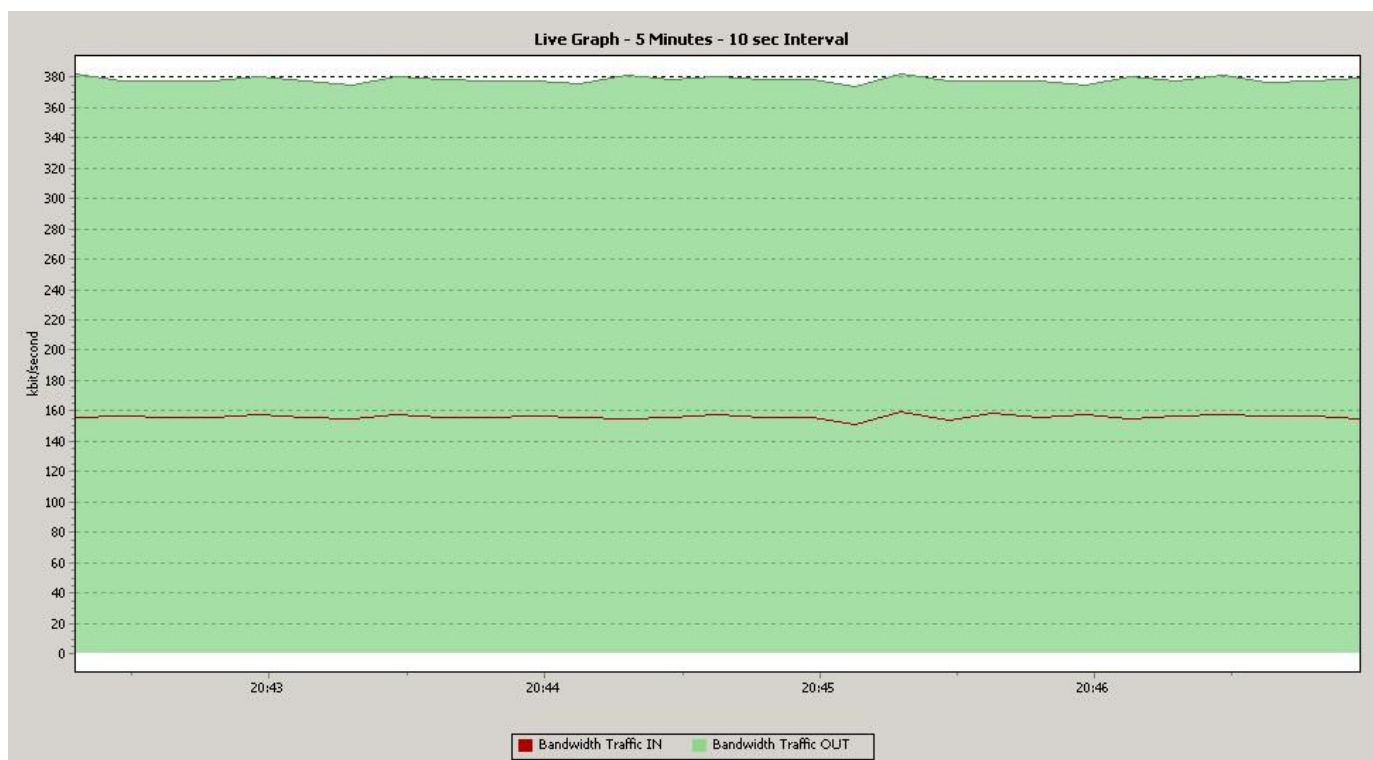
```
#
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId   Enable
* 0   0    13.333000      11.588250  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588796 GHz
Symbol Rate         : 13.333120 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.0 dB
Input Power         : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -18.2 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 104 us (261048 us)
Frequency correction: -150 Hz
#

IP DVB 10.148.1.70/32


Pinging 10.145.216.1 with 32 bytes of data:

Reply from 10.145.216.1: bytes=32 time=547ms TTL=62
Reply from 10.145.216.1: bytes=32 time=601ms TTL=62
Reply from 10.145.216.1: bytes=32 time=524ms TTL=62
Reply from 10.145.216.1: bytes=32 time=563ms TTL=62
Reply from 10.145.216.1: bytes=32 time=555ms TTL=62
Reply from 10.145.216.1: bytes=32 time=566ms TTL=62
Reply from 10.145.216.1: bytes=32 time=586ms TTL=62
Reply from 10.145.216.1: bytes=32 time=597ms TTL=62
Reply from 10.145.216.1: bytes=32 time=617ms TTL=62
Reply from 10.145.216.1: bytes=32 time=540ms TTL=62

Ping statistics for 10.145.216.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 524ms, Maximum = 617ms, Average = 569ms
```