	# TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Ed Carlos dos Santos
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Vanderci dos Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OUTO-4045	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
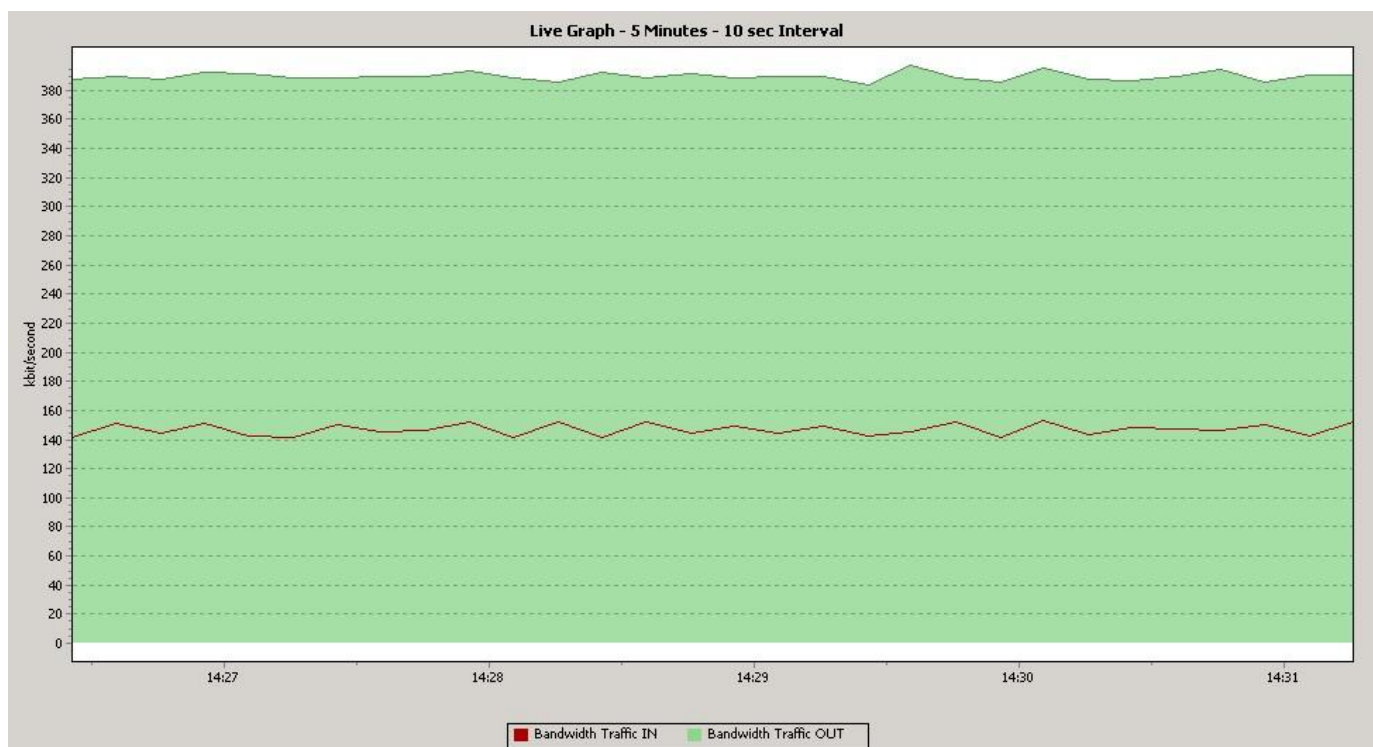
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588422 GHz
Symbol Rate         : 13.333131 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                 : 14.2 dB
Input Power         : -24 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 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     : -18.8 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : -151 us (260770 us)
Frequency correction: -100 Hz


IP DVB 10.148.2.39/32


Pinging 10.147.41.1 with 32 bytes of data:

Reply from 10.147.41.1: bytes=32 time=574ms TTL=62
Reply from 10.147.41.1: bytes=32 time=584ms TTL=62
Reply from 10.147.41.1: bytes=32 time=605ms TTL=62
Reply from 10.147.41.1: bytes=32 time=528ms TTL=62
Reply from 10.147.41.1: bytes=32 time=539ms TTL=62
Reply from 10.147.41.1: bytes=32 time=559ms TTL=62
Reply from 10.147.41.1: bytes=32 time=538ms TTL=62
Reply from 10.147.41.1: bytes=32 time=590ms TTL=62
Reply from 10.147.41.1: bytes=32 time=600ms TTL=62
Reply from 10.147.41.1: bytes=32 time=557ms TTL=62

Ping statistics for 10.147.41.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 528ms, Maximum = 605ms, Average = 567ms
```