![prodemge]	# TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Alexandre Pascoal
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Marta Verônica Vargas

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAEM-0826	384/153	VSAT
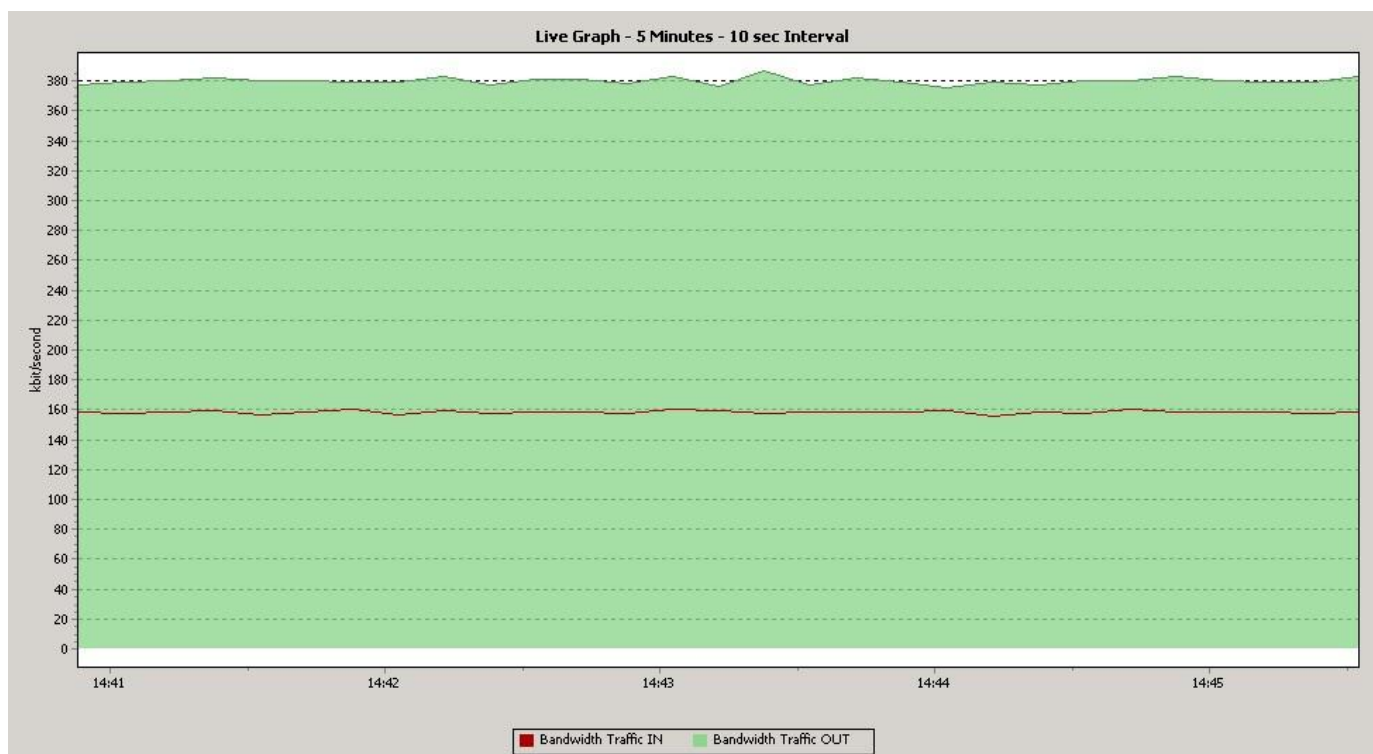

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.588399 GHz
Symbol Rate        : 13.332894 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                : 14.8 dB
Input Power        : -24 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -21 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     : -17.8 dBm
ODU Output Power     : 34.9 dBm
EIRP                 : 48.2 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : -201 us (261778 us)
Frequency correction: -210 Hz
#

IP DVB 10.148.1.86/32

Pinging 10.144.145.1 with 32 bytes of data:

Reply from 10.144.145.1: bytes=32 time=560ms TTL=62
Reply from 10.144.145.1: bytes=32 time=612ms TTL=62
Reply from 10.144.145.1: bytes=32 time=534ms TTL=62
Reply from 10.144.145.1: bytes=32 time=544ms TTL=62
Reply from 10.144.145.1: bytes=32 time=565ms TTL=62
Reply from 10.144.145.1: bytes=32 time=576ms TTL=62
Reply from 10.144.145.1: bytes=32 time=596ms TTL=62
Reply from 10.144.145.1: bytes=32 time=575ms TTL=62
Reply from 10.144.145.1: bytes=32 time=530ms TTL=62
Reply from 10.144.145.1: bytes=32 time=550ms TTL=62

Ping statistics for 10.144.145.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 612ms, Average = 564ms
```