![prodemge]	# TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** João Marcelo Magalhães Cardoso
GRE/Prodemge: Agnaldo de Matos	**Responsável/cliente:** Renato Fontão Franco

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FRAL-4200	384/153	VSAT
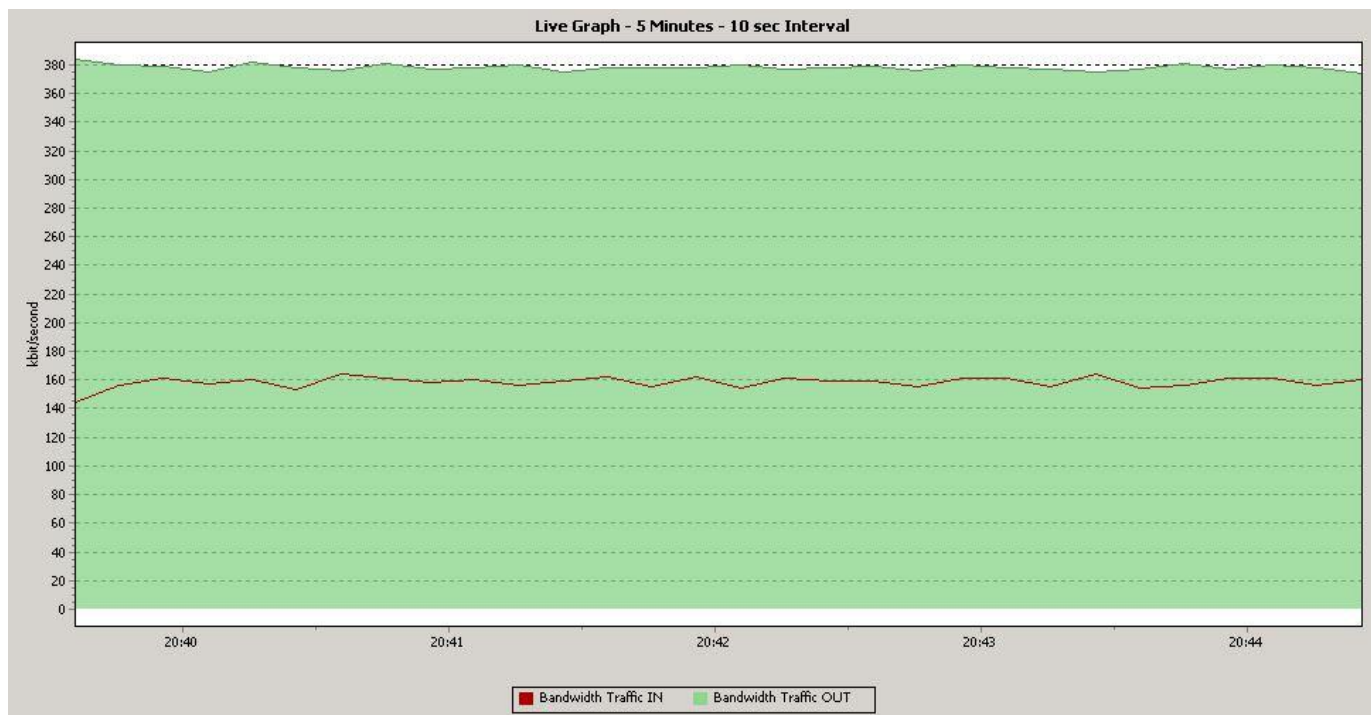

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588445 GHz
Symbol Rate         : 13.332937 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                 : 13.3 dB
Input Power         : -45 dBm
#
Satellite (DVB) TX Configuration
```

```
--------------------------------
Auto start             : Enabled
IDU Output Power       : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power       : 32.7 dBm
EIRP                   : 46.0 dBW
Default CW Frequency: 14.150500 GHz
ATM mode               : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                  : On (TDMA)
IDU Output Power       : -21.5 dBm
ODU Output Power       : 32.5 dBm
EIRP                   : 45.8 dBW
Es/No                  : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 140 us (263005 us)
Frequency correction: -60 Hz


IP DVB 10.148.2.240/32


Pinging 10.147.191.1 with 32 bytes of data:

Reply from 10.147.191.1: bytes=32 time=536ms TTL=62
Reply from 10.147.191.1: bytes=32 time=793ms TTL=62
Reply from 10.147.191.1: bytes=32 time=615ms TTL=62
Reply from 10.147.191.1: bytes=32 time=527ms TTL=62
Reply from 10.147.191.1: bytes=32 time=562ms TTL=62
Reply from 10.147.191.1: bytes=32 time=577ms TTL=62
Reply from 10.147.191.1: bytes=32 time=574ms TTL=62
Reply from 10.147.191.1: bytes=32 time=584ms TTL=62
Reply from 10.147.191.1: bytes=32 time=532ms TTL=62
Reply from 10.147.191.1: bytes=32 time=627ms TTL=62

Ping statistics for 10.147.191.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 527ms, Maximum = 793ms, Average = 592ms
```