	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Gustavo Procópio Caldeira Rocha

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SATA-0919	384/153	VSAT
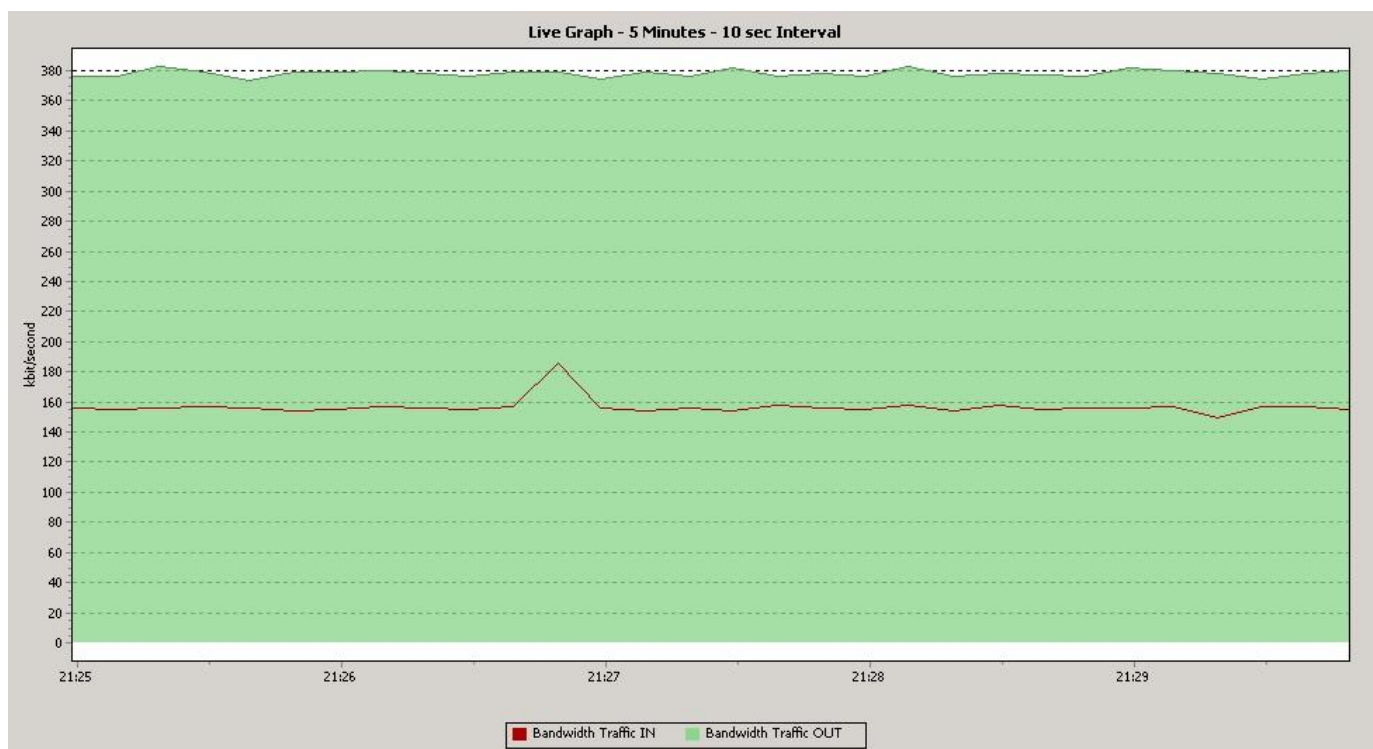

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588402 GHz
Symbol Rate         : 13.332954 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                 : 12.8 dB
Input Power         : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 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     : -20.9 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : 167 us (259988 us)
Frequency correction: -140 Hz


IP DVB 10.148.1.227/32


Pinging 10.144.235.1 with 32 bytes of data:

Reply from 10.144.235.1: bytes=32 time=564ms TTL=62
Reply from 10.144.235.1: bytes=32 time=574ms TTL=62
Reply from 10.144.235.1: bytes=32 time=531ms TTL=62
Reply from 10.144.235.1: bytes=32 time=605ms TTL=62
Reply from 10.144.235.1: bytes=32 time=528ms TTL=62
Reply from 10.144.235.1: bytes=32 time=548ms TTL=62
Reply from 10.144.235.1: bytes=32 time=527ms TTL=62
Reply from 10.144.235.1: bytes=32 time=579ms TTL=62
Reply from 10.144.235.1: bytes=32 time=590ms TTL=62
Reply from 10.144.235.1: bytes=32 time=547ms TTL=62

Ping statistics for 10.144.235.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 527ms, Maximum = 605ms, Average = 559ms
```