prodemge	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares Campolina
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Maria Alice Prates Oliveira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-GUOR-3652	384/153	VSAT
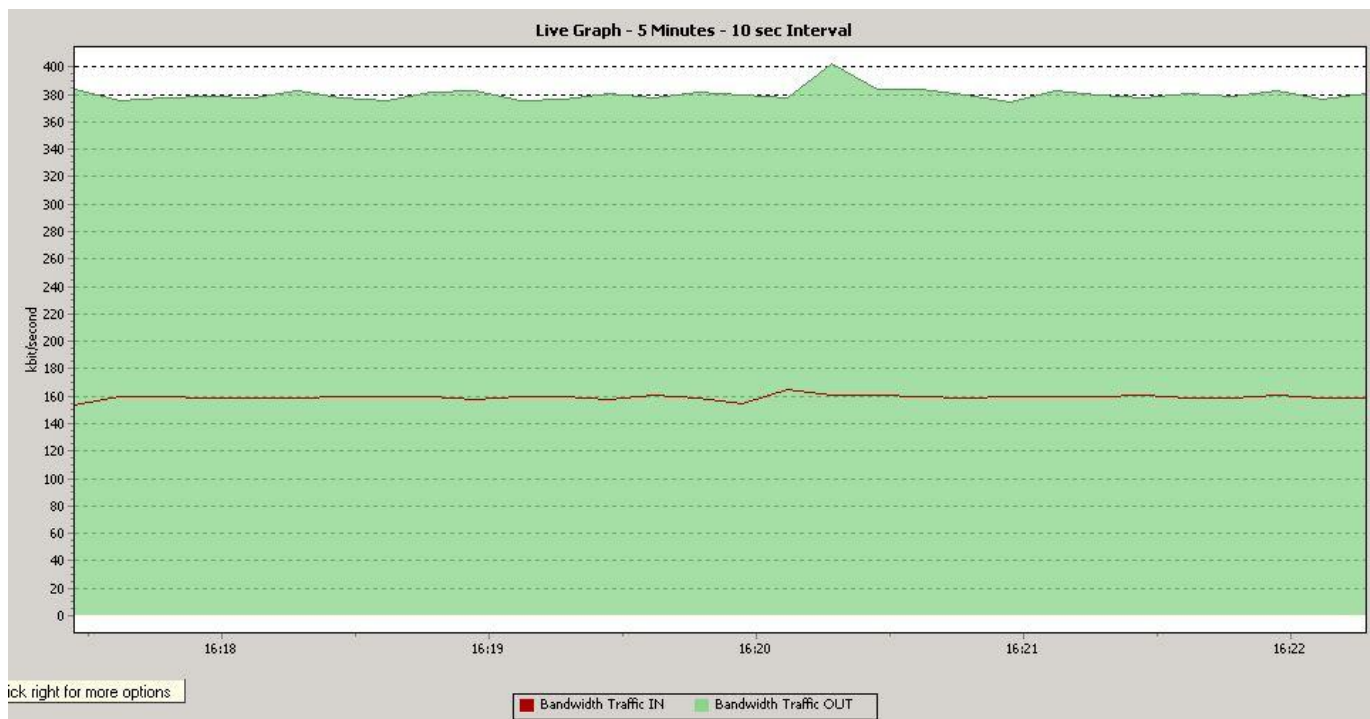

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    13.333000      11.588250  DVB-S2 2          Yes
  1   1     0.000000       0.000000  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588780 GHz
Symbol Rate         : 13.332840 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15  8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.3 dB
Input Power         : -38 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -24 dBm
IDU max output power: 0.0 dBm
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    : -14.9 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : -117 us (261671 us)
Frequency correction: -190 Hz

IP DVB 10.148.1.141/32

Pinging 10.146.5.1 with 32 bytes of data:

Reply from 10.146.5.1: bytes=32 time=560ms TTL=62
Reply from 10.146.5.1: bytes=32 time=604ms TTL=62
Reply from 10.146.5.1: bytes=32 time=558ms TTL=62
Reply from 10.146.5.1: bytes=32 time=579ms TTL=62
Reply from 10.146.5.1: bytes=32 time=623ms TTL=62
Reply from 10.146.5.1: bytes=32 time=610ms TTL=62
Reply from 10.146.5.1: bytes=32 time=534ms TTL=62
Reply from 10.146.5.1: bytes=32 time=641ms TTL=62
Reply from 10.146.5.1: bytes=32 time=565ms TTL=62
Reply from 10.146.5.1: bytes=32 time=576ms TTL=62

Ping statistics for 10.146.5.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 534ms, Maximum = 641ms, Average = 585ms
```