prodemge	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Jair de Oliveira
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Christiane Keiko Turuta

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BAIS-3733	384/153	VSAT
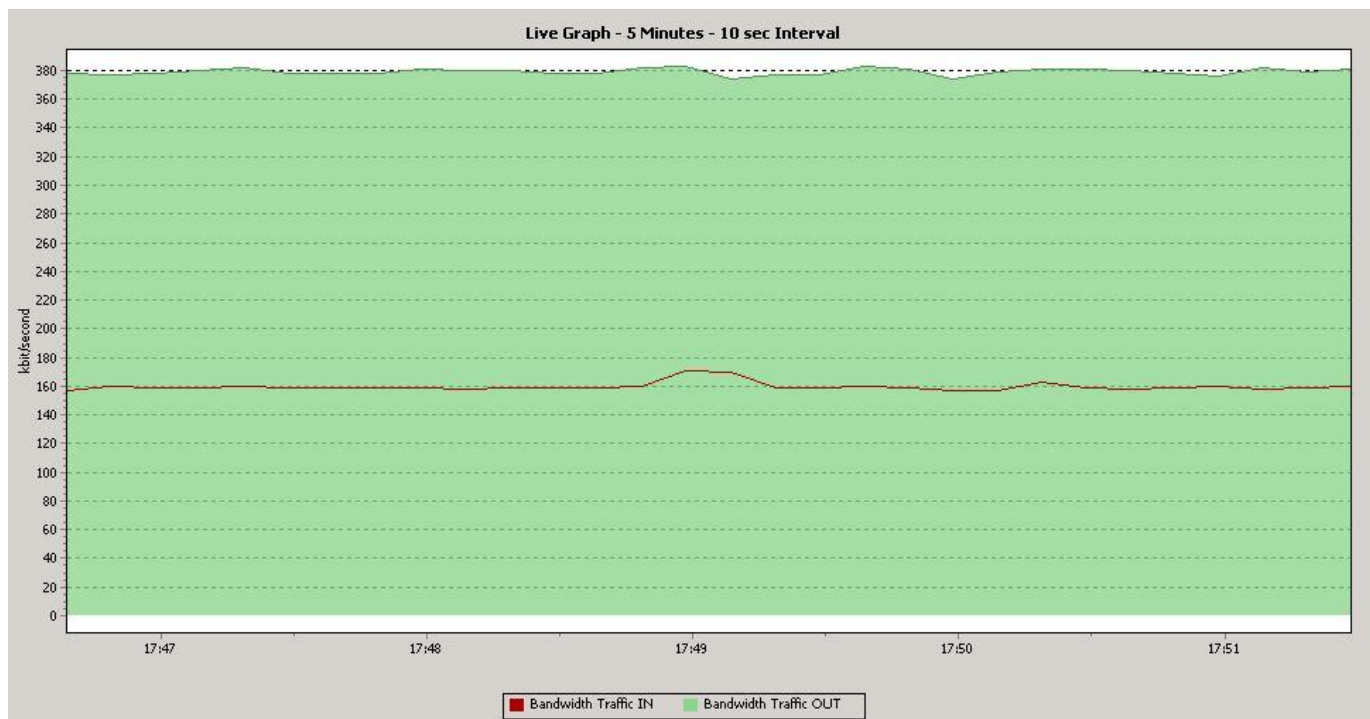

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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         No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588983 GHz
Symbol Rate         : 13.333006 Msps
S2 ModCod
      - receiving   : 4    QPSK-1/2
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 11.9 dB
Input Power         : -33 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -27 dBm
IDU max output power: 0.0 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    : -24.0 dBm
ODU Output Power    : 33.1 dBm
EIRP                : 46.4 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : -99 us (260616 us)
Frequency correction: -130 Hz

IP DVB 10.148.1.66/32

Pinging 10.146.20.1 with 32 bytes of data:

Reply from 10.146.20.1: bytes=32 time=539ms TTL=62
Reply from 10.146.20.1: bytes=32 time=647ms TTL=62
Reply from 10.146.20.1: bytes=32 time=570ms TTL=62
Reply from 10.146.20.1: bytes=32 time=548ms TTL=62
Reply from 10.146.20.1: bytes=32 time=601ms TTL=62
Reply from 10.146.20.1: bytes=32 time=612ms TTL=62
Reply from 10.146.20.1: bytes=32 time=564ms TTL=62
Reply from 10.146.20.1: bytes=32 time=556ms TTL=62
Reply from 10.146.20.1: bytes=32 time=567ms TTL=62
Reply from 10.146.20.1: bytes=32 time=587ms TTL=62

Ping statistics for 10.146.20.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 647ms, Average = 579ms
```