TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Paulo Pereira
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Bruna Monteiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PATU-4118	384/153	VSAT
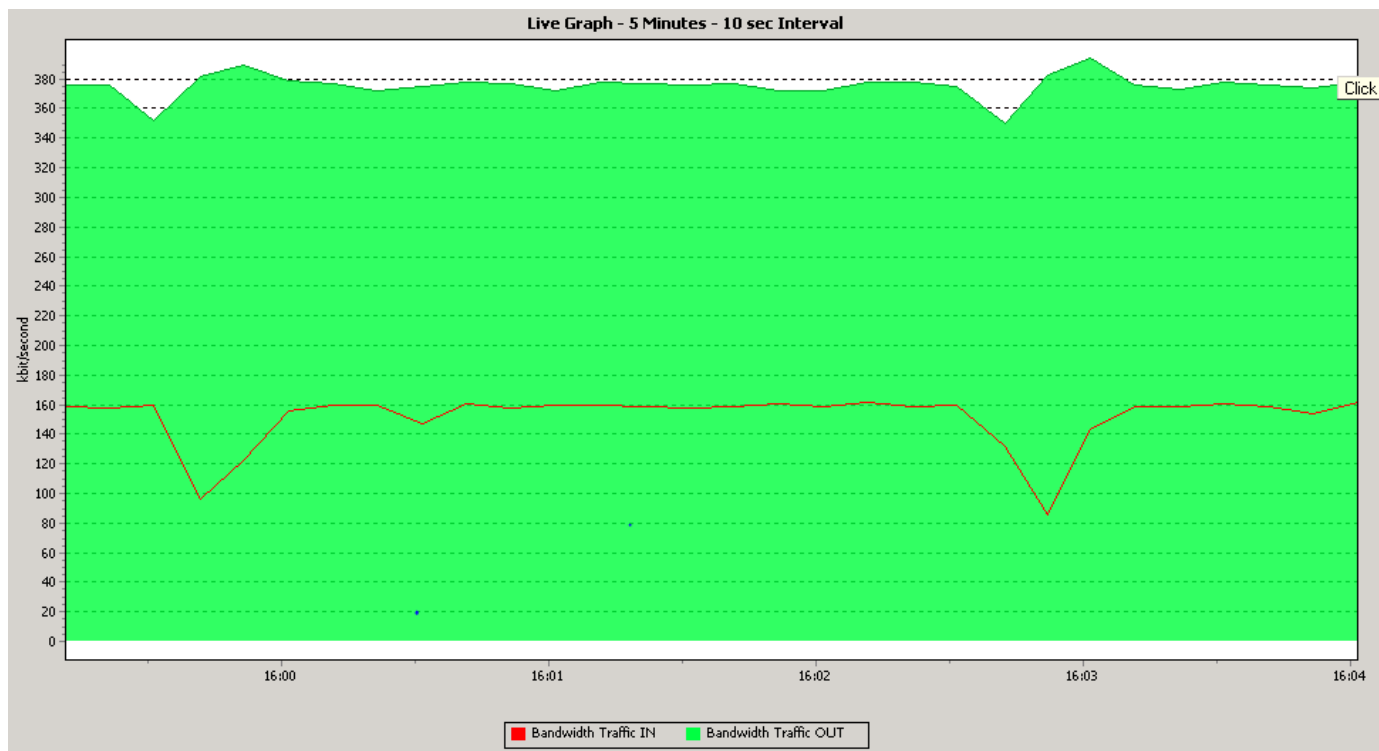

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0   0    45.000000      11.606250   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          : 11.606338 GHz
Symbol Rate        : 45.000230 Msps
S2 ModCod
      - receiving  : 4   QPSK-1/2
      - current max : 13   8PSK-2/3
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.20
SNR                : 9.4 dB
Input Power        : -29 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     : -21.7 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 10.0 dB
Header Compression   :  DSM-CC
Timing correction    : 37 us (252774 us)
Frequency correction: 80 Hz

IP DVB 10.148.3.187/32

Pinging 10.147.91.1 with 32 bytes of data:

Reply from 10.147.91.1: bytes=32 time=602ms TTL=62
Reply from 10.147.91.1: bytes=32 time=523ms TTL=62
Reply from 10.147.91.1: bytes=32 time=531ms TTL=62
Reply from 10.147.91.1: bytes=32 time=551ms TTL=62
Reply from 10.147.91.1: bytes=32 time=562ms TTL=62
Reply from 10.147.91.1: bytes=32 time=582ms TTL=62
Reply from 10.147.91.1: bytes=32 time=563ms TTL=62
Reply from 10.147.91.1: bytes=32 time=619ms TTL=62
Reply from 10.147.91.1: bytes=32 time=542ms TTL=62
Reply from 10.147.91.1: bytes=32 time=549ms TTL=62

Ping statistics for 10.147.91.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 523ms, Maximum = 619ms, Average = 562ms
```