TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Ailton Guimarães Sampaio
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Aniele Silvestre

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITRA-3993	384/153	VSAT
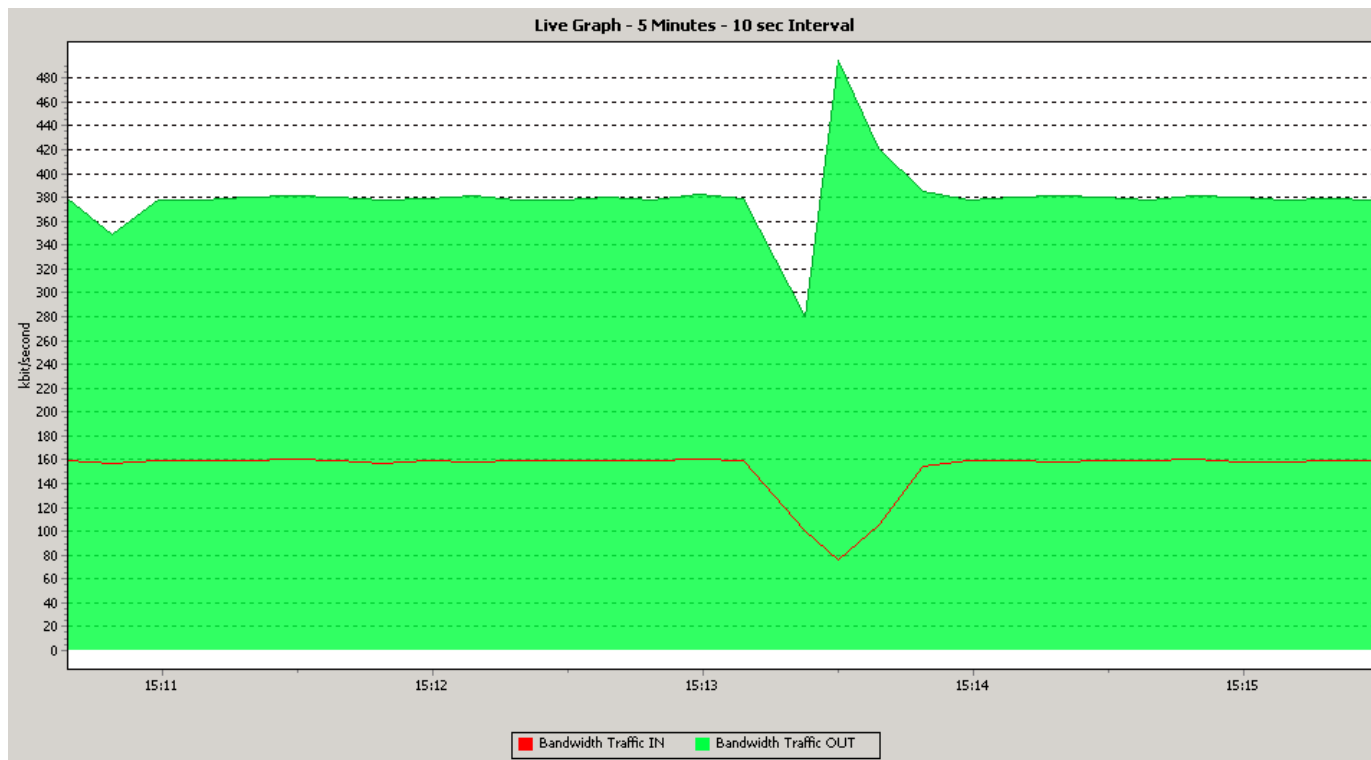

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.606312 GHz
Symbol Rate         : 44.999127 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                 : 9.6 dB
Input Power         : -34 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 31.7 dBm
EIRP                 : 45.0 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     : -20.5 dBm
ODU Output Power     : 31.6 dBm
EIRP                 : 44.9 dBW
Es/No                : 9.0 dB
Header Compression   :  DSM-CC
Timing correction    : 15 us (251736 us)
Frequency correction: 10 Hz


IP DVB 10.148.3.182/32


Pinging 10.146.241.1 with 32 bytes of data:

Reply from 10.146.241.1: bytes=32 time=609ms TTL=62
Reply from 10.146.241.1: bytes=32 time=513ms TTL=62
Reply from 10.146.241.1: bytes=32 time=623ms TTL=62
Reply from 10.146.241.1: bytes=32 time=542ms TTL=62
Reply from 10.146.241.1: bytes=32 time=557ms TTL=62
Reply from 10.146.241.1: bytes=32 time=576ms TTL=62
Reply from 10.146.241.1: bytes=32 time=548ms TTL=62
Reply from 10.146.241.1: bytes=32 time=606ms TTL=62
Reply from 10.146.241.1: bytes=32 time=618ms TTL=62
Reply from 10.146.241.1: bytes=32 time=562ms TTL=62

Ping statistics for 10.146.241.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 513ms, Maximum = 623ms, Average = 575ms
```