![prodemge]	**TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** João Widar
GRE/Prodemge: Agnaldo de Matos	**Responsável/cliente:** Maria Carolina

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OUNO-5058	384/153	VSAT
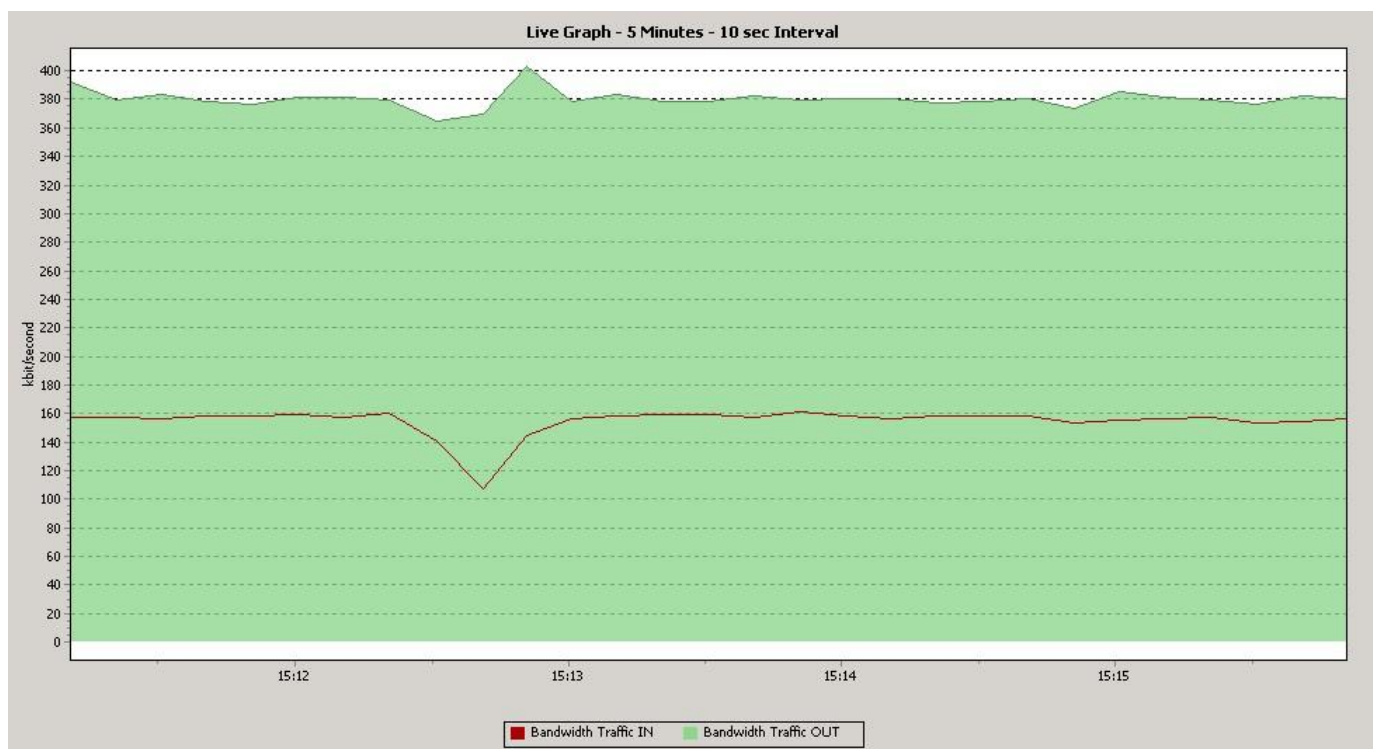

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode    PopId    Enable
* 0  0    45.000000      11.606250  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606659 GHz
Symbol Rate         : 44.999758 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                 : 9.8 dB
Input Power         : -23 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : max
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      : -14.7 dBm
ODU Output Power      : 34.6 dBm
EIRP                  : 48.1 dBW
Es/No                 : 9.5 dB
Header Compression    :  DSM-CC
Timing correction     : -88 us (253748 us)
Frequency correction: -30 Hz
#



IP DVB 10.148.4.190/32


Pinging 10.173.162.1 with 32 bytes of data:

Reply from 10.173.162.1: bytes=32 time=615ms TTL=62
Reply from 10.173.162.1: bytes=32 time=538ms TTL=62
Reply from 10.173.162.1: bytes=32 time=537ms TTL=62
Reply from 10.173.162.1: bytes=32 time=549ms TTL=62
Reply from 10.173.162.1: bytes=32 time=549ms TTL=62
Reply from 10.173.162.1: bytes=32 time=573ms TTL=62
Reply from 10.173.162.1: bytes=32 time=595ms TTL=62
Reply from 10.173.162.1: bytes=32 time=616ms TTL=62
Reply from 10.173.162.1: bytes=32 time=722ms TTL=62
Reply from 10.173.162.1: bytes=32 time=541ms TTL=62

Ping statistics for 10.173.162.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 537ms, Maximum = 722ms, Average = 583ms
```