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

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

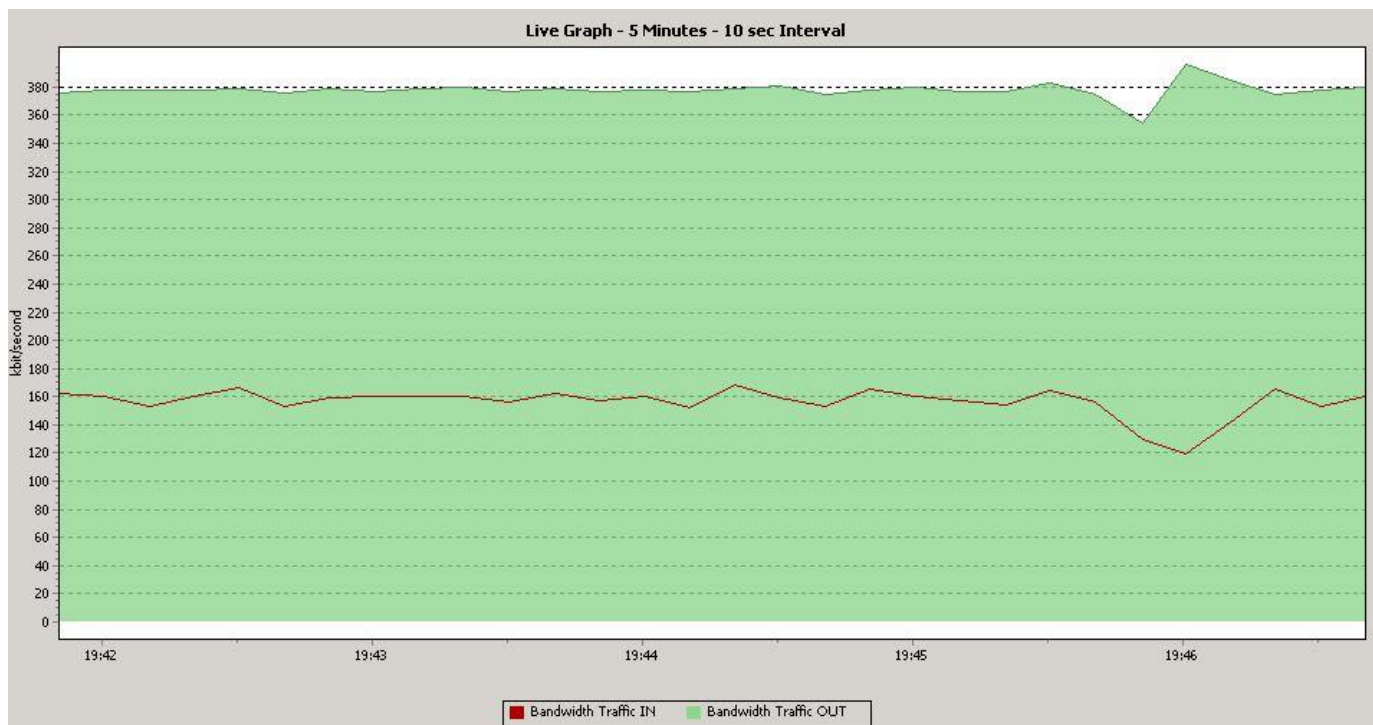| **NOC/Operadora:** Renan Borges Sousa	**Operadora/Cliente:** Wellington Ferreira de Souza
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Vânia Maria Lopes Queiroz

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BURO-3443	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           : 11.588560 GHz
Symbol Rate         : 13.332913 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                 : 11.1 dB
Input Power         : -37 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -22 dBm
IDU max output power: 0.0 dBm
EIRP                 : 46.5 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     : -14.8 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 10 us (260646 us)
Frequency correction: -80 Hz


IP DVB 10.148.0.242/32


Pinging 10.145.105.1 with 32 bytes of data:

Reply from 10.145.105.1: bytes=32 time=569ms TTL=62
Reply from 10.145.105.1: bytes=32 time=555ms TTL=62
Reply from 10.145.105.1: bytes=32 time=581ms TTL=62
Reply from 10.145.105.1: bytes=32 time=582ms TTL=62
Reply from 10.145.105.1: bytes=32 time=561ms TTL=62
Reply from 10.145.105.1: bytes=32 time=614ms TTL=62
Reply from 10.145.105.1: bytes=32 time=537ms TTL=62
Reply from 10.145.105.1: bytes=32 time=576ms TTL=62
Reply from 10.145.105.1: bytes=32 time=568ms TTL=62
Reply from 10.145.105.1: bytes=32 time=578ms TTL=62

Ping statistics for 10.145.105.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 537ms, Maximum = 614ms, Average = 572ms
```