prodemge	**TERMO DE ACEITE TÉCNICO**

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

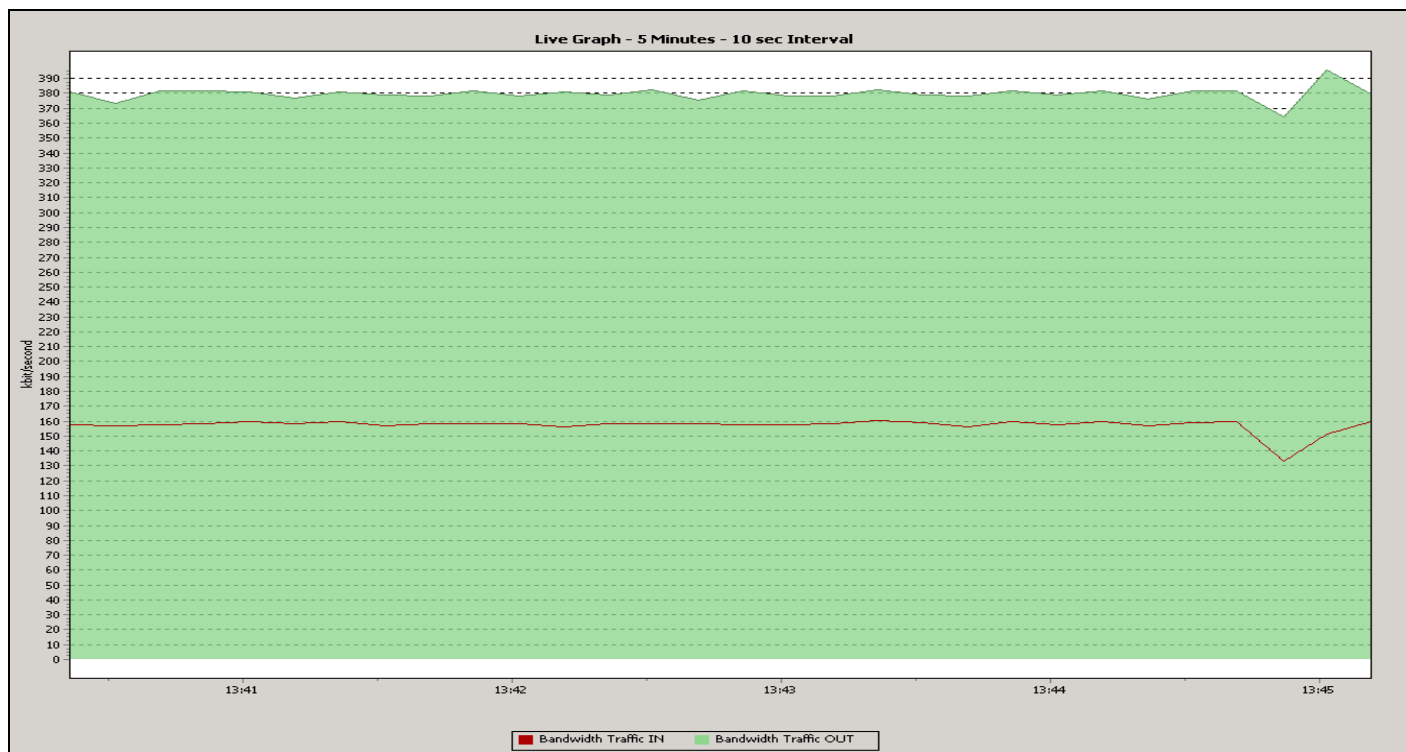|	
NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Victor Hugo Fonseca
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Maria de Fátima Lourdes

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-PASO-3481	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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 3       Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State          : On
DVB State         : Forward link up
Network           : 65281,  Prodemge@Vodanet
Frequency         : 11.606953 GHz
Symbol Rate       : 44.999525 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       : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 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     : -16.8 dBm
ODU Output Power     : 34.8 dBm
EIRP                 : 48.1 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 126 us (250456 us)
Frequency correction: -20 Hz


IP DVB:10.148.5.102/32


Pinging 10.145.160.1 with 32 bytes of data:

Reply from 10.145.160.1: bytes=32 time=552ms TTL=62
Reply from 10.145.160.1: bytes=32 time=563ms TTL=62
Reply from 10.145.160.1: bytes=32 time=583ms TTL=62
Reply from 10.145.160.1: bytes=32 time=563ms TTL=62
Reply from 10.145.160.1: bytes=32 time=517ms TTL=62
Reply from 10.145.160.1: bytes=32 time=625ms TTL=62
Reply from 10.145.160.1: bytes=32 time=579ms TTL=62
Reply from 10.145.160.1: bytes=32 time=568ms TTL=62
Reply from 10.145.160.1: bytes=32 time=579ms TTL=62
Reply from 10.145.160.1: bytes=32 time=533ms TTL=62

Ping statistics for 10.145.160.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 517ms, Maximum = 625ms, Average = 566ms
```