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

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

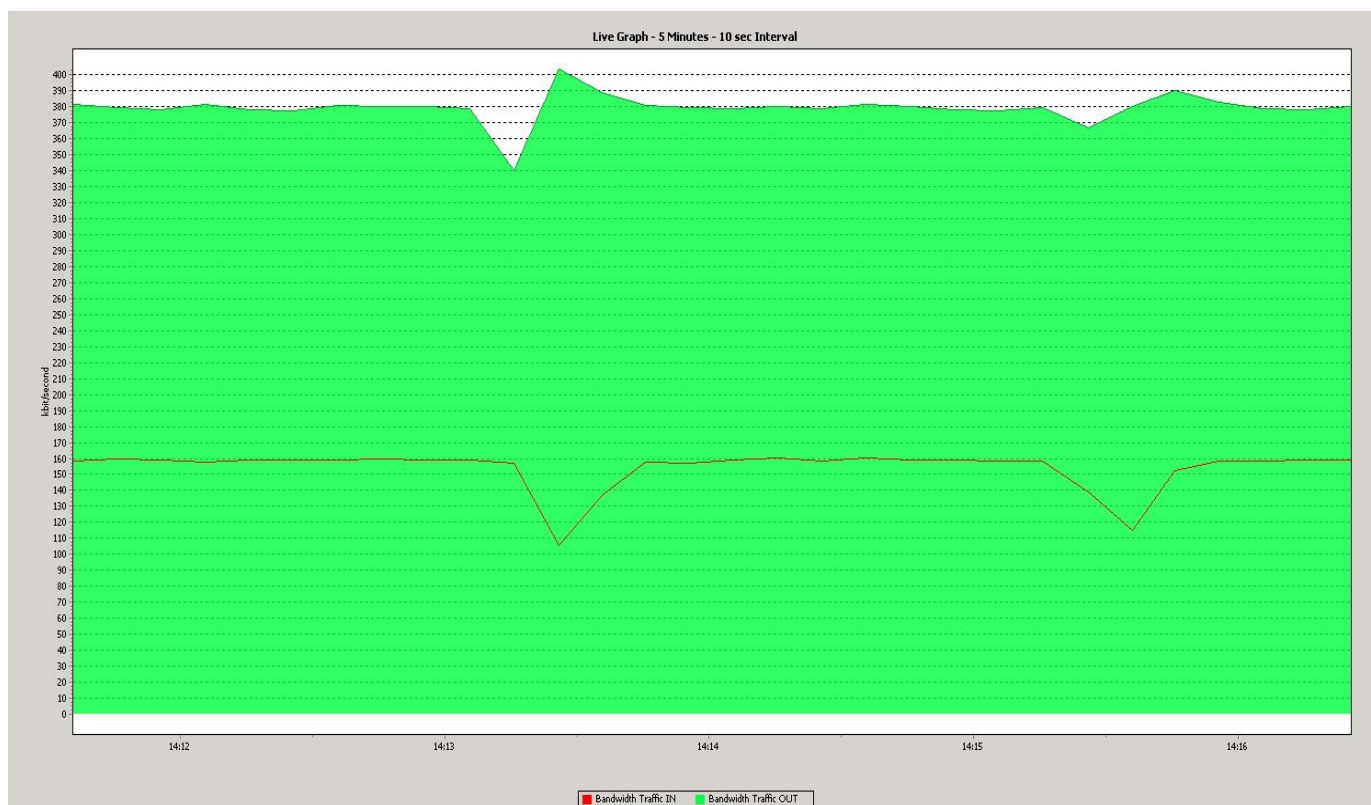| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Pedro Henrique da R. Bernardes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Gelcilene de Oliveira

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-PATU-4122	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT

```
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
* 9   1    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           : 11.606202 GHz
Symbol Rate         : 44.999785 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 10   QPSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 8.8 dB
Input Power         : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -25 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
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    : -22.2 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Es/No               : 7.5 dB
Header Compression  :  DSM-CC
Timing correction   : -108 us (252775 us)
Frequency correction: -30 Hz


IP DVB: 10.148.2.185/32


 C:\>ping -n 10 10.147.70.1

 Pinging 10.147.70.1 with 32 bytes of data:

 Reply from 10.147.70.1: bytes=32 time=527ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=622ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=538ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=536ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=561ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=545ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=572ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=576ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=600ms TTL=62
 Reply from 10.147.70.1: bytes=32 time=523ms TTL=62

 Ping statistics for 10.147.70.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 523ms, Maximum = 622ms, Average = 560ms
```