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

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

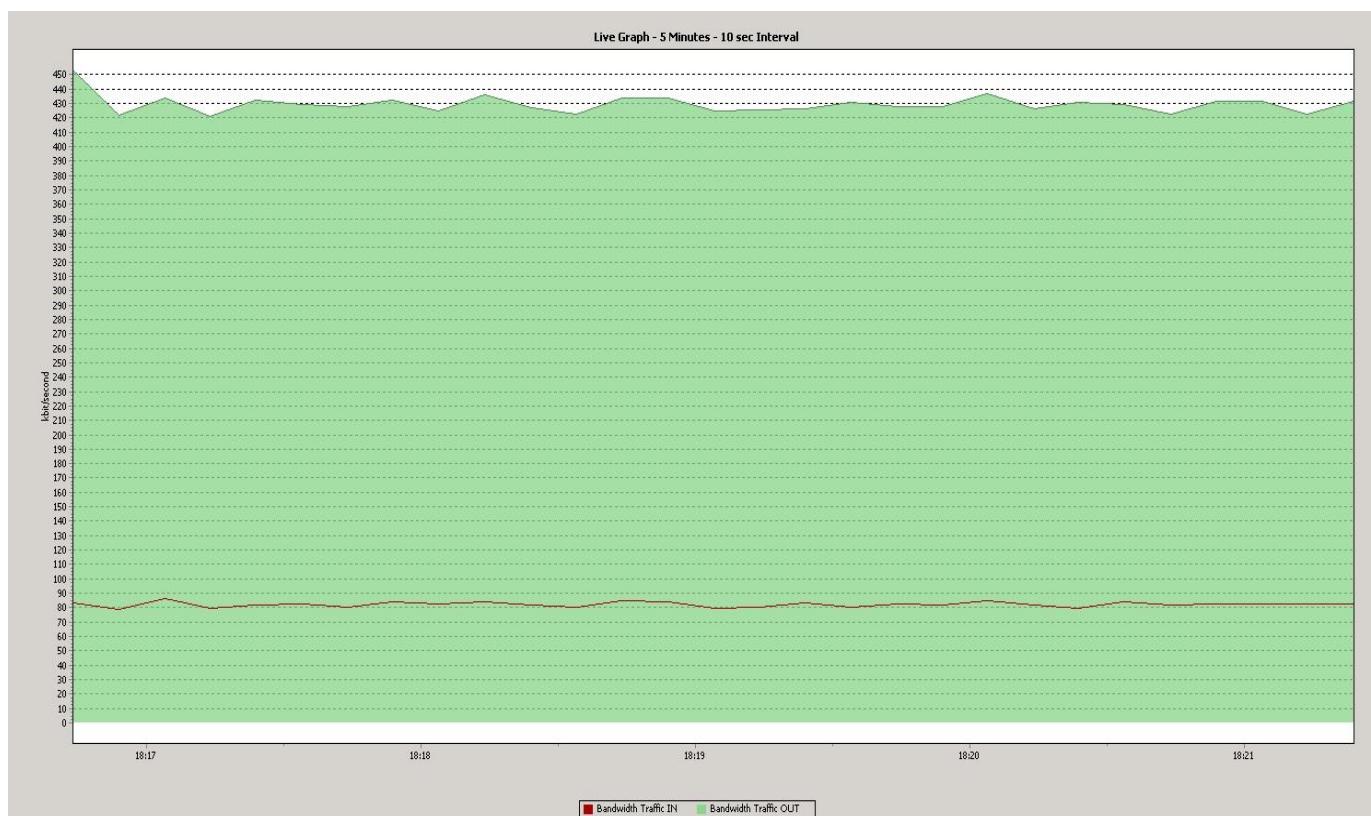| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Marcos Antonio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Marcia Renata

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-VARE-4649	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

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.606652 GHz
Symbol Rate          : 44.999383 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          : Disabled
IDU Output Power    : -22 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    : 34.2 dBm
EIRP                : 47.5 dBW
Es/No               : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : 175 us (251364 us)
Frequency correction: 110 Hz


IP DVB: 10.148.5.171/32


 Pinging 10.173.47.1 with 32 bytes of data:

 Reply from 10.173.47.1: bytes=32 time=567ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=614ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=529ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=562ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=543ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=545ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=558ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=525ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=572ms TTL=62
 Reply from 10.173.47.1: bytes=32 time=574ms TTL=62

 Ping statistics for 10.173.47.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 525ms, Maximum = 614ms, Average = 558ms
```