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

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

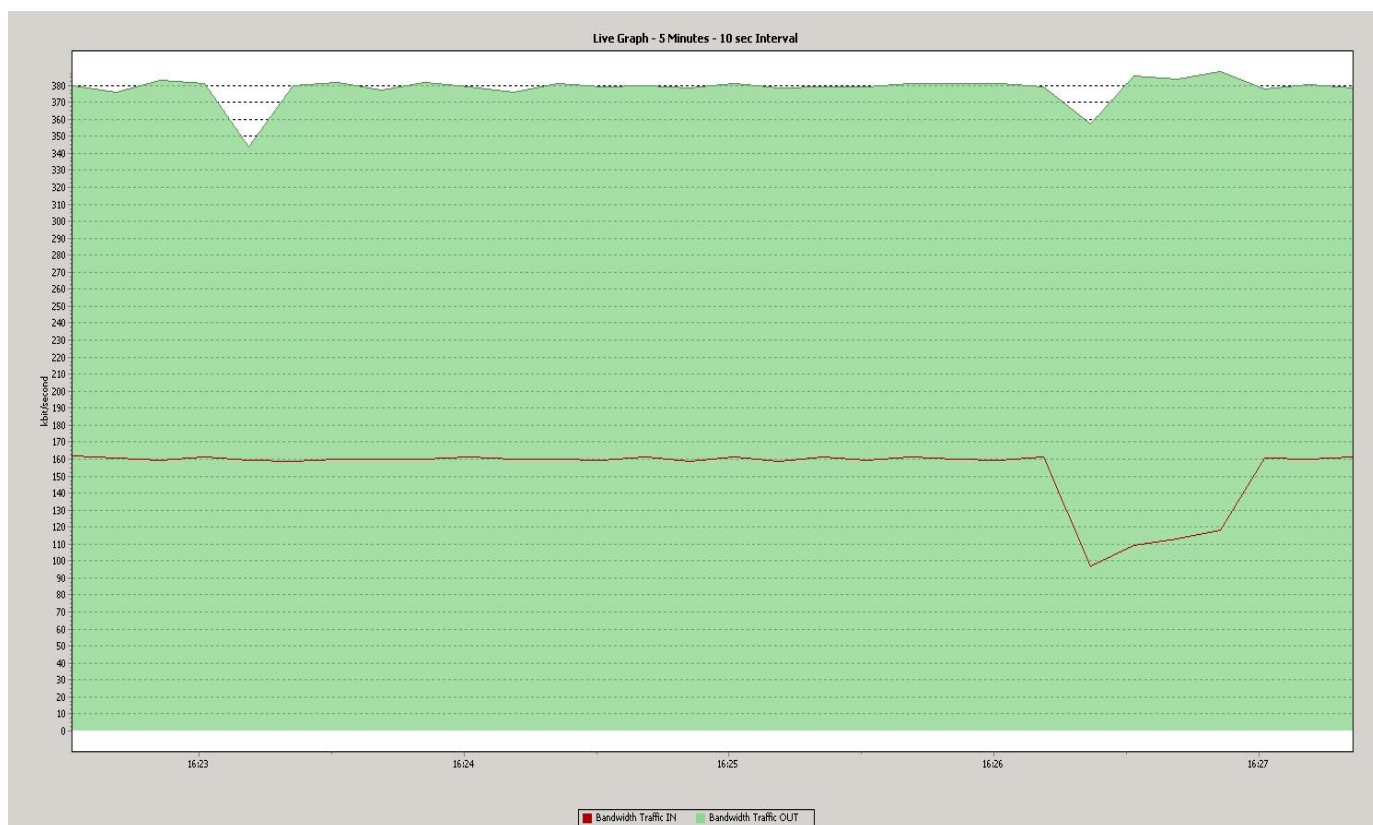|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Dineia Rodrigues

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-POTE-5236	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

Legend: 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  3        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 65281,  Prodemge@Vodanet
Frequency          : 11.606511 GHz
Symbol Rate        : 44.999257 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        : -24 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     : -15.5 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.6 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : 181 us (250731 us)
Frequency correction: 110 Hz


IP DVB: 10.148.5.151/32


 Pinging 10.174.41.1 with 32 bytes of data:

 Reply from 10.174.41.1: bytes=32 time=560ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=604ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=606ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=552ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=535ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=536ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=548ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=550ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=562ms TTL=62
 Reply from 10.174.41.1: bytes=32 time=564ms TTL=62

 Ping statistics for 10.174.41.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 535ms, Maximum = 606ms, Average = 561ms
```