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

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

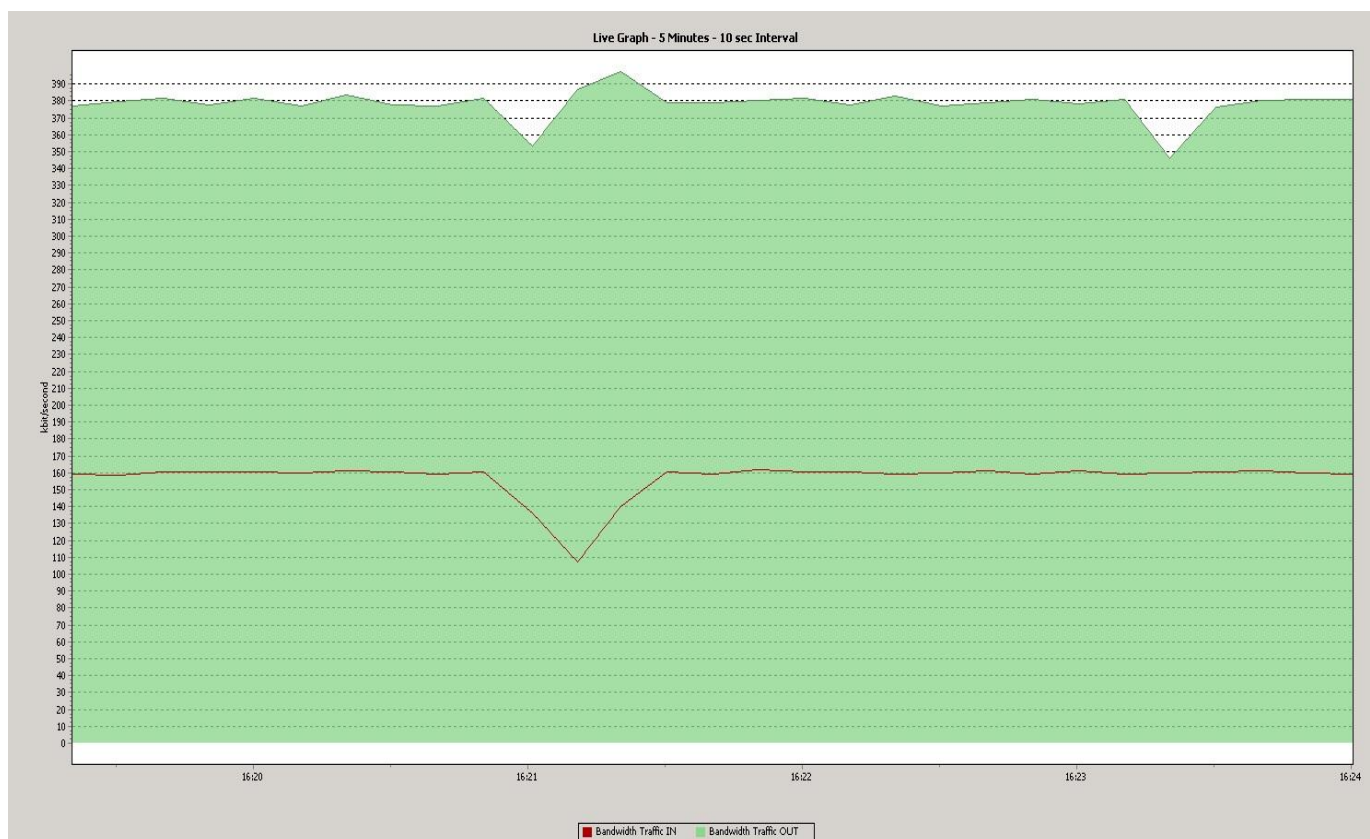| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Renato Bertolini
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Maria das Neves

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-TRAS-5280	384/153	VSAT


```
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          : 11.606161 GHz
Symbol Rate        : 44.999836 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                : 9.3 dB
Input Power        : -29 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -14 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     : -12.9 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : -30 us (252342 us)
Frequency correction: 100 Hz


IP DVB: 10.148.5.225/32


 Pinging 10.174.85.1 with 32 bytes of data:

 Reply from 10.174.85.1: bytes=32 time=560ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=573ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=547ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=588ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=590ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=536ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=603ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=615ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=530ms TTL=62
 Reply from 10.174.85.1: bytes=32 time=532ms TTL=62

 Ping statistics for 10.174.85.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 530ms, Maximum = 615ms, Average = 567ms
```