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

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

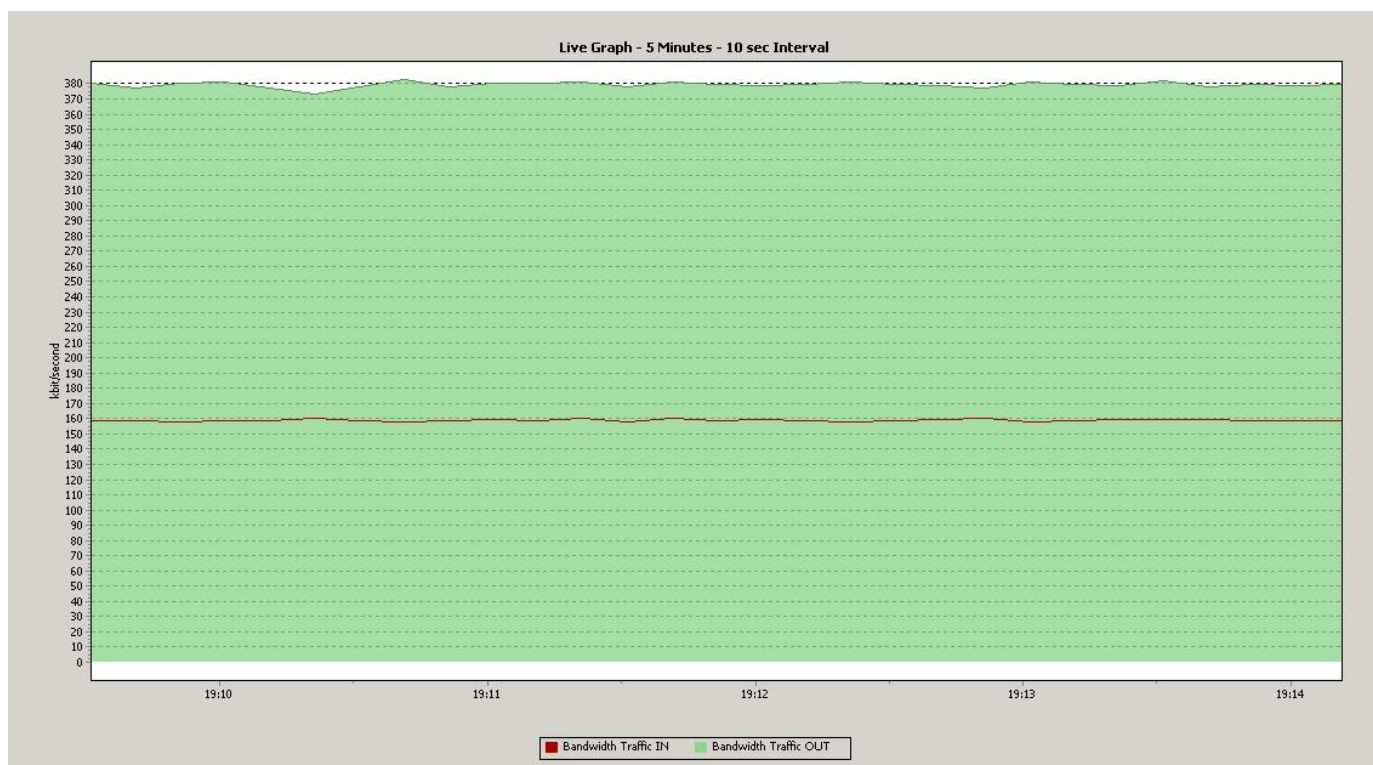| **NOC/Operadora:** Lucas Miranda e Castro Corrêa	**Operadora/Cliente:** Antônio Gonçalves
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Lúcia Daniele de Oliveira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-GOEA-4376	384/153	VSAT


```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
*  0   0    13.333000       11.588250   DVB-S2  2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588375 GHz
Symbol Rate         : 13.332883 Msps
S2 ModCod
       - receiving  : 4   QPSK-1/2
       - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 11.8 dB
Input Power         : -34 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -11 dBm
IDU max output power: 0.0 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     : -17.5 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.7 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 36 us (260367 us)
Frequency correction: -160 Hz


IP DVB: 10.148.2.133/32


 Pinging 10.172.65.1 with 32 bytes of data:

 Reply from 10.172.65.1: bytes=32 time=595ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=611ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=535ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=550ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=561ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=581ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=559ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=612ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=628ms TTL=62
 Reply from 10.172.65.1: bytes=32 time=575ms TTL=62

 Ping statistics for 10.172.65.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 535ms, Maximum = 628ms, Average = 580ms
```