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

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

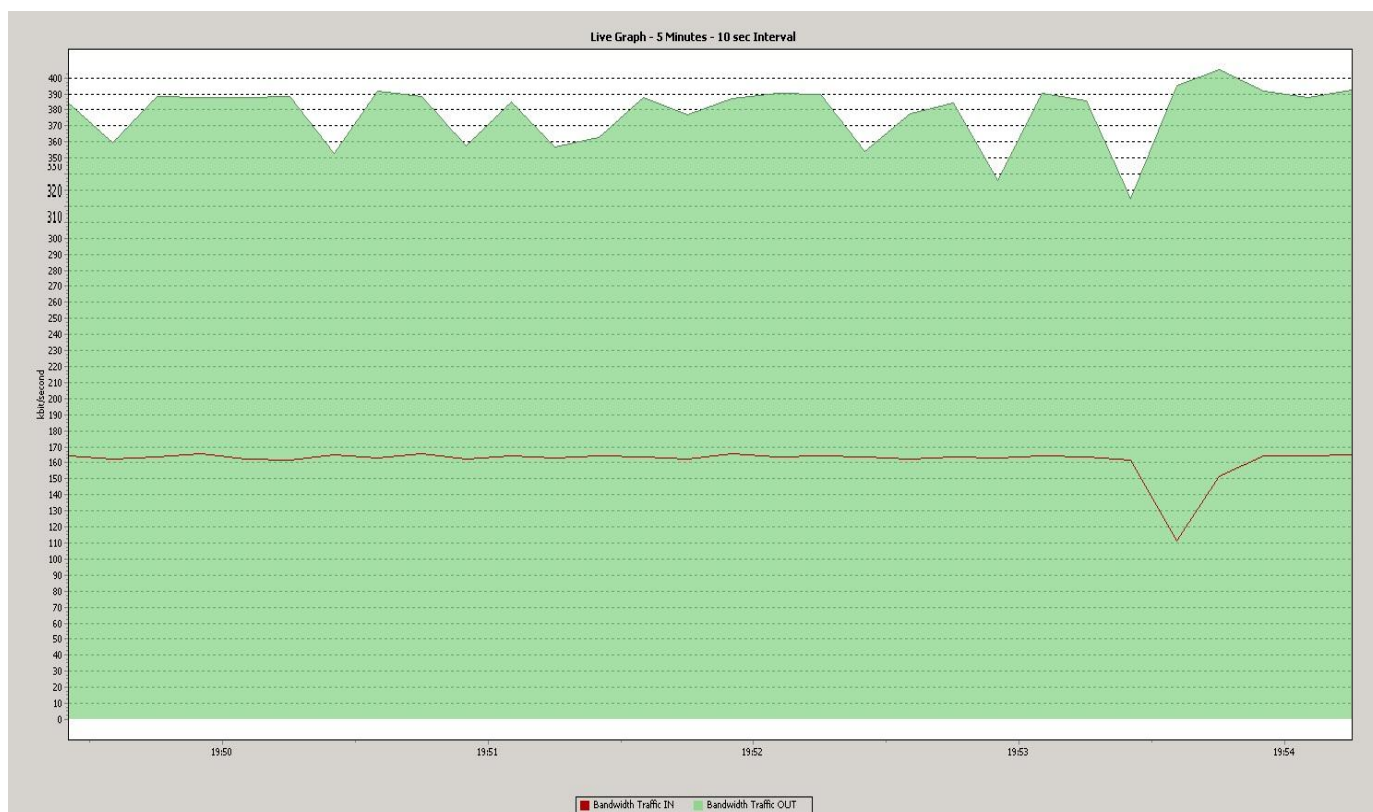| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Passone
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Debora Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-PRIS-4336	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

```
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           : 11.606577 GHz
Symbol Rate         : 45.000282 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                 : 9.9 dB
Input Power         : -26 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     : -16.2 dBm
ODU Output Power     : 33.3 dBm
EIRP                 : 46.6 dBW
Es/No                : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : 76 us (253552 us)
Frequency correction: 120 Hz


IP DVB: 10.148.4.108/32


 C:\>ping -n 10 10.172.26.1

 Pinging 10.172.26.1 with 32 bytes of data:

 Reply from 10.172.26.1: bytes=32 time=577ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=597ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=521ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=532ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=552ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=564ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=583ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=565ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=614ms TTL=62
 Reply from 10.172.26.1: bytes=32 time=535ms TTL=62

 Ping statistics for 10.172.26.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 521ms, Maximum = 614ms, Average = 564ms
```