prodemge	# TERMO DE ACEITE TÉCNICO

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

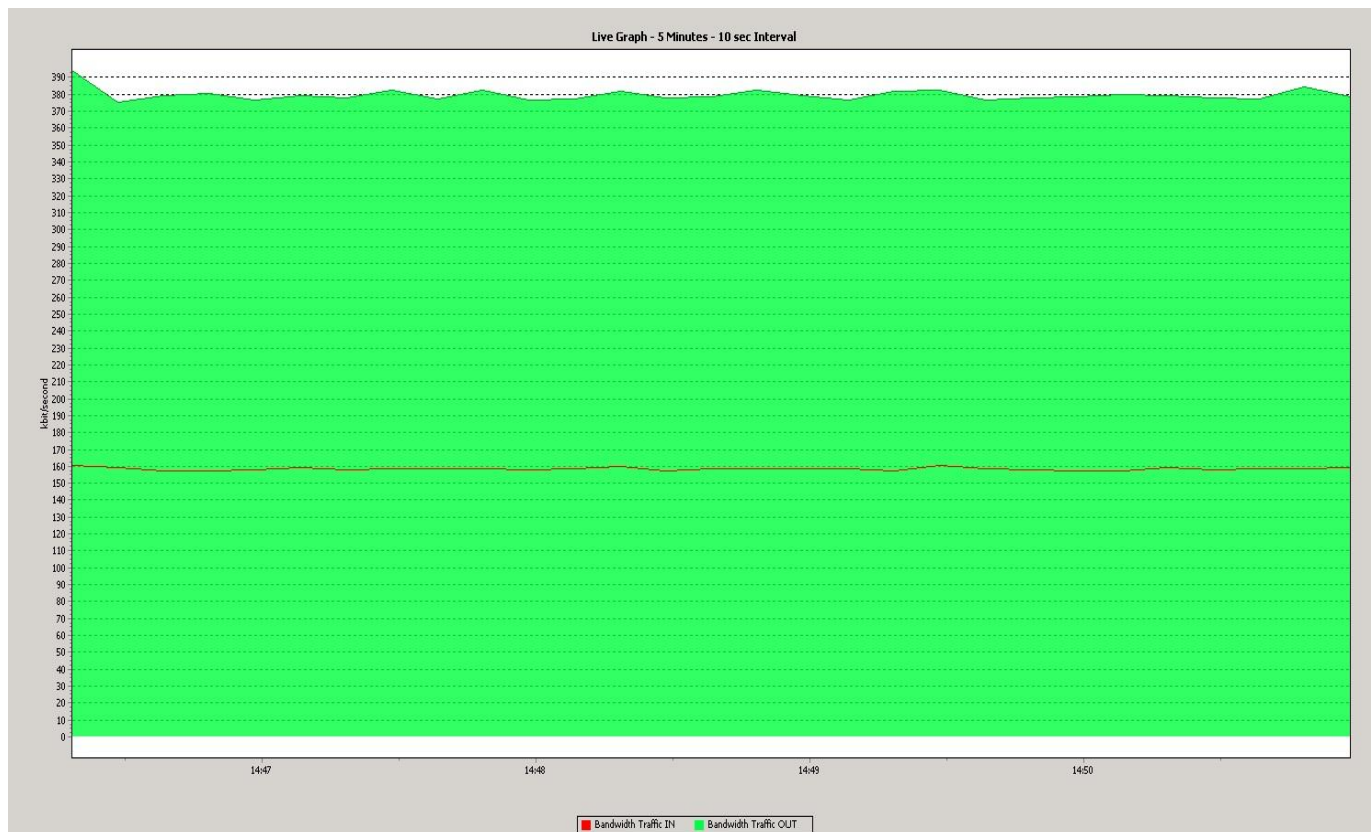| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Fabio Fernandes
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Ângela Maria

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SERO-5098	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          : 11.606116 GHz
Symbol Rate        : 45.000425 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                : 9.7 dB
Input Power        : -32 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     : -13.9 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 48.1 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 153 us (251558 us)
Frequency correction: 140 Hz


IP DVB: 10.148.5.78/32


 Pinging 10.173.197.1 with 32 bytes of data:

 Reply from 10.173.197.1: bytes=32 time=558ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=573ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=589ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=605ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=525ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=544ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=564ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=576ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=590ms TTL=62
 Reply from 10.173.197.1: bytes=32 time=607ms TTL=62

 Ping statistics for 10.173.197.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 525ms, Maximum = 607ms, Average = 573ms
```