	TERMO DE ACEITE TÉCNICO

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

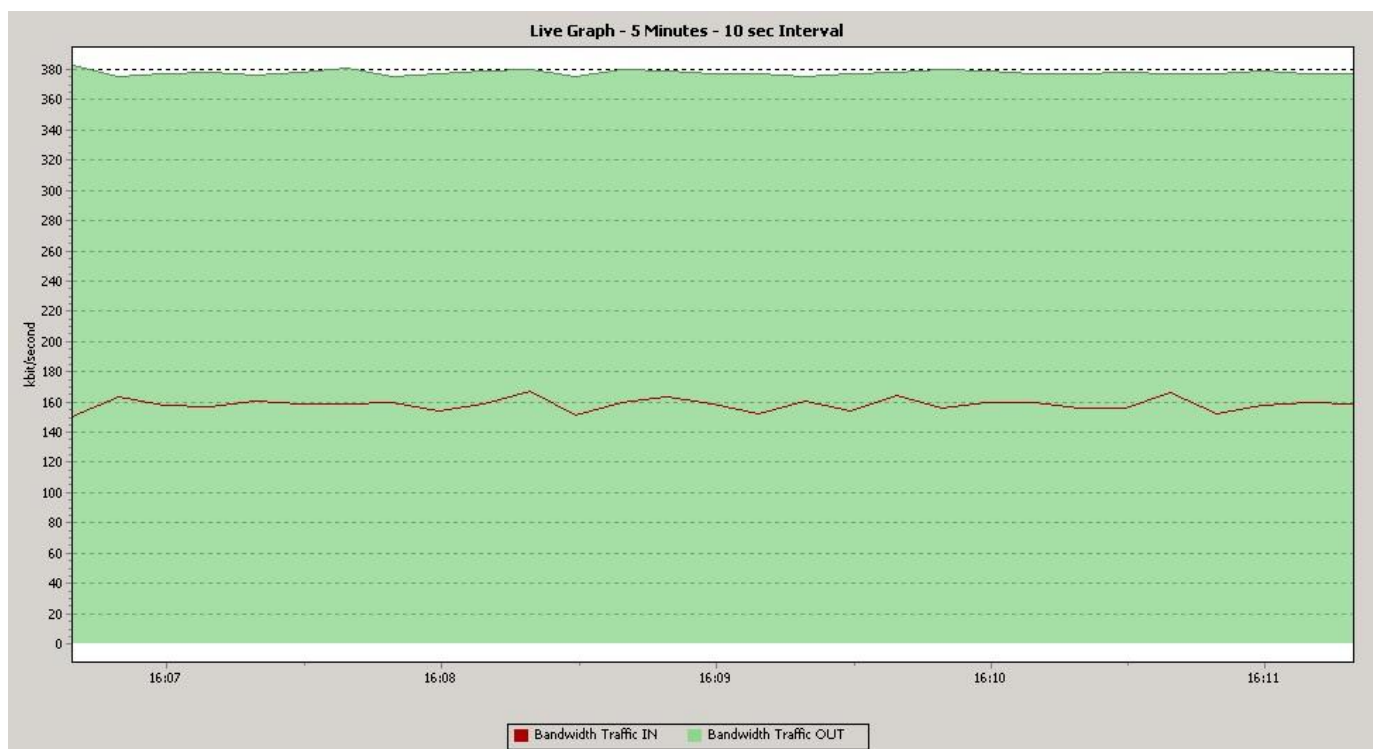|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Ed Carlos
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Magnália Moraes

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CETE-0857	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    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           : 11.588483 GHz
Symbol Rate         : 13.332989 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.0 dB
Input Power         : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 33.2 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      : -18.0 dBm
ODU Output Power      : 32.2 dBm
EIRP                  : 45.5 dBW
Es/No                 : 16.0 dB
Header Compression    :  DSM-CC
Timing correction     : -104 us (261358 us)
Frequency correction: -110 Hz
#


IP DVB 10.148.1.163/32


Pinging 10.144.176.1 with 32 bytes of data:

Reply from 10.144.176.1: bytes=32 time=553ms TTL=62
Reply from 10.144.176.1: bytes=32 time=564ms TTL=62
Reply from 10.144.176.1: bytes=32 time=585ms TTL=62
Reply from 10.144.176.1: bytes=32 time=595ms TTL=62
Reply from 10.144.176.1: bytes=32 time=616ms TTL=62
Reply from 10.144.176.1: bytes=32 time=539ms TTL=62
Reply from 10.144.176.1: bytes=32 time=549ms TTL=62
Reply from 10.144.176.1: bytes=32 time=570ms TTL=62
Reply from 10.144.176.1: bytes=32 time=580ms TTL=62
Reply from 10.144.176.1: bytes=32 time=600ms TTL=62

Ping statistics for 10.144.176.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 539ms, Maximum = 616ms, Average = 575ms
```