	TERMO DE ACEITE TÉCNICO

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

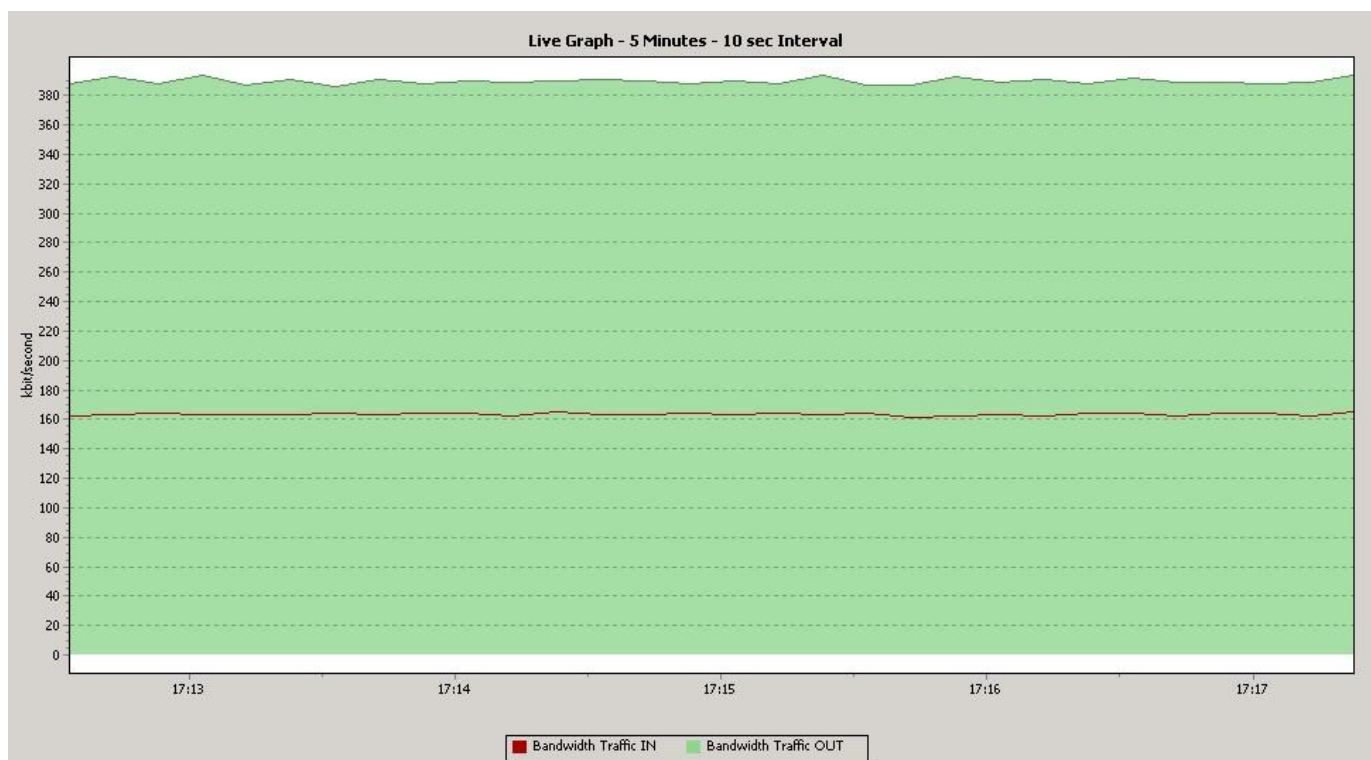|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Walter Leandro Arcanjo de Souza
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Maria Aparecida Morais Almeida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SATO-3598	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           : 11.588622 GHz
Symbol Rate         : 13.333040 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                 : 13.9 dB
Input Power         : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -25.8 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : -94 us (260330 us)
Frequency correction: -110 Hz
#


IP DVB 10.148.1.53/32


Pinging 10.145.242.1 with 32 bytes of data:

Reply from 10.145.242.1: bytes=32 time=624ms TTL=62
Reply from 10.145.242.1: bytes=32 time=546ms TTL=62
Reply from 10.145.242.1: bytes=32 time=557ms TTL=62
Reply from 10.145.242.1: bytes=32 time=577ms TTL=62
Reply from 10.145.242.1: bytes=32 time=588ms TTL=62
Reply from 10.145.242.1: bytes=32 time=609ms TTL=62
Reply from 10.145.242.1: bytes=32 time=532ms TTL=62
Reply from 10.145.242.1: bytes=32 time=543ms TTL=62
Reply from 10.145.242.1: bytes=32 time=564ms TTL=62
Reply from 10.145.242.1: bytes=32 time=575ms TTL=62

Ping statistics for 10.145.242.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 532ms, Maximum = 624ms, Average = 571ms
```