prodemge	TERMO DE ACEITE TÉCNICO

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

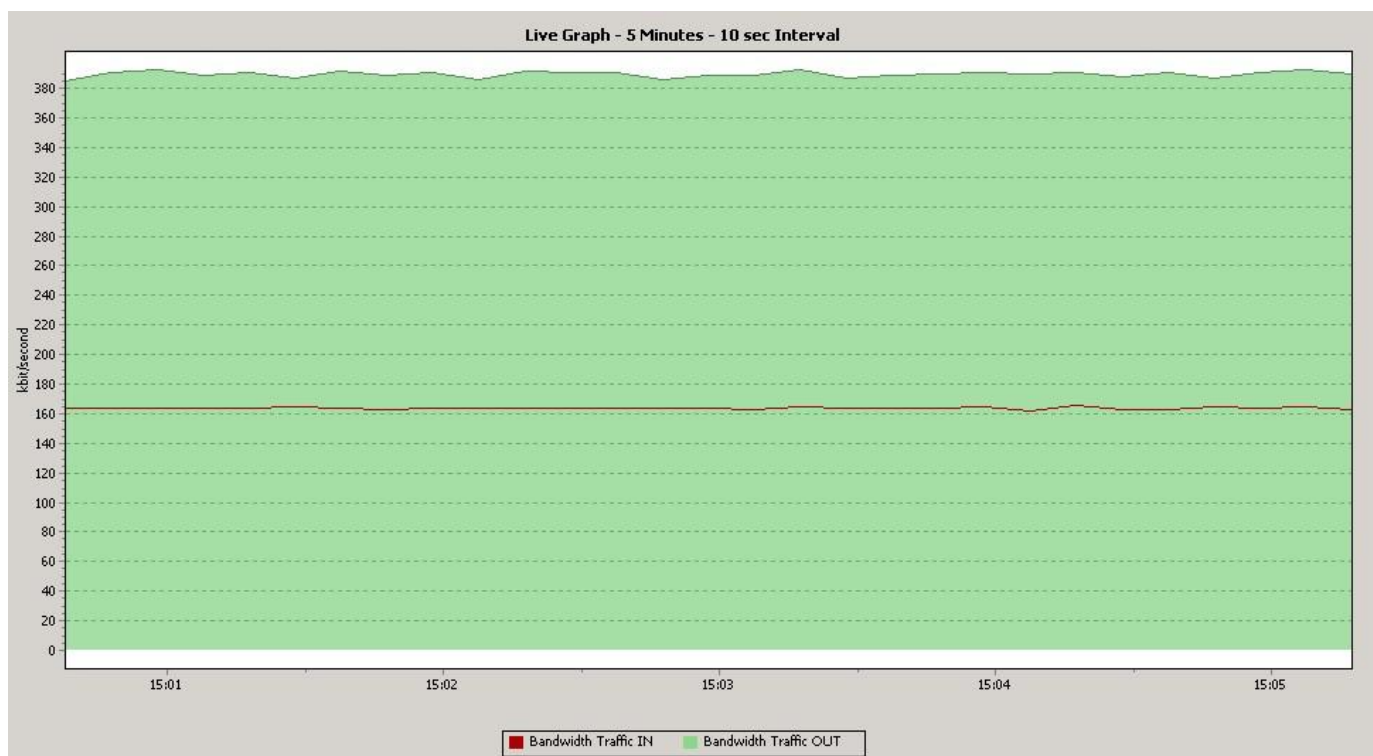|	
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Walter Leandro Arcanjo Souza
GRE/Prodemge: Marlu da Silva Santos	**Responsável/cliente:** Simaia Leal

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-JODE-3767	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency        : On
RX watchdog        : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId  Enable
* 0   1    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          : 11.588543 GHz
Symbol Rate        : 13.333028 Msps
S2 ModCod
     - receiving   : 4   QPSK-1/2
     - current max : 21   16APSK-5/6
Pilot              : On
Frame length       : Short frame
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 13.4 dB
Input Power        : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU output power    : -11 dBm
EIRP                : 46.0 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    : -19.3 dBm
ODU Output Power    : 32.7 dBm
EIRP                : 46.0 dBW
Eb/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : -198 us (260461 us)
Frequency correction: -220 Hz

IP DVB 10.148.1.80/32

Pinging 10.146.85.1 with 32 bytes of data:

Reply from 10.146.85.1: bytes=32 time=556ms TTL=62
Reply from 10.146.85.1: bytes=32 time=576ms TTL=62
Reply from 10.146.85.1: bytes=32 time=554ms TTL=62
Reply from 10.146.85.1: bytes=32 time=607ms TTL=62
Reply from 10.146.85.1: bytes=32 time=618ms TTL=62
Reply from 10.146.85.1: bytes=32 time=569ms TTL=62
Reply from 10.146.85.1: bytes=32 time=561ms TTL=62
Reply from 10.146.85.1: bytes=32 time=572ms TTL=62
Reply from 10.146.85.1: bytes=32 time=592ms TTL=62
Reply from 10.146.85.1: bytes=32 time=570ms TTL=62

Ping statistics for 10.146.85.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 554ms, Maximum = 618ms, Average = 577ms
```