prodemge | TERMO DE ACEITE TÉCNICO

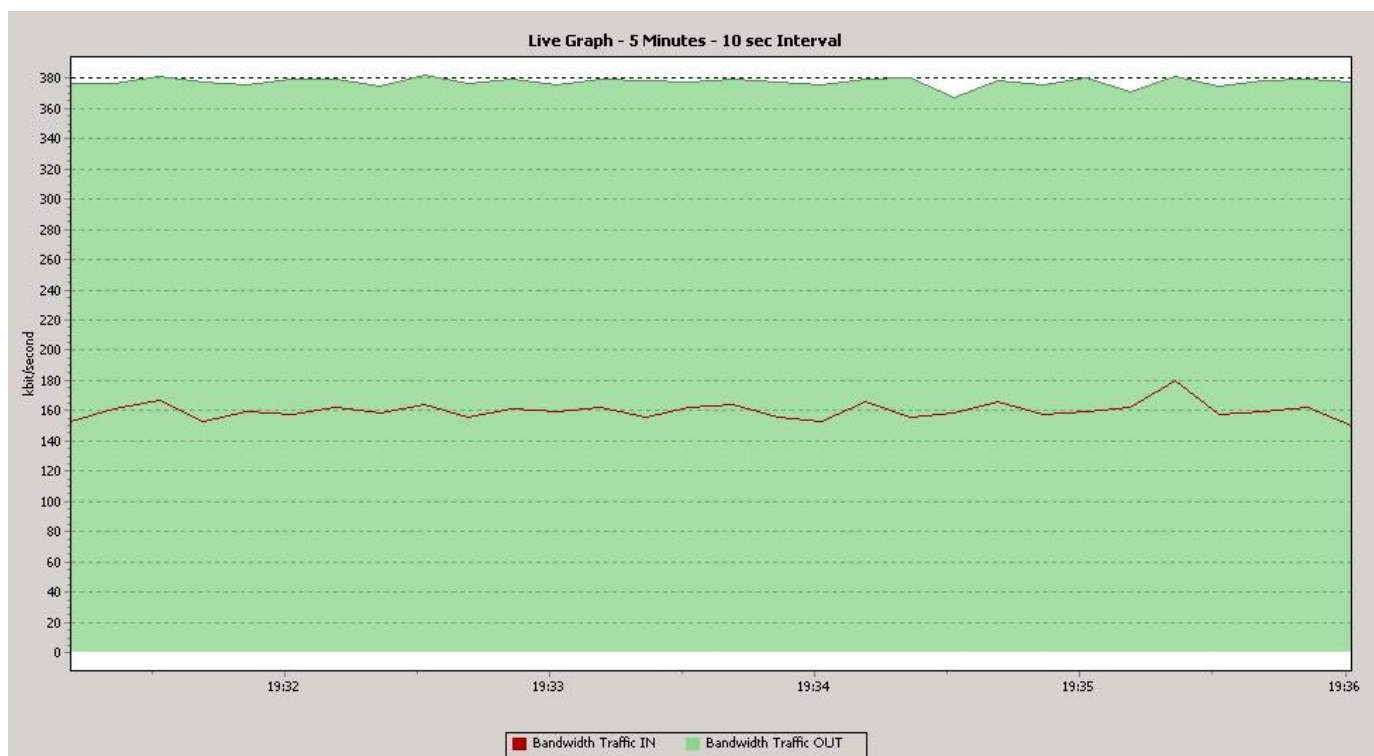| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais			**Data:** 14/05/2012
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Welligton Ferreira Sousa	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Vanessa Guimarães	

Consórcio STM/Vodanet	VSAT-ID SES-CAIS-3387	Porta kbps 384/153	Plataforma 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     7.120000       11.583700  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583802 GHz
Symbol Rate         : 7.120052 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                 : 14.8 dB
Input Power         : -32 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -16 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      : -12.9 dBm
ODU Output Power      : 34.7 dBm
EIRP                  : 48.0 dBW
Es/No                 : 10.5 dB
Header Compression   :  DSM-CC
Timing correction    : -290 us (273794 us)
Frequency correction: -120 Hz


IP DVB 10.148.0.222/32


Pinging 10.145.88.1 with 32 bytes of data:

Reply from 10.145.88.1: bytes=32 time=613ms TTL=62
Reply from 10.145.88.1: bytes=32 time=632ms TTL=62
Reply from 10.145.88.1: bytes=32 time=555ms TTL=62
Reply from 10.145.88.1: bytes=32 time=566ms TTL=62
Reply from 10.145.88.1: bytes=32 time=586ms TTL=62
Reply from 10.145.88.1: bytes=32 time=597ms TTL=62
Reply from 10.145.88.1: bytes=32 time=549ms TTL=62
Reply from 10.145.88.1: bytes=32 time=542ms TTL=62
Reply from 10.145.88.1: bytes=32 time=553ms TTL=62
Reply from 10.145.88.1: bytes=32 time=574ms TTL=62

Ping statistics for 10.145.88.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 632ms, Average = 576ms
```