TERMO DE ACEITE TÉCNICO

prodemge

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 17/04/2012

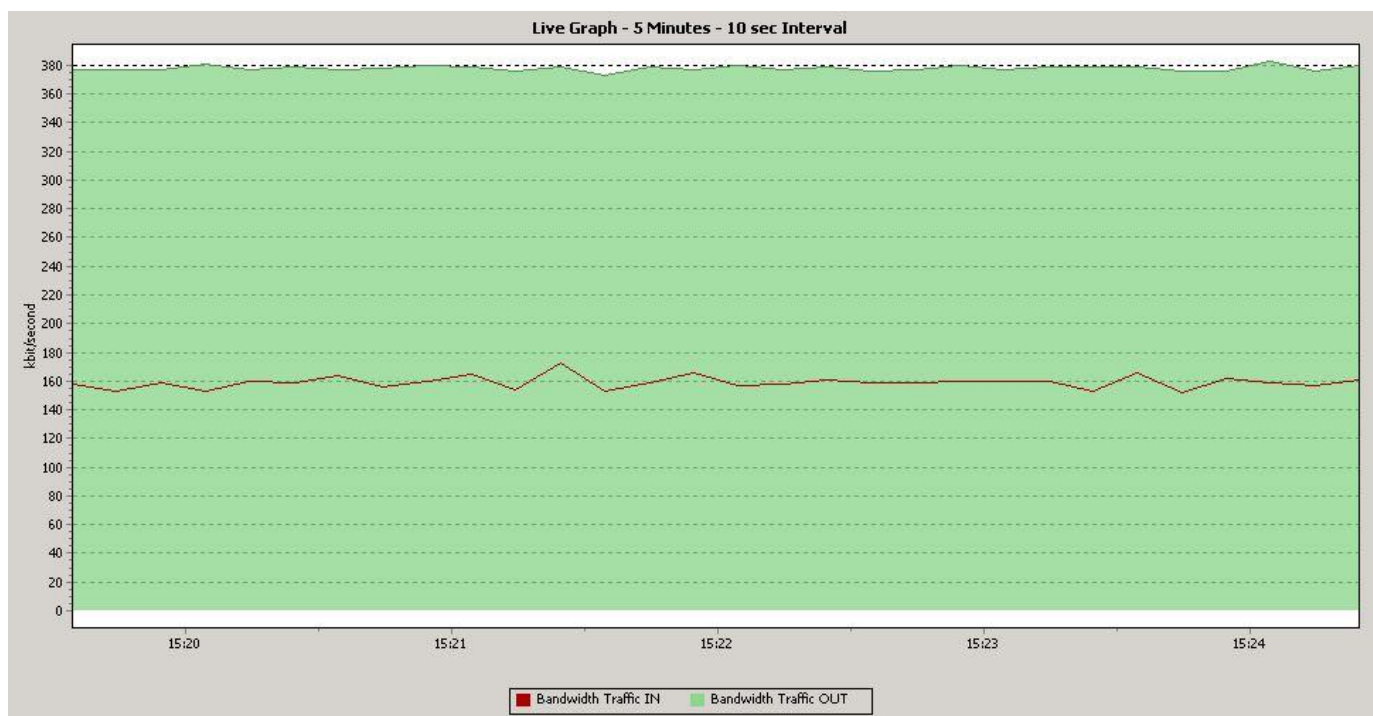|	
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Wellington Ferreira de Souza
GRE/Prodemge: Bruno de Líbero Hauck Ferreira	**Responsável/cliente:** Paula Cristina

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-SAIA-3246	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  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           : 11.583953 GHz
Symbol Rate         : 7.119942 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 23   16APSK-9/10
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 15.6 dB
Input Power         : -26 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -23 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    : -21.1 dBm
ODU Output Power    : 33.1 dBm
EIRP                : 46.4 dBW
Eb/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : -421 us (271507 us)
Frequency correction: -80 Hz


IP DVB 10.148.0.179/32


Pinging 10.145.25.1 with 32 bytes of data:

Reply from 10.145.25.1: bytes=32 time=568ms TTL=62
Reply from 10.145.25.1: bytes=32 time=588ms TTL=62
Reply from 10.145.25.1: bytes=32 time=599ms TTL=62
Reply from 10.145.25.1: bytes=32 time=619ms TTL=62
Reply from 10.145.25.1: bytes=32 time=629ms TTL=62
Reply from 10.145.25.1: bytes=32 time=552ms TTL=62
Reply from 10.145.25.1: bytes=32 time=573ms TTL=62
Reply from 10.145.25.1: bytes=32 time=583ms TTL=62
Reply from 10.145.25.1: bytes=32 time=603ms TTL=62
Reply from 10.145.25.1: bytes=32 time=613ms TTL=62

Ping statistics for 10.145.25.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 552ms, Maximum = 629ms, Average = 592ms
```