prodemge

TERMO DE ACEITE TÉCNICO

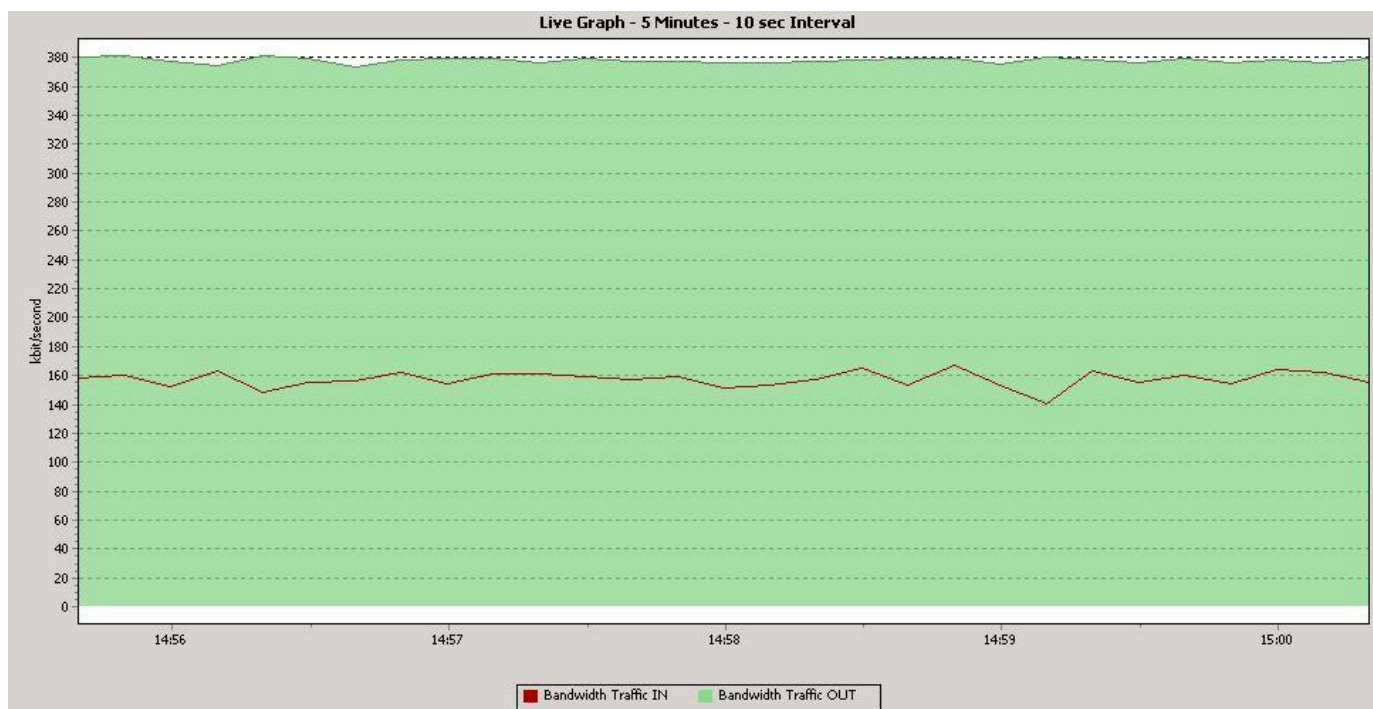|	
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 24/02/2012
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Fabrício Soares
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Letícia Junho Moreira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-COIA-0796	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: 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           : 11.584166 GHz
Symbol Rate         : 7.119967 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                 : 13.8 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 32.7 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      : -21.5 dBm
ODU Output Power      : 32.2 dBm
EIRP                  : 45.5 dBW
Es/No                 : 13.0 dB
Header Compression  :  DSM-CC
Timing correction   : -365 us (272775 us)
Frequency correction: -30 Hz


IP DVB 10.148.0.92/32


Pinging 10.144.112.1 with 32 bytes of data:

Reply from 10.144.112.1: bytes=32 time=562ms TTL=62
Reply from 10.144.112.1: bytes=32 time=582ms TTL=62
Reply from 10.144.112.1: bytes=32 time=556ms TTL=62
Reply from 10.144.112.1: bytes=32 time=613ms TTL=62
Reply from 10.144.112.1: bytes=32 time=624ms TTL=62
Reply from 10.144.112.1: bytes=32 time=543ms TTL=62
Reply from 10.144.112.1: bytes=32 time=559ms TTL=62
Reply from 10.144.112.1: bytes=32 time=570ms TTL=62
Reply from 10.144.112.1: bytes=32 time=590ms TTL=62
Reply from 10.144.112.1: bytes=32 time=569ms TTL=62

Ping statistics for 10.144.112.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 543ms, Maximum = 624ms, Average = 576ms
```