prodemge

TERMO DE ACEITE TÉCNICO

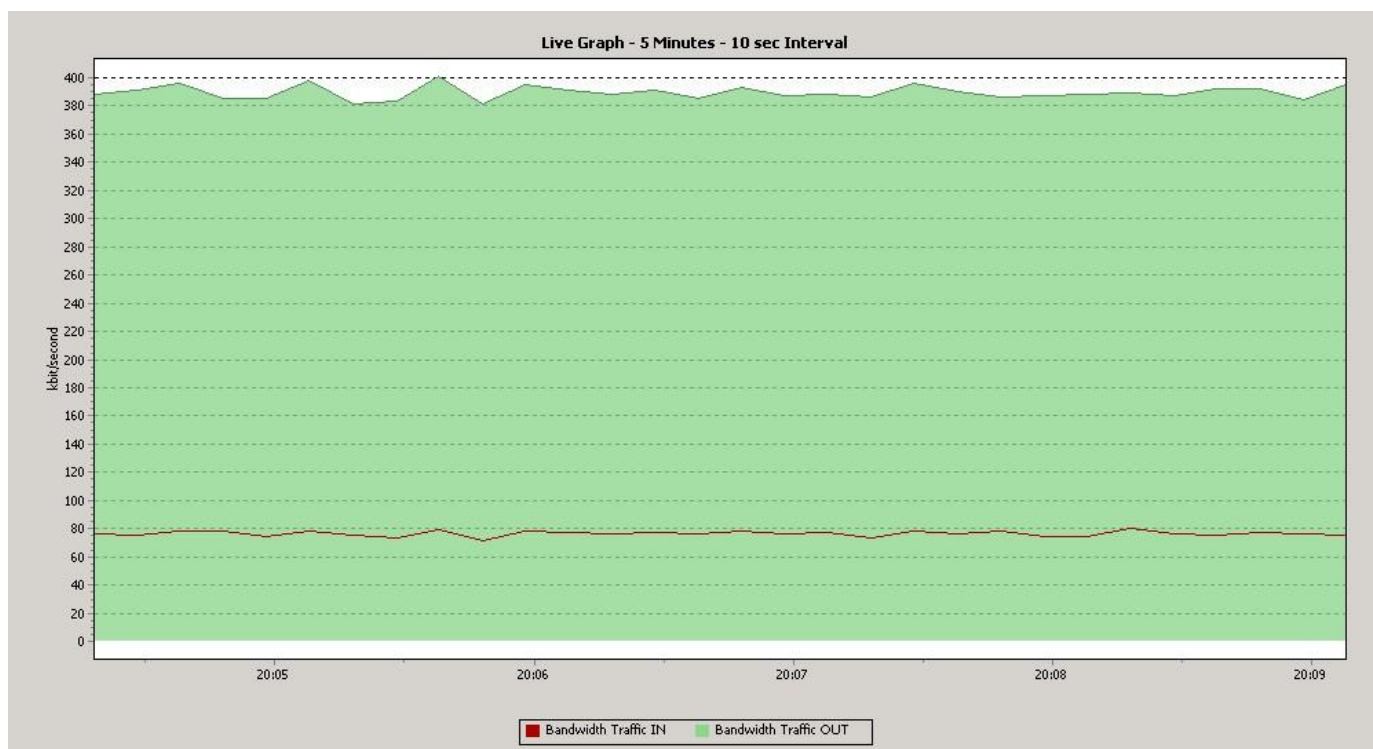|	
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 05/03/2012
NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Airton Gabriel do Nascimento Moro
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Luciana Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-LADA-0846	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          : 11.583824 GHz
Symbol Rate        : 7.120018 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                : 14.4 dB
Input Power        : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -17.8 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 13.5 dB
Header Compression   :  DSM-CC
Timing correction    : -308 us (271872 us)
Frequency correction: 90 Hz


IP DVB 10.148.0.126/32


Pinging 10.144.165.1 with 32 bytes of data:

Reply from 10.144.165.1: bytes=32 time=572ms TTL=62
Reply from 10.144.165.1: bytes=32 time=592ms TTL=62
Reply from 10.144.165.1: bytes=32 time=603ms TTL=62
Reply from 10.144.165.1: bytes=32 time=623ms TTL=62
Reply from 10.144.165.1: bytes=32 time=546ms TTL=62
Reply from 10.144.165.1: bytes=32 time=557ms TTL=62
Reply from 10.144.165.1: bytes=32 time=578ms TTL=62
Reply from 10.144.165.1: bytes=32 time=556ms TTL=62
Reply from 10.144.165.1: bytes=32 time=609ms TTL=62
Reply from 10.144.165.1: bytes=32 time=619ms TTL=62

Ping statistics for 10.144.165.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 546ms, Maximum = 623ms, Average = 585ms
```