TERMO DE ACEITE TÉCNICO

prodemge

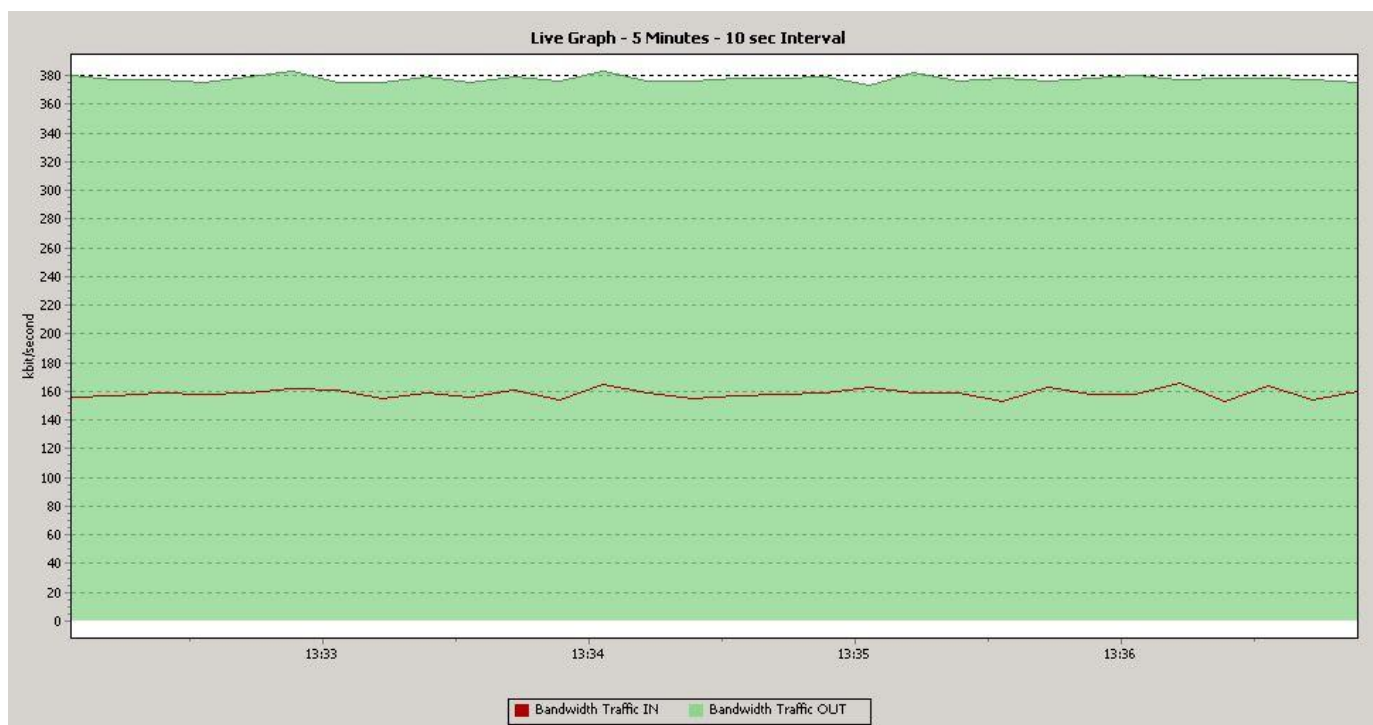|	
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 29/03/2012
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Antônio Marques da Costa Filho
GRE/Prodemge: Bruno de Líbero Hauck Ferreira	**Responsável/cliente:** José Guido de Souza

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-DOOS-0688	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           : 11.583872 GHz
Symbol Rate         : 7.119927 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                 : 16.0 dB
Input Power         : -35 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.128000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -19.2 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.2 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -364 us (271897 us)
Frequency correction: -70 Hz


IP DVB 10.148.0.156/32


Pinging 10.144.43.1 with 32 bytes of data:

Reply from 10.144.43.1: bytes=32 time=616ms TTL=62
Reply from 10.144.43.1: bytes=32 time=538ms TTL=62
Reply from 10.144.43.1: bytes=32 time=681ms TTL=62
Reply from 10.144.43.1: bytes=32 time=616ms TTL=62
Reply from 10.144.43.1: bytes=32 time=560ms TTL=62
Reply from 10.144.43.1: bytes=32 time=639ms TTL=62
Reply from 10.144.43.1: bytes=32 time=547ms TTL=62
Reply from 10.144.43.1: bytes=32 time=574ms TTL=62
Reply from 10.144.43.1: bytes=32 time=567ms TTL=62
Reply from 10.144.43.1: bytes=32 time=574ms TTL=62

Ping statistics for 10.144.43.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 538ms, Maximum = 681ms, Average = 591ms
```