prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 18/04/2012	
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Marcos Aurélio	
GRE/Prodemge: Bruno Hauck		**Responsável/cliente:** Priscila Aparecida de Almeida Ribeiro	
Consórcio STM/Vodanet	**VSAT-ID** SES-SARE-3272	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval
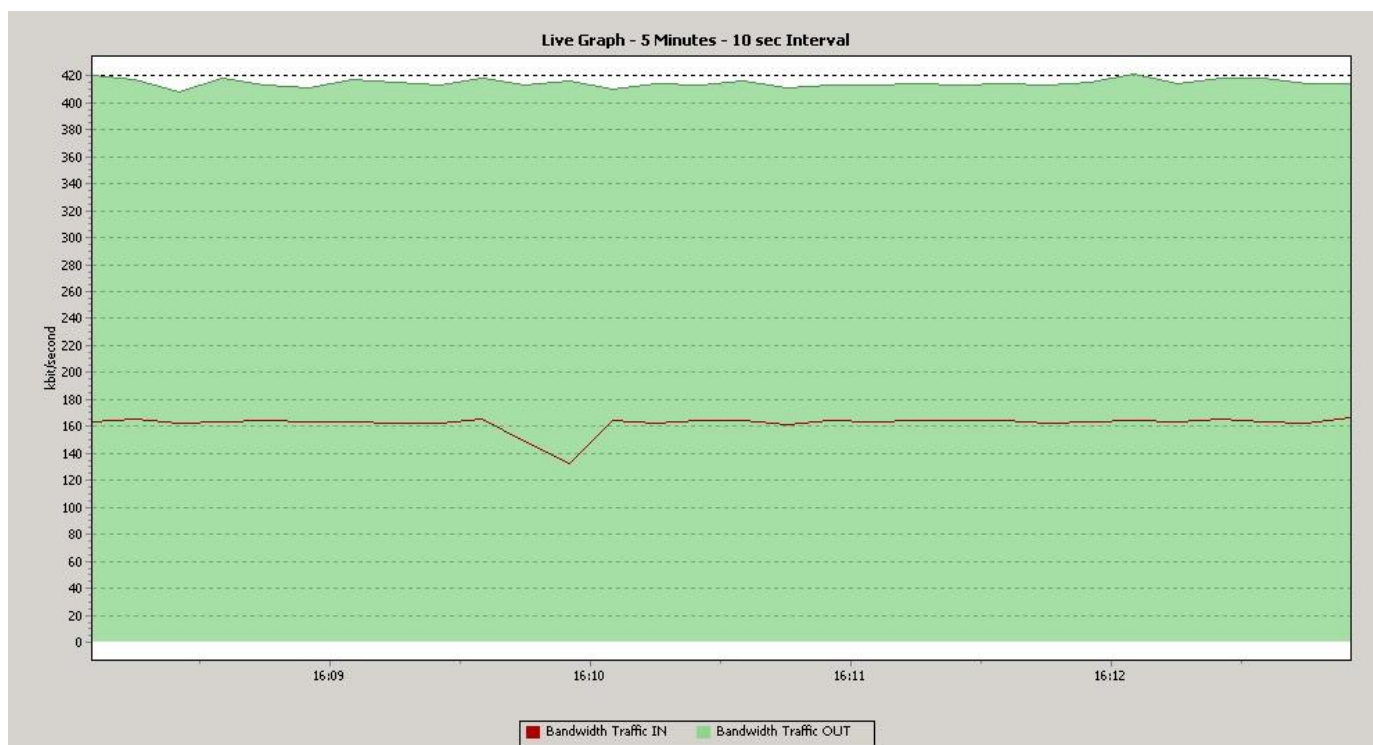
```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode    PopId     Enable
* 0  0      7.120000      11.583700   DVB-S2  2           Yes
  1  1      0.000000       0.000000   DVB-S2  2           No

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583818 GHz
Symbol Rate         : 7.119944 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                 : 15.1 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 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     : -10.8 dBm
ODU Output Power     : 33.0 dBm
EIRP                 : 46.3 dBW
Es/No                : 15.5 dB
Header Compression   :  DSM-CC
Timing correction    : -435 us (271332 us)
Frequency correction: -40 Hz

IP DVB 10.148.0.177/32

Pinging 10.145.42.1 with 32 bytes of data:

Reply from 10.145.42.1: bytes=32 time=615ms TTL=62
Reply from 10.145.42.1: bytes=32 time=625ms TTL=62
Reply from 10.145.42.1: bytes=32 time=548ms TTL=62
Reply from 10.145.42.1: bytes=32 time=569ms TTL=62
Reply from 10.145.42.1: bytes=32 time=579ms TTL=62
Reply from 10.145.42.1: bytes=32 time=600ms TTL=62
Reply from 10.145.42.1: bytes=32 time=611ms TTL=62
Reply from 10.145.42.1: bytes=32 time=631ms TTL=62
Reply from 10.145.42.1: bytes=32 time=554ms TTL=62
Reply from 10.145.42.1: bytes=32 time=565ms TTL=62

Ping statistics for 10.145.42.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 548ms, Maximum = 631ms, Average = 589ms
```