prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 24/01/2012	
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Antonio Gonçalves	
GRE/Prodemge: Bruno Hauck		**Responsável/cliente:** Aparecida Janio	
Consórcio STM/Vodanet	**VSAT-ID** SES-CADE-0673	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT
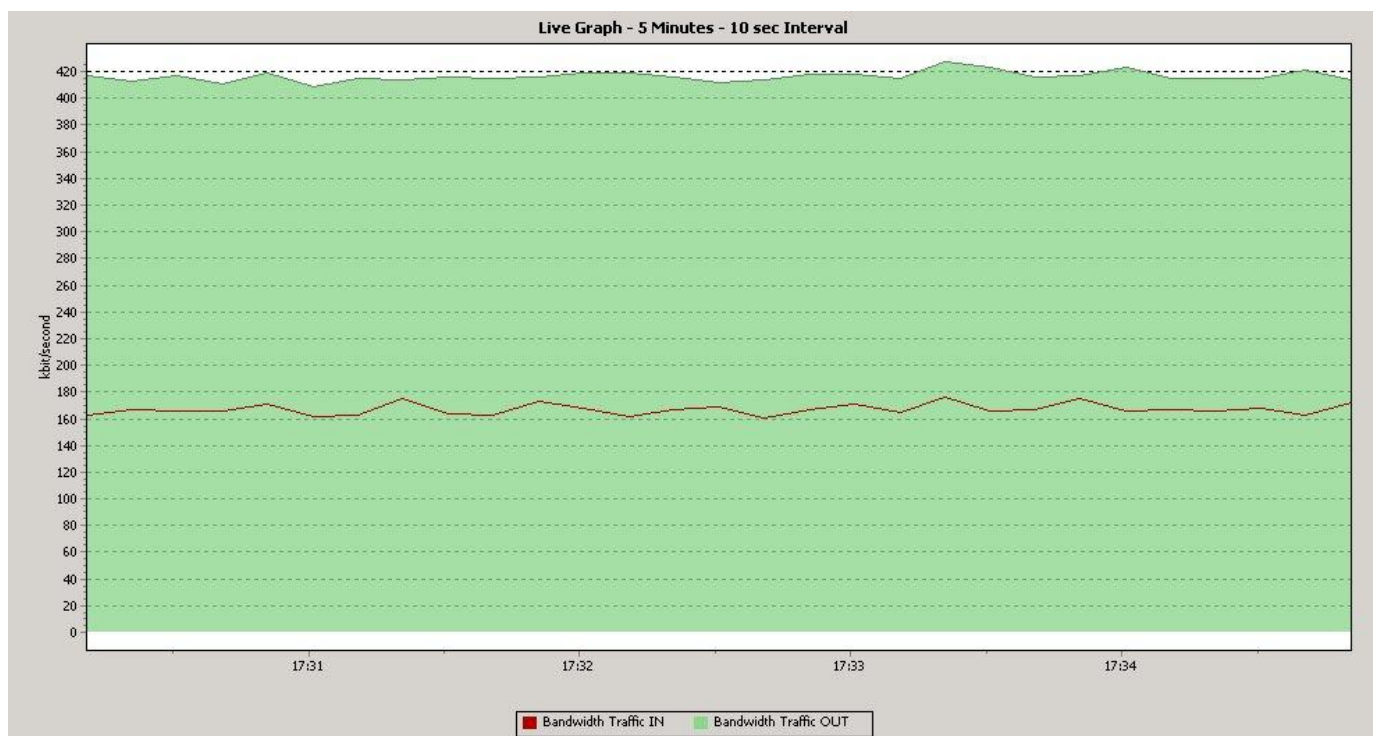
```
#
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0   0      7.120000      11.583700   DVB-S2  2         Yes
  1   1      0.000000       0.000000   DVB-S2  2         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583591 GHz
Symbol Rate         : 7.120029 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                 : 14.3 dB
Input Power         : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -18 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     : -19.7 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -263 us (272356 us)
Frequency correction: 0 Hz

IP DVB 10.148.0.59


 Pinging 10.144.28.1 with 32 bytes of data:

 Reply from 10.144.28.1: bytes=32 time=584ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=590ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=615ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=538ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=577ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=568ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=579ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=598ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=605ms TTL=62
 Reply from 10.144.28.1: bytes=32 time=630ms TTL=62

 Ping statistics for 10.144.28.1:
 Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
 Minimum = 538ms, Maximum = 630ms, Average = 588ms
```