prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 01/03/2012

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Edinei Gomes de Sousa

GRE/Prodemge: Bruno Hauck	**Responsável/cliente:** Laura Carla Brito Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-FOSO-0803	384/153	VSAT
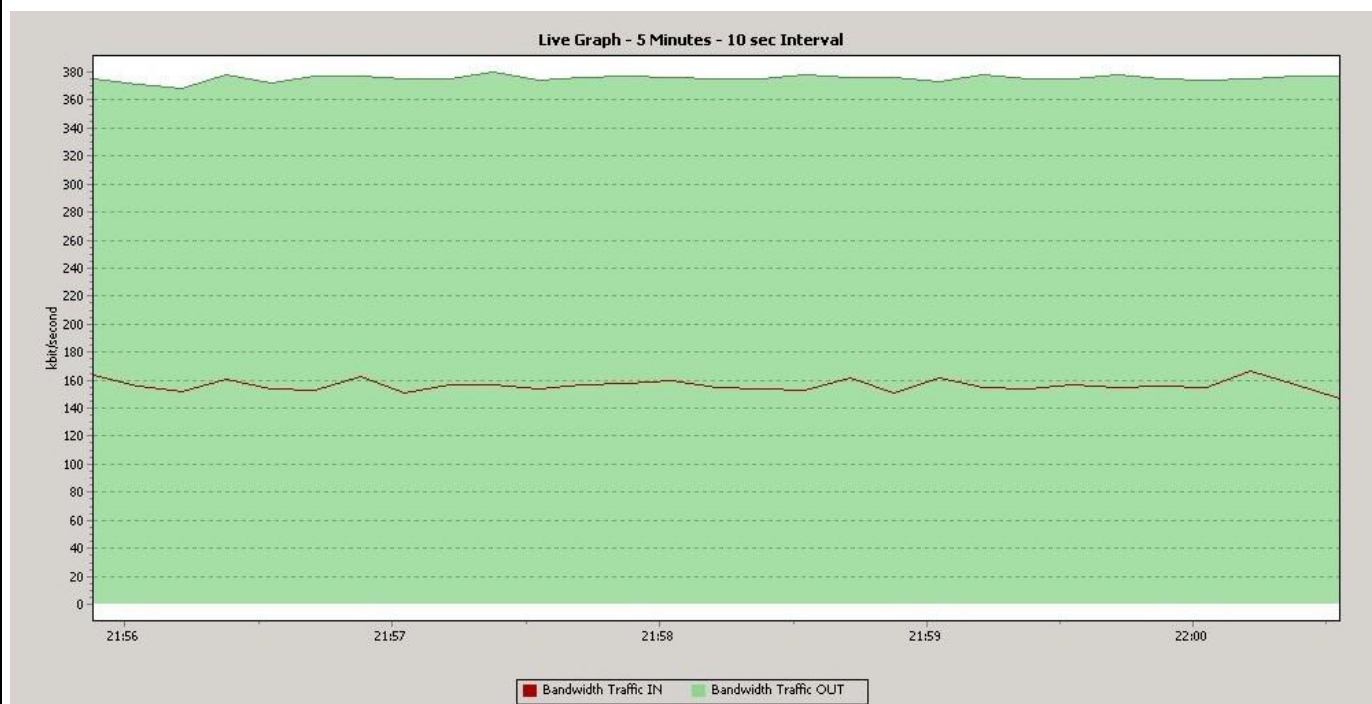

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.583882 GHz
Symbol Rate        : 7.119925 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                : 13.9 dB
Input Power        : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -15 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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     : -11.1 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Es/No                : 11.0 dB
Header Compression   :  DSM-CC
Timing correction    : -302 us (271509 us)
Frequency correction: 130 Hz


IP DVB 10.148.0.112/32


Pinging 10.144.119.1 with 32 bytes of data:

Reply from 10.144.119.1: bytes=32 time=536ms TTL=62
Reply from 10.144.119.1: bytes=32 time=556ms TTL=62
Reply from 10.144.119.1: bytes=32 time=534ms TTL=62
Reply from 10.144.119.1: bytes=32 time=587ms TTL=62
Reply from 10.144.119.1: bytes=32 time=598ms TTL=62
Reply from 10.144.119.1: bytes=32 time=550ms TTL=62
Reply from 10.144.119.1: bytes=32 time=543ms TTL=62
Reply from 10.144.119.1: bytes=32 time=554ms TTL=62
Reply from 10.144.119.1: bytes=32 time=574ms TTL=62
Reply from 10.144.119.1: bytes=32 time=580ms TTL=62

Ping statistics for 10.144.119.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 534ms, Maximum = 598ms, Average = 561ms
```