TERMO DE ACEITE TÉCNICO

prodemge

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 08/03/2012	
NOC/Operadora: Renan Borges Sousa		**Operadora/Cliente:** Antônio Marques da Costa Filho	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Tarcízio Henrique Zago	
Consórcio STM/Vodanet	**VSAT-ID** SES-COTA-0682	**Porta kbps** 384/153	**Plataforma** VSAT
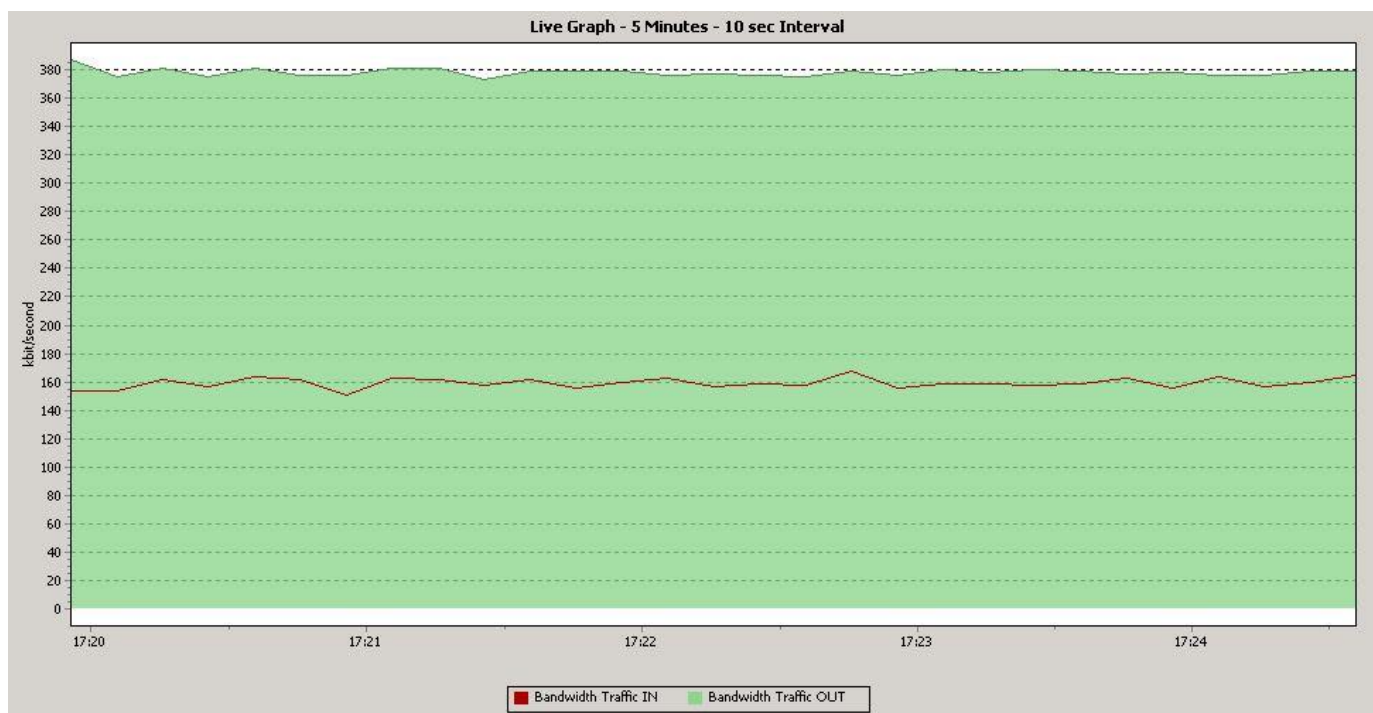

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max MODCOD         : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog        : 15 minute

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          : 11.584186 GHz
Symbol Rate        : 7.119911 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                : 15.0 dB
Input Power        : -34 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -28 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 30.5 dBm
EIRP                 : 44.0 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     : -26.1 dBm
ODU Output Power     : 30.3 dBm
EIRP                 : 43.8 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -357 us (273128 us)
Frequency correction: 60 Hz


IP DVB 10.148.0.71/32


Pinging 10.144.37.1 with 32 bytes of data:

Reply from 10.144.37.1: bytes=32 time=542ms TTL=62
Reply from 10.144.37.1: bytes=32 time=562ms TTL=62
Reply from 10.144.37.1: bytes=32 time=598ms TTL=62
Reply from 10.144.37.1: bytes=32 time=568ms TTL=62
Reply from 10.144.37.1: bytes=32 time=621ms TTL=62
Reply from 10.144.37.1: bytes=32 time=631ms TTL=62
Reply from 10.144.37.1: bytes=32 time=588ms TTL=62
Reply from 10.144.37.1: bytes=32 time=576ms TTL=62
Reply from 10.144.37.1: bytes=32 time=586ms TTL=62
Reply from 10.144.37.1: bytes=32 time=607ms TTL=62

Ping statistics for 10.144.37.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 542ms, Maximum = 631ms, Average = 587ms
```