TERMO DE ACEITE TÉCNICO

prodemge

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 11/05/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Alexandre Pascoal da Silva

GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Waniela Martins Costa

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CADE-3381	384/153	VSAT

Live Graph - 5 Minutes - 10 sec Interval
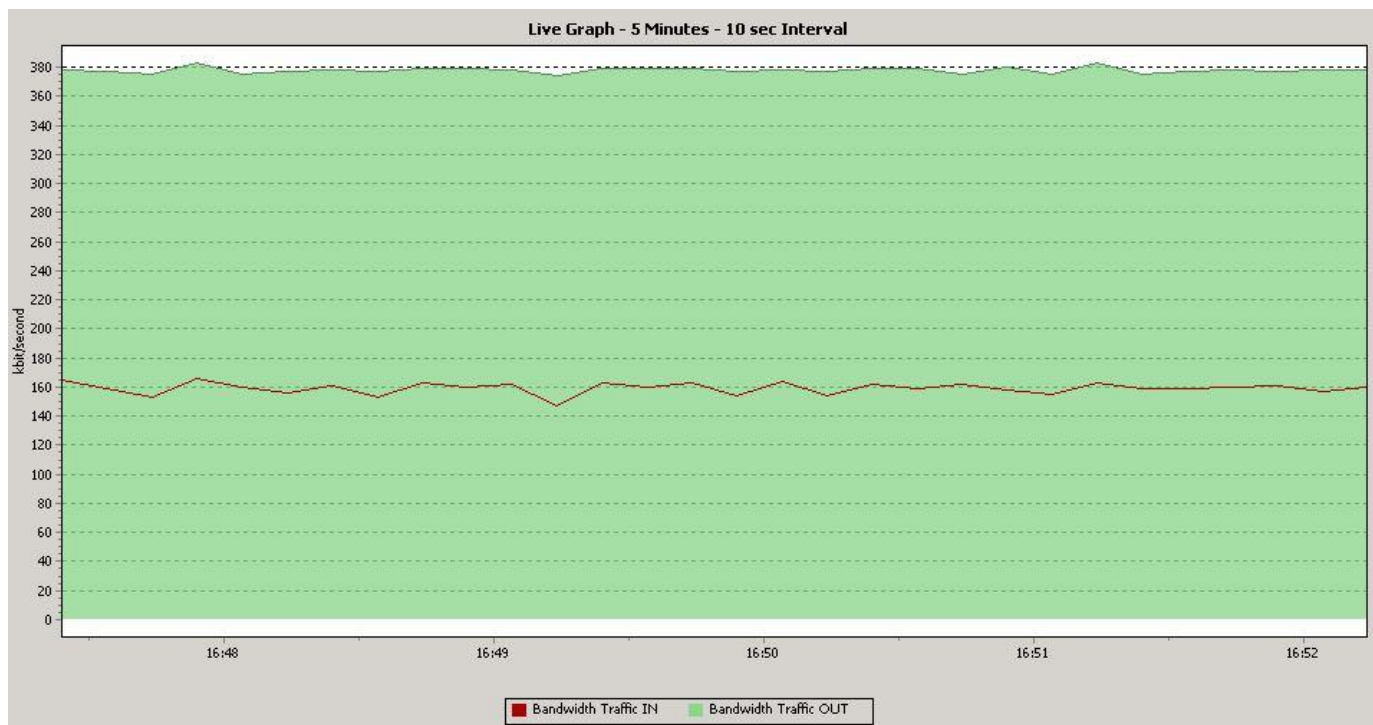
```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.583813 GHz
Symbol Rate         : 7.119962 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 23   16APSK-9/10
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 15.6 dB
Input Power         : -35 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -18 dBm
EIRP                : max
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    : -9.9 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 dBW
Eb/No               : 14.5 dB
Header Compression  :  DSM-CC
Timing correction   : -453 us (273938 us)
Frequency correction: -90 Hz


IP DVB 10.148.0.211/32


Pinging 10.145.90.1 with 32 bytes of data:

Reply from 10.145.90.1: bytes=32 time=578ms TTL=62
Reply from 10.145.90.1: bytes=32 time=588ms TTL=62
Reply from 10.145.90.1: bytes=32 time=609ms TTL=62
Reply from 10.145.90.1: bytes=32 time=620ms TTL=62
Reply from 10.145.90.1: bytes=32 time=640ms TTL=62
Reply from 10.145.90.1: bytes=32 time=563ms TTL=62
Reply from 10.145.90.1: bytes=32 time=573ms TTL=62
Reply from 10.145.90.1: bytes=32 time=593ms TTL=62
Reply from 10.145.90.1: bytes=32 time=605ms TTL=62
Reply from 10.145.90.1: bytes=32 time=626ms TTL=62

Ping statistics for 10.145.90.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 563ms, Maximum = 640ms, Average = 599ms
```