prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais	**Data:** 13/04/2012

NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Wellington Ferreira de Souza

GRE/Prodemge: João Antinossi	**Responsável/cliente:** Keila Santos

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAIA-3236	384/153	VSAT
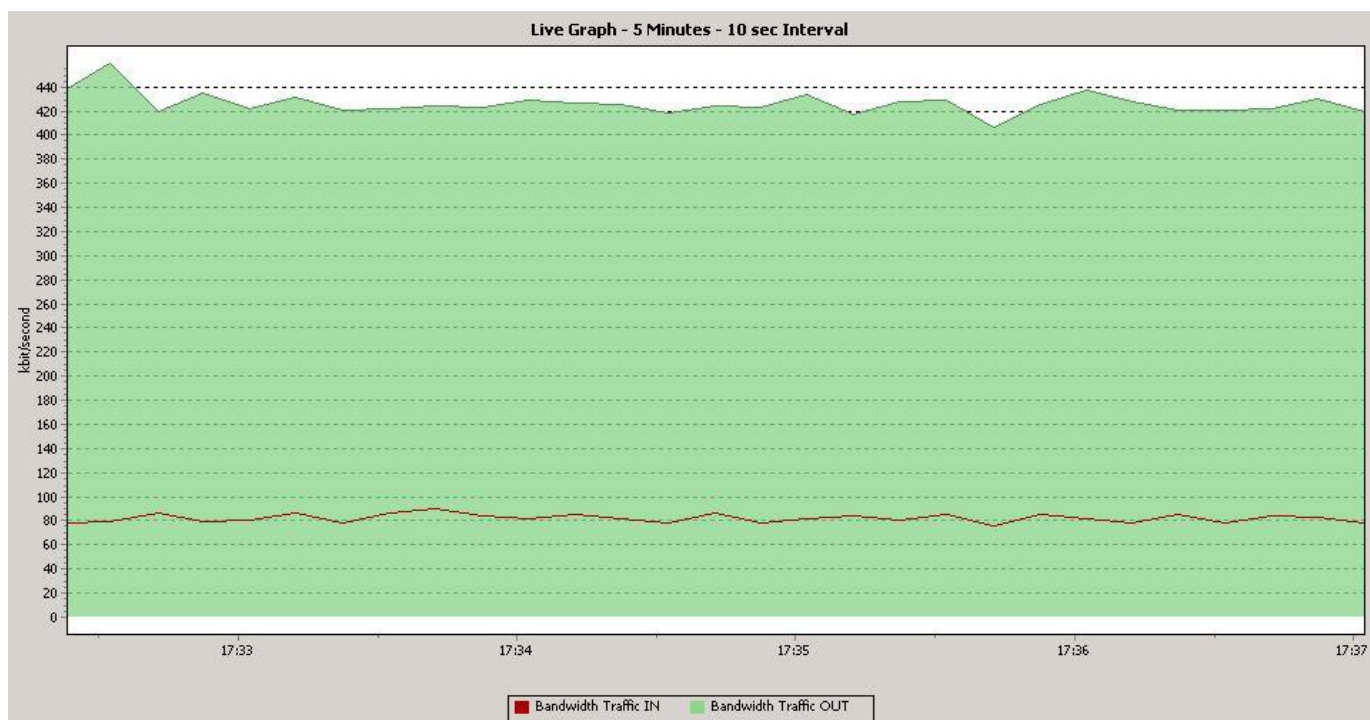

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

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           : 11.583881 GHz
Symbol Rate         : 7.120018 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 22   16APSK-8/9
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.5 dB
Input Power         : -28 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -22 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     : -20.1 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Eb/No                : 14.5 dB
Header Compression   :  DSM-CC
Timing correction    : -441 us (271530 us)
Frequency correction: 10 Hz


IP DVB 10.148.0.172/32


Pinging 10.145.15.1 with 32 bytes of data:

Reply from 10.145.15.1: bytes=32 time=585ms TTL=62
Reply from 10.145.15.1: bytes=32 time=597ms TTL=62
Reply from 10.145.15.1: bytes=32 time=554ms TTL=62
Reply from 10.145.15.1: bytes=32 time=629ms TTL=62
Reply from 10.145.15.1: bytes=32 time=552ms TTL=62
Reply from 10.145.15.1: bytes=32 time=573ms TTL=62
Reply from 10.145.15.1: bytes=32 time=583ms TTL=62
Reply from 10.145.15.1: bytes=32 time=603ms TTL=62
Reply from 10.145.15.1: bytes=32 time=613ms TTL=62
Reply from 10.145.15.1: bytes=32 time=634ms TTL=62

Ping statistics for 10.145.15.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 552ms, Maximum = 634ms, Average = 592ms
```