



TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

Data: 28/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Cid Santos

GRE/Prodemge: Bruno Hauck

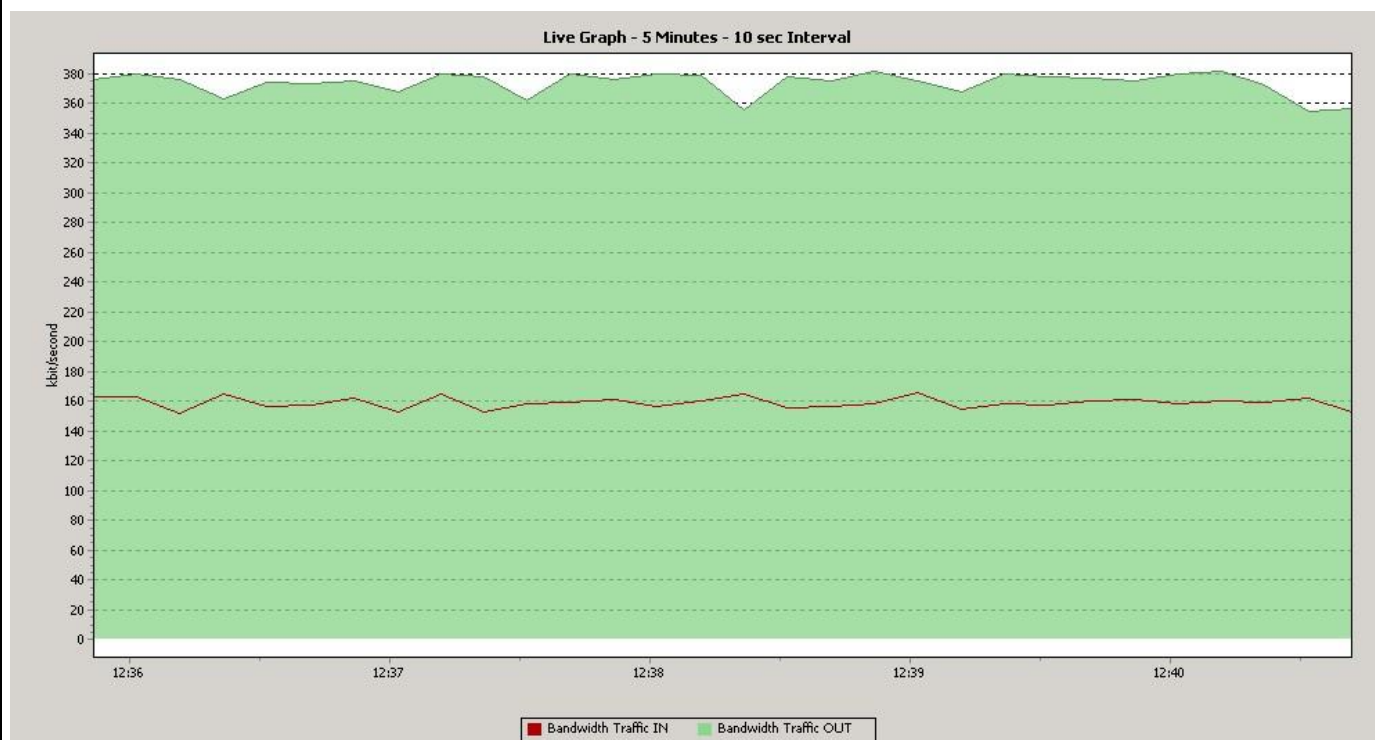
Responsável/cliente: Maira Pereira Miguel

Consórcio
STM/Vodanet

VSAT-ID
SES-COAL-0809

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[Mbps]	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            : 11.583838 GHz
Symbol Rate          : 7.119919 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                   : 15.3 dB
Input Power          : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -18.4 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -362 us (272513 us)
Frequency correction : -130 Hz

IP DVB 10.148.0.103

Pinging 10.144.125.1 with 32 bytes of data:

Reply from 10.144.125.1: bytes=32 time=585ms TTL=62
Reply from 10.144.125.1: bytes=32 time=542ms TTL=62
Reply from 10.144.125.1: bytes=32 time=585ms TTL=62
Reply from 10.144.125.1: bytes=32 time=541ms TTL=62
Reply from 10.144.125.1: bytes=32 time=561ms TTL=62
Reply from 10.144.125.1: bytes=32 time=540ms TTL=62
Reply from 10.144.125.1: bytes=32 time=592ms TTL=62
Reply from 10.144.125.1: bytes=32 time=603ms TTL=62
Reply from 10.144.125.1: bytes=32 time=559ms TTL=62
Reply from 10.144.125.1: bytes=32 time=546ms TTL=62

Ping statistics for 10.144.125.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 540ms, Maximum = 603ms, Average = 565ms
```