



TERMO DE ACEITE TÉCNICO

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

Data: 24/01/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Bruno Hauck

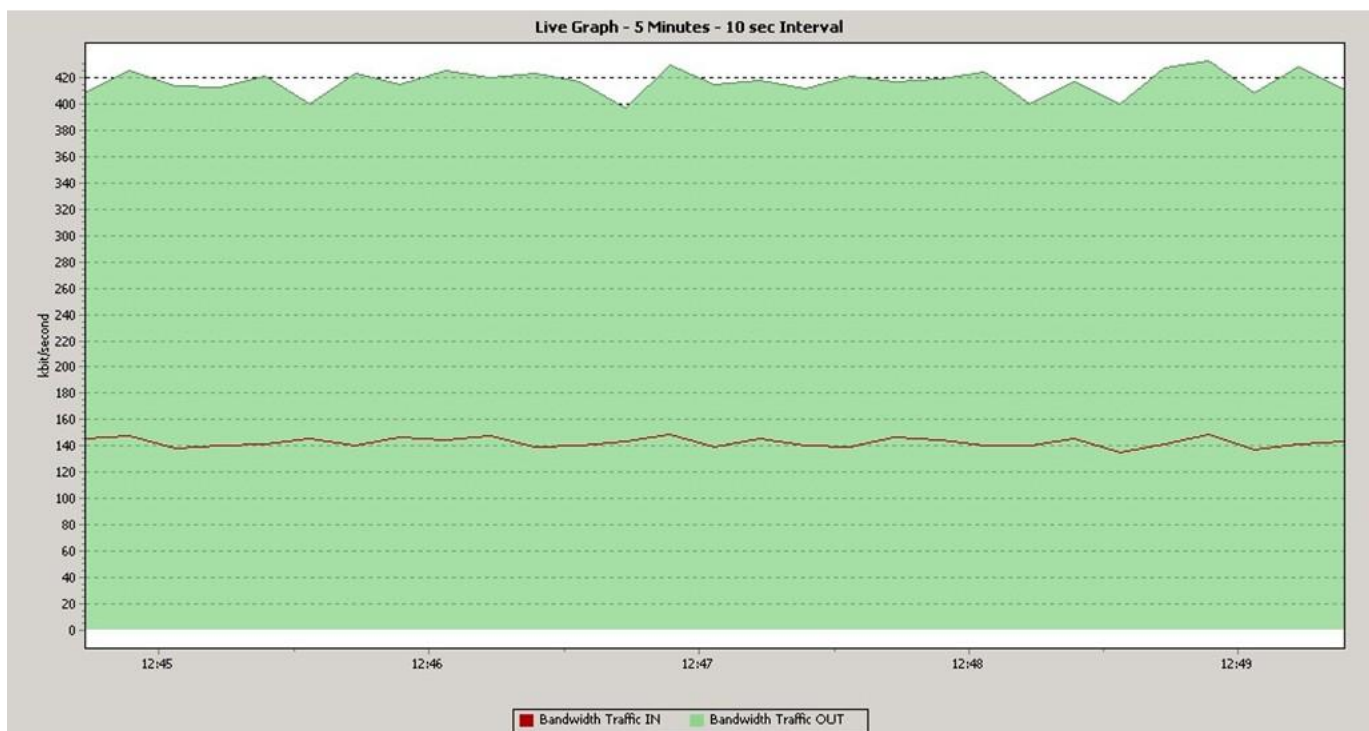
Responsável/cliente: Poliana Santiago Costa Mundinho

Consórcio
STM/Vodanet

VSAT-ID
SES-GUIA-0693

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[Msp] 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             : 11.583839 GHz
Symbol Rate          : 7.120049 Msp
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                   : 14.6 dB
Input Power           : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -21 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     : -20.3 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -314 us (272543 us)
Frequency correction : 10 Hz
```

IP DVB 10.148.0.73

Pinging 10.144.48.1 with 32 bytes of data:

```
Reply from 10.144.48.1: bytes=32 time=598ms TTL=62
Reply from 10.144.48.1: bytes=32 time=549ms TTL=62
Reply from 10.144.48.1: bytes=32 time=629ms TTL=62
Reply from 10.144.48.1: bytes=32 time=553ms TTL=62
Reply from 10.144.48.1: bytes=32 time=573ms TTL=62
Reply from 10.144.48.1: bytes=32 time=579ms TTL=62
Reply from 10.144.48.1: bytes=32 time=599ms TTL=62
Reply from 10.144.48.1: bytes=32 time=609ms TTL=62
Reply from 10.144.48.1: bytes=32 time=629ms TTL=62
Reply from 10.144.48.1: bytes=32 time=553ms TTL=62
```

```
Ping statistics for 10.144.48.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 549ms, Maximum = 629ms, Average = 587ms
```