



TERMO DE ACEITE TÉCNICO

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

Data: 07/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal da Silva

GRE/Prodemge: Rafael Alves Ferreira

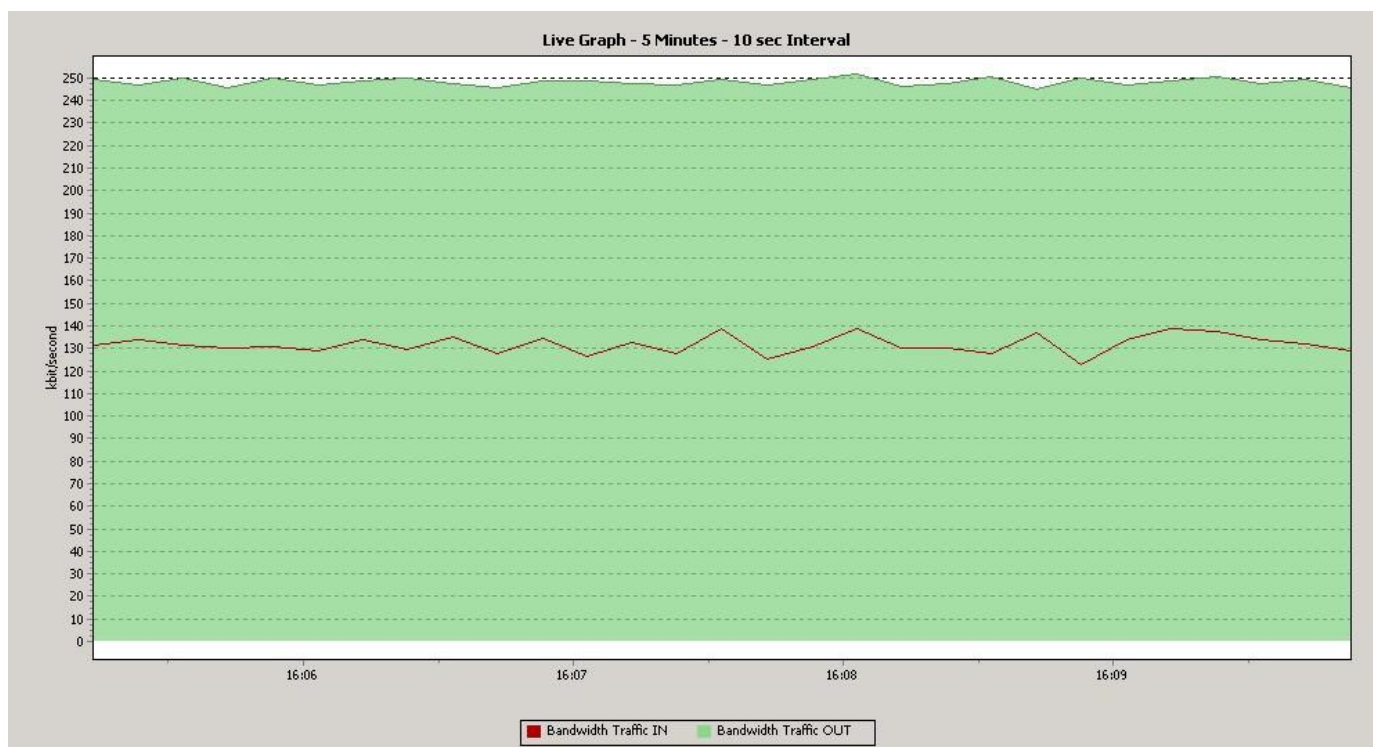
Responsável/cliente: Andréia Reis Pereira

Consórcio
STM/Vodanet

VSAT-ID
SES-SARA-0788

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            : 11.583758 GHz
Symbol Rate         : 7.119947 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          : -30 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 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     : -17.6 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 13.5 dB
Header Compression   : DSM-CC
Timing correction    : -386 us (272770 us)
Frequency correction : -20 Hz
```

IP DVB 10.148.0.93/32

Pinging 10.144.104.1 with 32 bytes of data:

```
Reply from 10.144.104.1: bytes=32 time=567ms TTL=62
Reply from 10.144.104.1: bytes=32 time=592ms TTL=62
Reply from 10.144.104.1: bytes=32 time=604ms TTL=62
Reply from 10.144.104.1: bytes=32 time=619ms TTL=62
Reply from 10.144.104.1: bytes=32 time=542ms TTL=62
Reply from 10.144.104.1: bytes=32 time=553ms TTL=62
Reply from 10.144.104.1: bytes=32 time=574ms TTL=62
Reply from 10.144.104.1: bytes=32 time=584ms TTL=62
Reply from 10.144.104.1: bytes=32 time=605ms TTL=62
Reply from 10.144.104.1: bytes=32 time=583ms TTL=62
```

```
Ping statistics for 10.144.104.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 619ms, Average = 582ms
```