



# TERMO DE ACEITE TÉCNICO

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

**Data:** 08/02/2012

**NOC/Operadora:** Jefferson de Souza Marques

**Operadora/Cliente:** Edinei Gomes de Sousa

**GRE/Prodemge:** Gabriel Cardoso Pereira

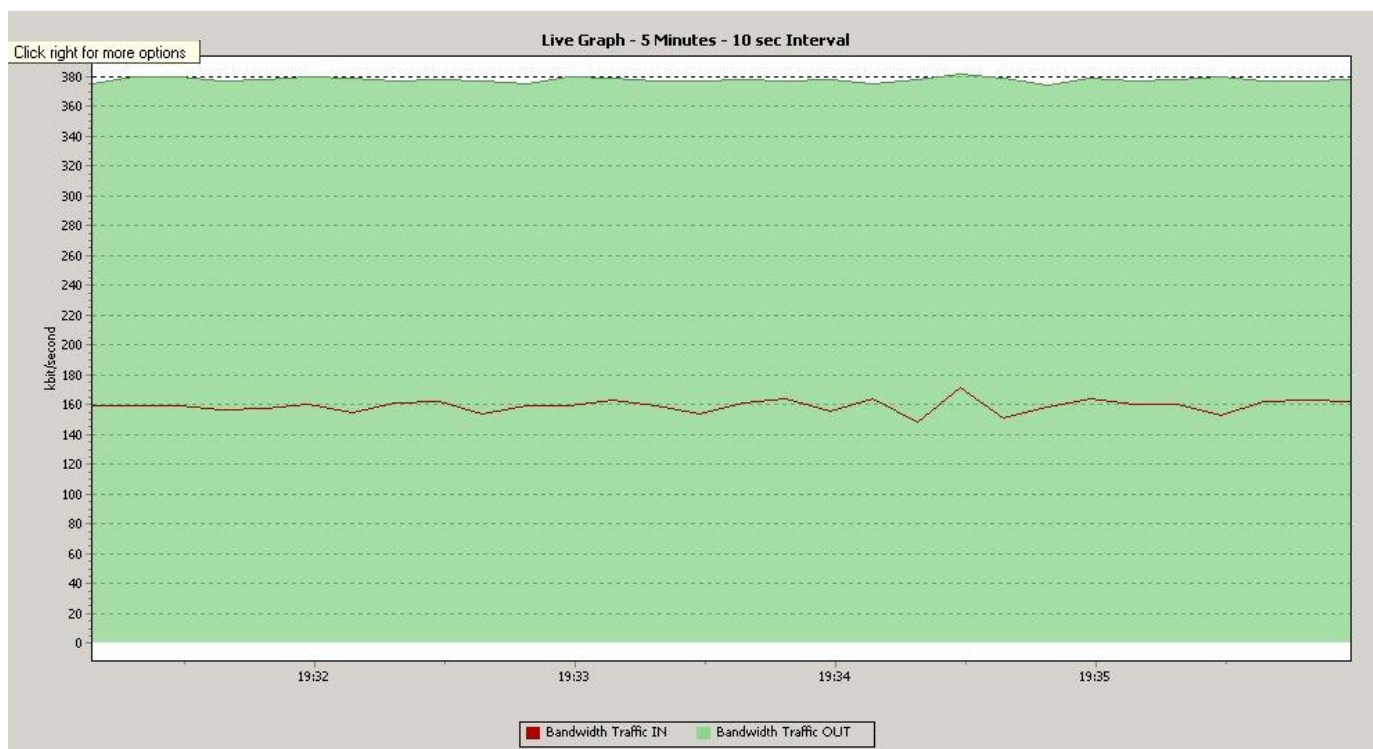
**Responsável/cliente:** Leda Elaine Santos

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-RIOS-0780

**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             : 11.583859 GHz
Symbol Rate           : 7.120010 Mbps
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                   : 14.2 dB
Input Power           : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -16 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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     : -12.7 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -241 us (270334 us)
Frequency correction : 10 Hz
```

IP DVB 10.148.0.83/32

Pinging 10.144.92.1 with 32 bytes of data:

```
Reply from 10.144.92.1: bytes=32 time=618ms TTL=62
Reply from 10.144.92.1: bytes=32 time=565ms TTL=62
Reply from 10.144.92.1: bytes=32 time=560ms TTL=62
Reply from 10.144.92.1: bytes=32 time=568ms TTL=62
Reply from 10.144.92.1: bytes=32 time=583ms TTL=62
Reply from 10.144.92.1: bytes=32 time=593ms TTL=62
Reply from 10.144.92.1: bytes=32 time=614ms TTL=62
Reply from 10.144.92.1: bytes=32 time=624ms TTL=62
Reply from 10.144.92.1: bytes=32 time=547ms TTL=62
Reply from 10.144.92.1: bytes=32 time=567ms TTL=62
```

```
Ping statistics for 10.144.92.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 547ms, Maximum = 624ms, Average = 583ms
```