



# TERMO DE ACEITE TÉCNICO

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

**Data:** 30/01/2012

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

**Operadora/Cliente:** Leonardo de Oliveira

**GRE/Prodemge:** Márlu da Silva Santos

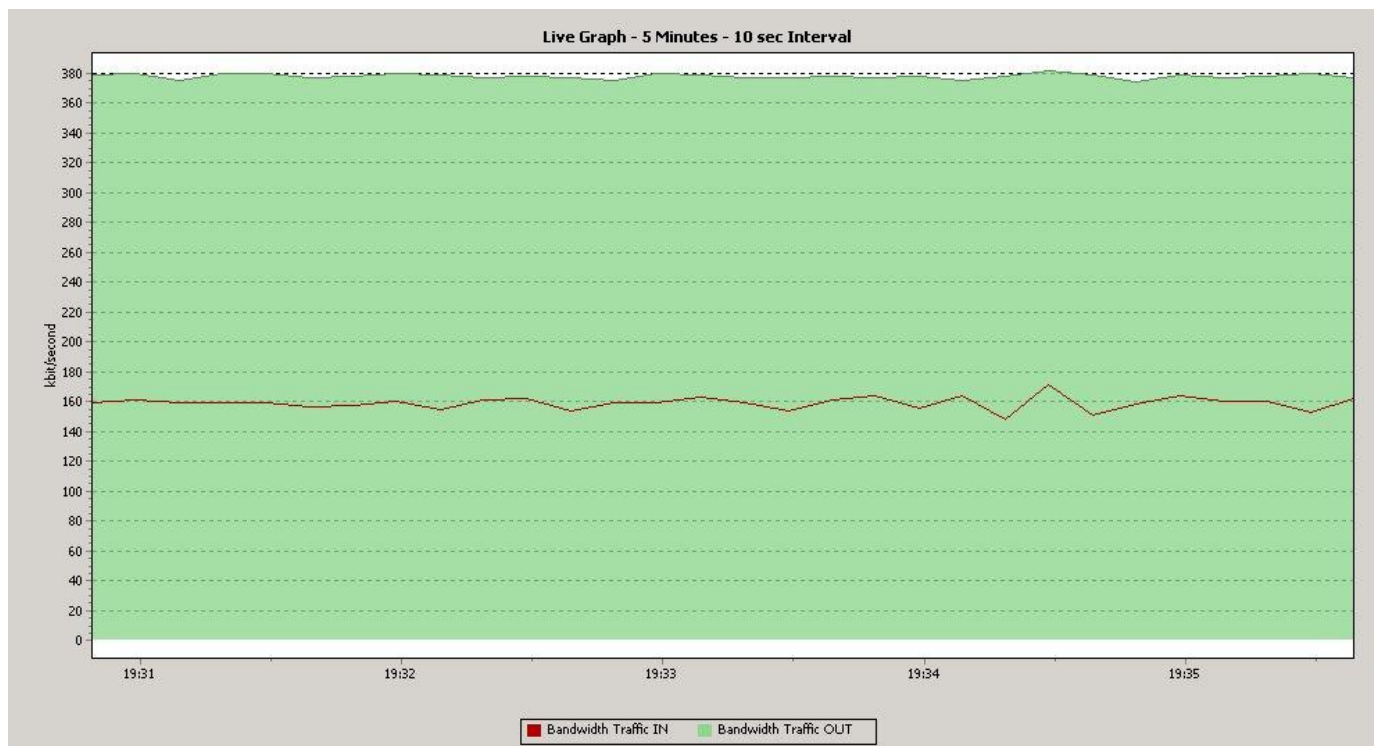
**Responsável/cliente:** Adriana Cristina de Almeida

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-BUIS-0668

**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[Mspbs]	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           : 11.583750 GHz
Symbol Rate         : 7.120004 Mspbs
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                 : 14.5 dB
Input Power         : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 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     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -245 us (271196 us)
Frequency correction : 20 Hz
```

```
IP DVB 10.148.0.81/32
```

```
Pinging 10.144.23.1 with 32 bytes of data:
```

```
Reply from 10.144.23.1: bytes=32 time=564ms TTL=62
Reply from 10.144.23.1: bytes=32 time=617ms TTL=62
Reply from 10.144.23.1: bytes=32 time=628ms TTL=62
Reply from 10.144.23.1: bytes=32 time=584ms TTL=62
Reply from 10.144.23.1: bytes=32 time=571ms TTL=62
Reply from 10.144.23.1: bytes=32 time=581ms TTL=62
Reply from 10.144.23.1: bytes=32 time=601ms TTL=62
Reply from 10.144.23.1: bytes=32 time=612ms TTL=62
Reply from 10.144.23.1: bytes=32 time=535ms TTL=62
Reply from 10.144.23.1: bytes=32 time=555ms TTL=62
```

```
Ping statistics for 10.144.23.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 535ms, Maximum = 628ms, Average = 584ms
```