



# TERMO DE ACEITE TÉCNICO

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

**Data:** 06/03/2012

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

**Operadora/Cliente:** Cid Santos

**GRE/Prodemge:** Bruno Hauck

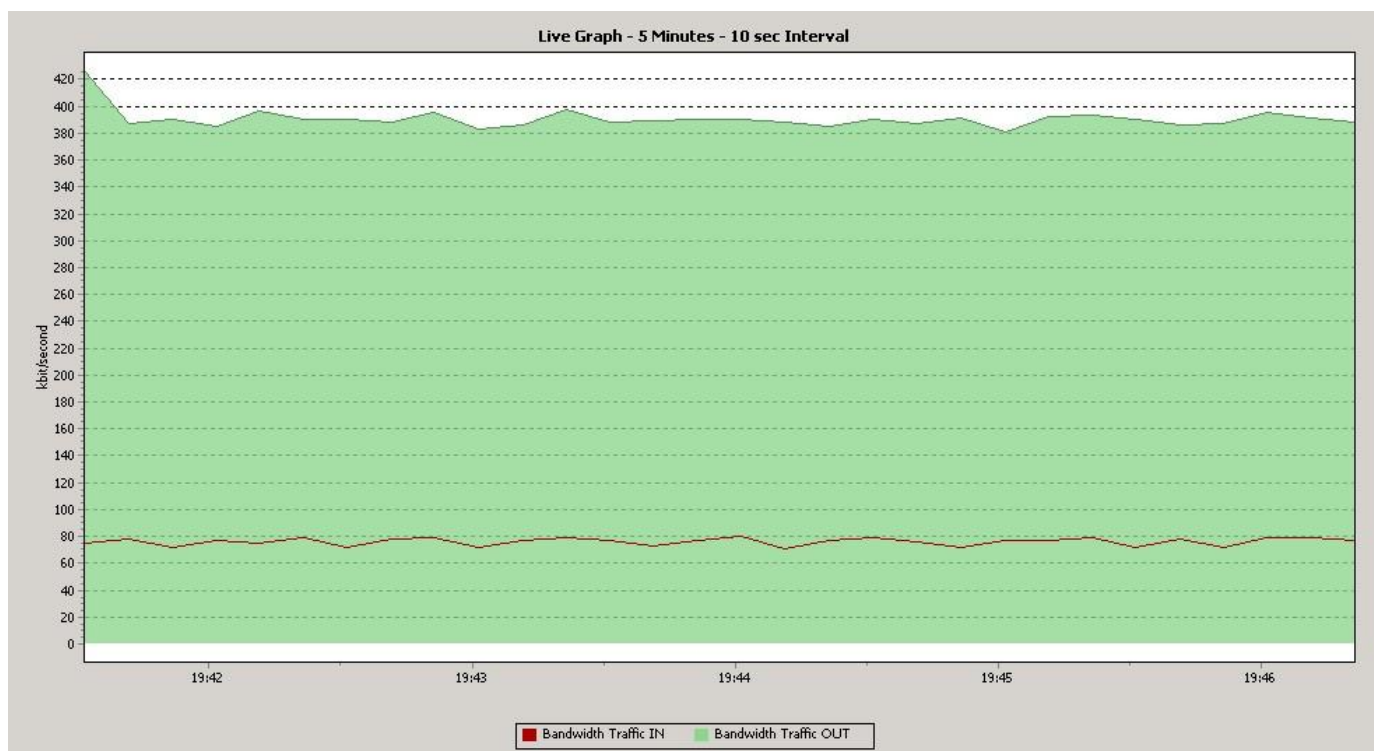
**Responsável/cliente:** Charles Agil do Santos

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-JABA-0848

**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/s]	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          : 11.583710 GHz
Symbol Rate       : 7.119947 Msp/s
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                : 14.8 dB
Input Power        : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -19 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     : -17.9 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -304 us (272281 us)
Frequency correction : 50 Hz
```

```
IP DVB 10.148.0.115/32
```

```
Pinging 10.144.167.1 with 32 bytes of data:
```

```
Reply from 10.144.167.1: bytes=32 time=551ms TTL=62
Reply from 10.144.167.1: bytes=32 time=562ms TTL=62
Reply from 10.144.167.1: bytes=32 time=582ms TTL=62
Reply from 10.144.167.1: bytes=32 time=560ms TTL=62
Reply from 10.144.167.1: bytes=32 time=613ms TTL=62
Reply from 10.144.167.1: bytes=32 time=536ms TTL=62
Reply from 10.144.167.1: bytes=32 time=579ms TTL=62
Reply from 10.144.167.1: bytes=32 time=566ms TTL=62
Reply from 10.144.167.1: bytes=32 time=577ms TTL=62
Reply from 10.144.167.1: bytes=32 time=597ms TTL=62
```

```
Ping statistics for 10.144.167.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 536ms, Maximum = 613ms, Average = 572ms
```