



# TERMO DE ACEITE TÉCNICO

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

**Data:** 30/03/2012

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

**Operadora/Cliente:** Marcos Aurélio de Moura

**GRE/Prodemge:** Bruno Hauck

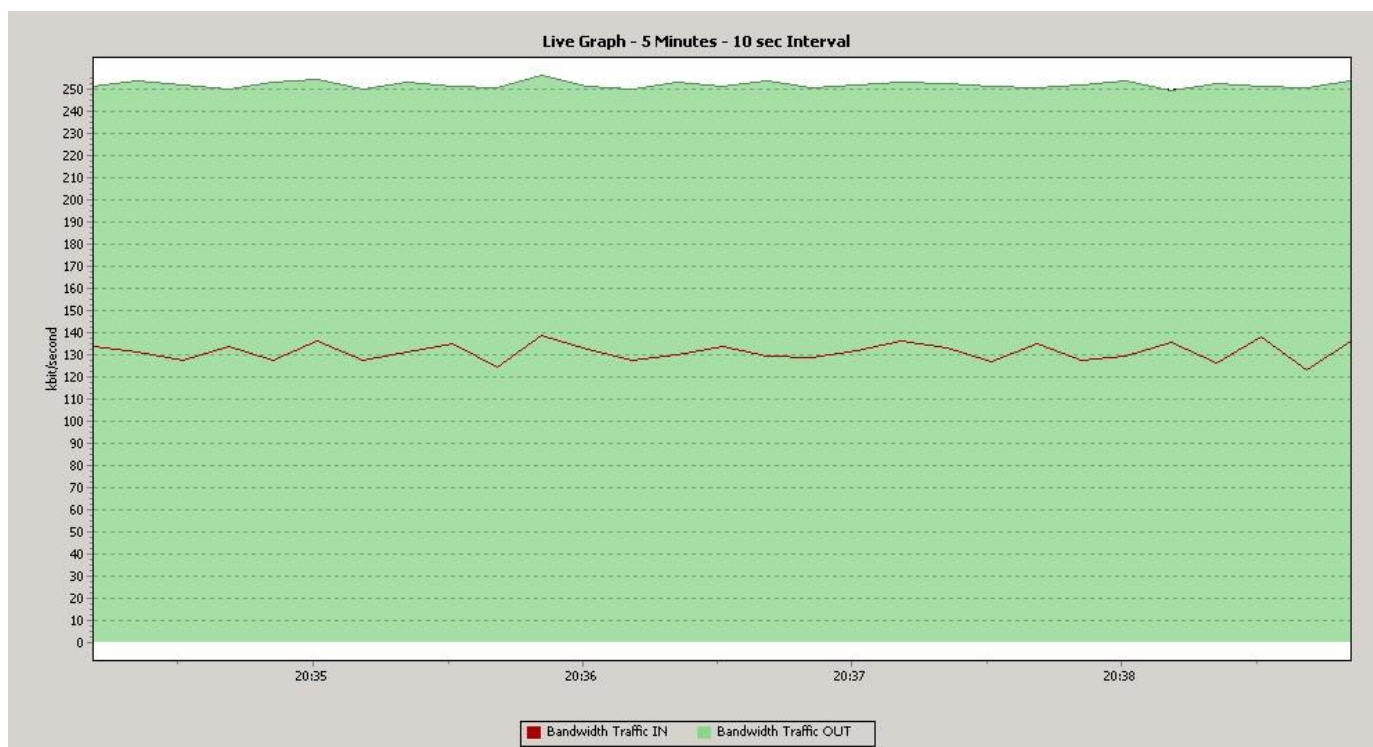
**Responsável/cliente:** Marcos de Barros Chaves

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-AICA-0935

**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
1	1	0.000000	0.000000	DVB-S2	2	No

Satellite (DVB) Receiver Status

```
-----
Rx State           : On
DVB State          : Forward link up
Network            : 65281, Prodemge@Vodanet
Frequency          : 11.583827 GHz
Symbol Rate       : 7.119953 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                : 14.9 dB
Input Power        : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -13.0 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Es/No                : 13.5 dB
Header Compression   : DSM-CC
Timing correction    : -268 us (272365 us)
Frequency correction : 170 Hz

IP DVB 10.148.0.160

Pinging 10.144.243.1 with 32 bytes of data:

Reply from 10.144.243.1: bytes=32 time=576ms TTL=62
Reply from 10.144.243.1: bytes=32 time=554ms TTL=62
Reply from 10.144.243.1: bytes=32 time=607ms TTL=62
Reply from 10.144.243.1: bytes=32 time=617ms TTL=62
Reply from 10.144.243.1: bytes=32 time=573ms TTL=62
Reply from 10.144.243.1: bytes=32 time=560ms TTL=62
Reply from 10.144.243.1: bytes=32 time=570ms TTL=62
Reply from 10.144.243.1: bytes=32 time=591ms TTL=62
Reply from 10.144.243.1: bytes=32 time=602ms TTL=62
Reply from 10.144.243.1: bytes=32 time=622ms TTL=62

Ping statistics for 10.144.243.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 554ms, Maximum = 622ms, Average = 587ms
```