



# TERMO DE ACEITE TÉCNICO

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

**Data:** 08/03/2012

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

**Operadora/Cliente:** Leonardo Batista de Araújo Silva

**GRE/Prodemge:** Bruno Hauck

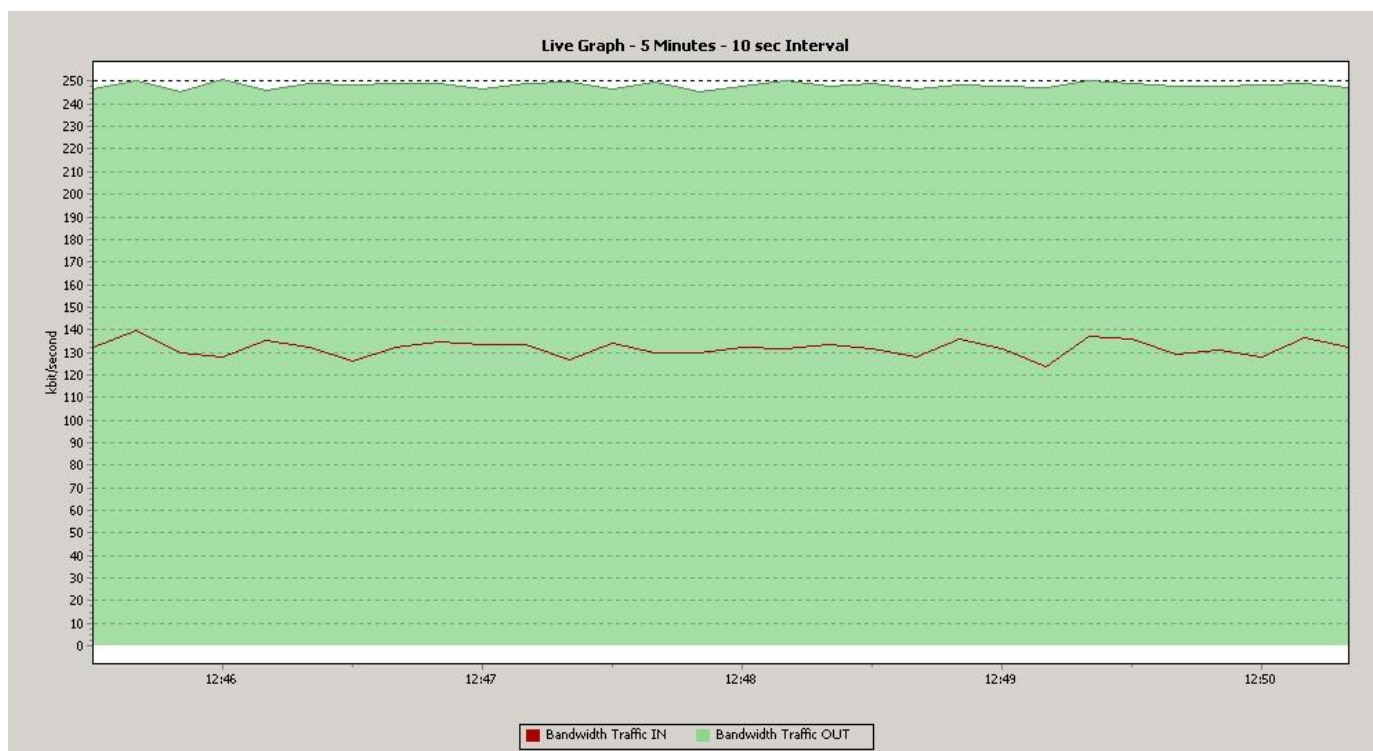
**Responsável/cliente:** Alex Guimarães Nunes

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-PAIO-0653

**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
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          : 11.583796 GHz
Symbol Rate       : 7.120010 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                : 15.5 dB
Input Power        : -44 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -10 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     : -8.9 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -376 us (272646 us)
Frequency correction : -120 Hz

IP DVB 10.148.0.32/32

Pinging 10.144.10.1 with 32 bytes of data:

Reply from 10.144.10.1: bytes=32 time=608ms TTL=62
Reply from 10.144.10.1: bytes=32 time=531ms TTL=62
Reply from 10.144.10.1: bytes=32 time=536ms TTL=62
Reply from 10.144.10.1: bytes=32 time=557ms TTL=62
Reply from 10.144.10.1: bytes=32 time=601ms TTL=62
Reply from 10.144.10.1: bytes=32 time=589ms TTL=62
Reply from 10.144.10.1: bytes=32 time=600ms TTL=62
Reply from 10.144.10.1: bytes=32 time=621ms TTL=62
Reply from 10.144.10.1: bytes=32 time=544ms TTL=62
Reply from 10.144.10.1: bytes=32 time=555ms TTL=62

Ping statistics for 10.144.10.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 621ms, Average = 574ms
```