



# TERMO DE ACEITE TÉCNICO

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

**Data:** 13/04/2012

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

**Operadora/Cliente:** Alexandre Pascoal

**GRE/Prodemge:** Rafael Alves Ferreira

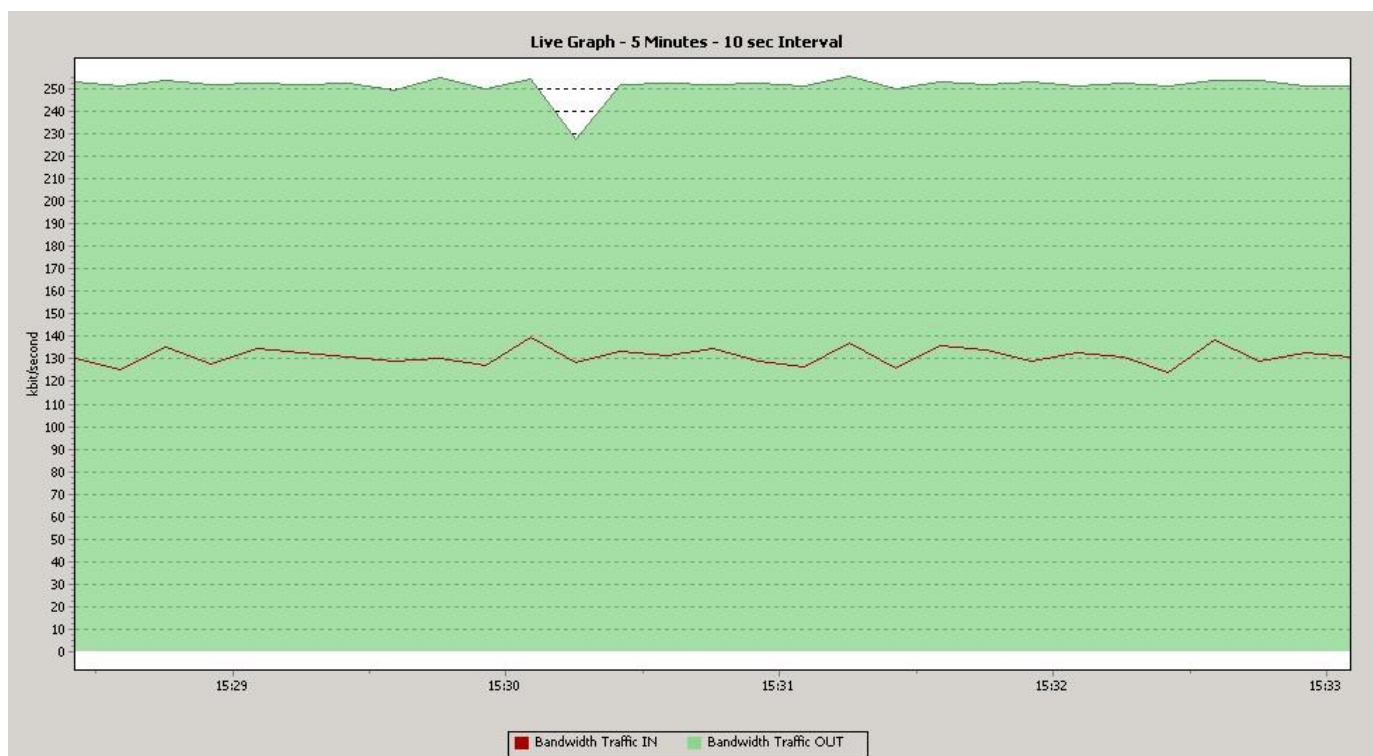
**Responsável/cliente:** Adriana Soares

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SAIA-3252

**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            : 11.583975 GHz
Symbol Rate         : 7.119997 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                  : 14.4 dB
Input Power         : -28 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -18 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     : -17.2 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -478 us (271496 us)
Frequency correction : -60 Hz

IP DVB 10.148.0.171/32

Pinging 10.145.31.1 with 32 bytes of data:

Reply from 10.145.31.1: bytes=32 time=570ms TTL=62
Reply from 10.145.31.1: bytes=32 time=590ms TTL=62
Reply from 10.145.31.1: bytes=32 time=601ms TTL=62
Reply from 10.145.31.1: bytes=32 time=623ms TTL=62
Reply from 10.145.31.1: bytes=32 time=544ms TTL=62
Reply from 10.145.31.1: bytes=32 time=555ms TTL=62
Reply from 10.145.31.1: bytes=32 time=576ms TTL=62
Reply from 10.145.31.1: bytes=32 time=554ms TTL=62
Reply from 10.145.31.1: bytes=32 time=607ms TTL=62
Reply from 10.145.31.1: bytes=32 time=531ms TTL=62

Ping statistics for 10.145.31.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 531ms, Maximum = 623ms, Average = 575ms
```