



# TERMO DE ACEITE TÉCNICO

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

**Data:** 22/05/2012

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

**Operadora/Cliente:** Leonardo Batista

**GRE/Prodemge:** Márlu Santos

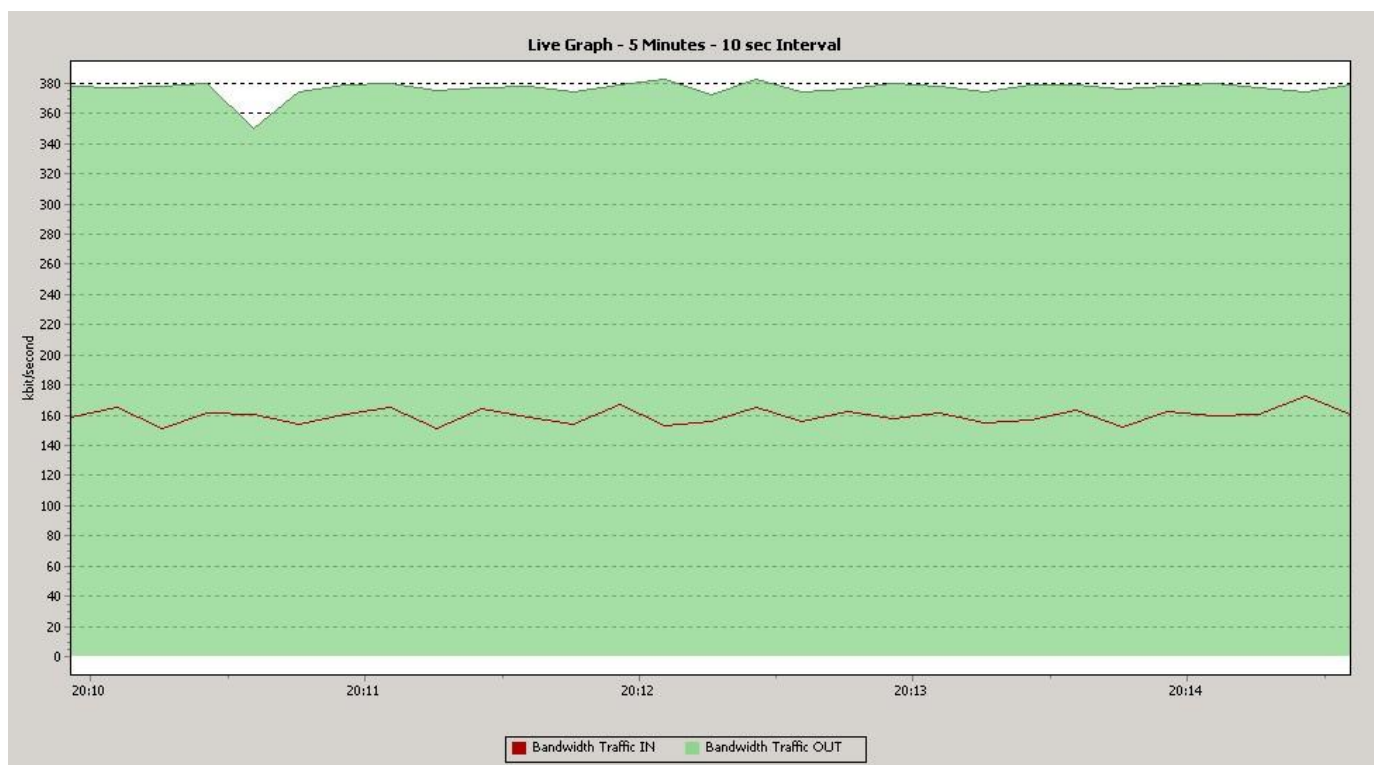
**Responsável/cliente:** Marli Aparecida de Resende Campos

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-LADA-3508

**Porta kbps**  
384/153

**Plataforma**  
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency          : On
RX watchdog          : 15 minute
```

Idx	Pri	SymbRate[Mbps]	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              : 11.584147 GHz
Symbol Rate           : 7.119913 Msps
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max          : 23  16APSK-9/10
Pilot                  : On
Frame length           : Short frame
DVB S2 Mode            : ACM
Roll off               : 0.25
SNR                    : 15.7 dB
Input Power            : -32 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -24 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     : -20.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Eb/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction     : -239 us (271871 us)
Frequency correction : -10 Hz

IP DVB 10.148.1.1/32

Pinging 10.145.135.1 with 32 bytes of data:

Reply from 10.145.135.1: bytes=32 time=614ms TTL=62
Reply from 10.145.135.1: bytes=32 time=635ms TTL=62
Reply from 10.145.135.1: bytes=32 time=559ms TTL=62
Reply from 10.145.135.1: bytes=32 time=571ms TTL=62
Reply from 10.145.135.1: bytes=32 time=589ms TTL=62
Reply from 10.145.135.1: bytes=32 time=600ms TTL=62
Reply from 10.145.135.1: bytes=32 time=556ms TTL=62
Reply from 10.145.135.1: bytes=32 time=631ms TTL=62
Reply from 10.145.135.1: bytes=32 time=555ms TTL=62
Reply from 10.145.135.1: bytes=32 time=576ms TTL=62

Ping statistics for 10.145.135.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 555ms, Maximum = 635ms, Average = 588ms
```