



# TERMO DE ACEITE TÉCNICO

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

**Data:** 09/05/2012

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

**Operadora/Cliente:** Marcos Antonio de Oliveira

**GRE/Prodemge:** Rafael Alves Ferreira

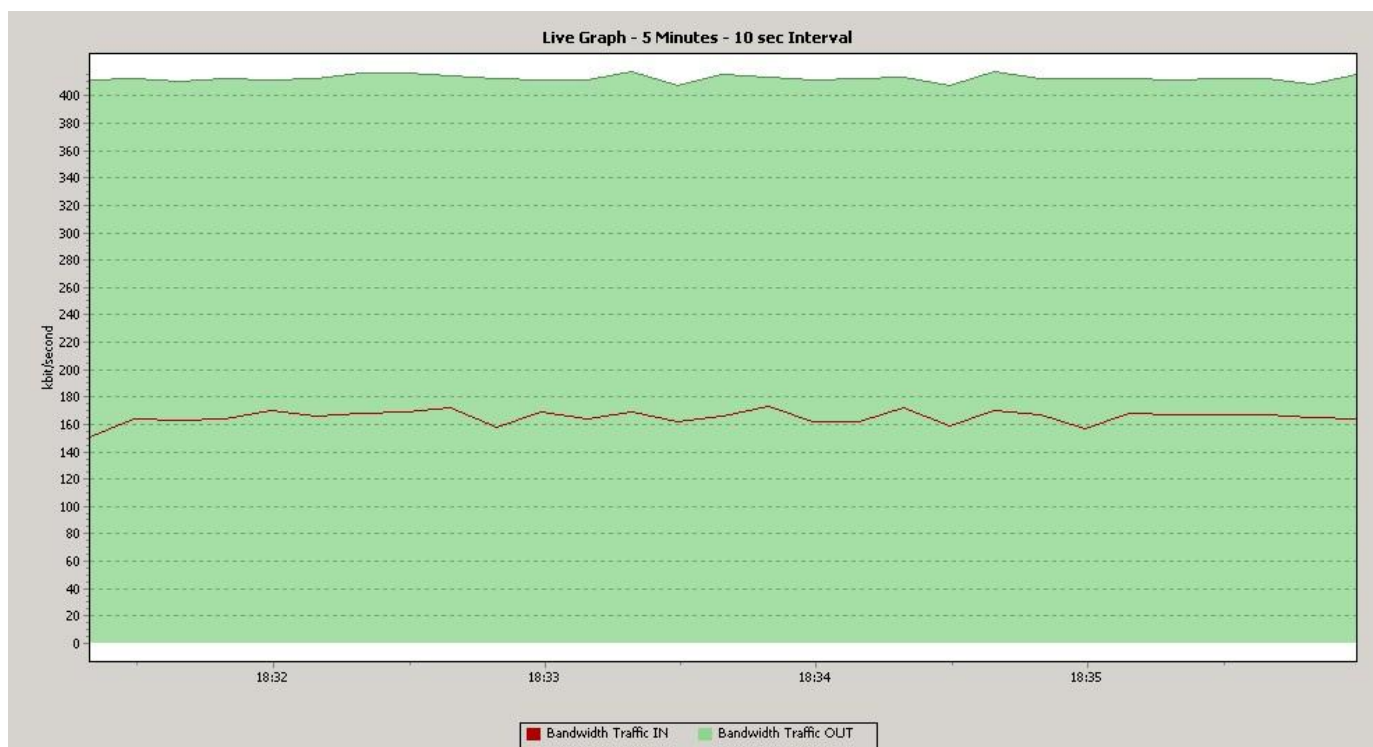
**Responsável/cliente:** Cleuzeir Gomes Sales Lopes

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ATIA-3352

**Porta kbps**  
384/153

**Plataforma**  
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15    8PSK-5/6 (SNR threshold: 10.6 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             : 11.583905 GHz
Symbol Rate           : 7.119982 Mbps
S2 ModCod
- receiving           : 4    QPSK-1/2
- current max          : 15    8PSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 14.9 dB
Input Power           : -37 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -23 dBm
IDU max output power : 0.0 dBm
EIRP                 : 48.0 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     : -15.0 dBm
ODU Output Power     : 34.3 dBm
EIRP                 : 47.6 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -384 us (270069 us)
Frequency correction : 0 Hz

IP DVB 10.148.0.197/32

Pinging 10.145.70.1 with 32 bytes of data:

Reply from 10.145.70.1: bytes=32 time=602ms TTL=62
Reply from 10.145.70.1: bytes=32 time=581ms TTL=62
Reply from 10.145.70.1: bytes=32 time=633ms TTL=62
Reply from 10.145.70.1: bytes=32 time=556ms TTL=62
Reply from 10.145.70.1: bytes=32 time=535ms TTL=62
Reply from 10.145.70.1: bytes=32 time=587ms TTL=62
Reply from 10.145.70.1: bytes=32 time=598ms TTL=62
Reply from 10.145.70.1: bytes=32 time=618ms TTL=62
Reply from 10.145.70.1: bytes=32 time=596ms TTL=62
Reply from 10.145.70.1: bytes=32 time=552ms TTL=62

Ping statistics for 10.145.70.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 535ms, Maximum = 633ms, Average = 585ms
```