



# TERMO DE ACEITE TÉCNICO

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

**Data:** 23/04/2012

**NOC/Operadora:** Renan Borges Sousa

**Operadora/Cliente:** Alexandre Pascoal da Silva

**GRE/Prodemge:** Rafael Alves Ferreira

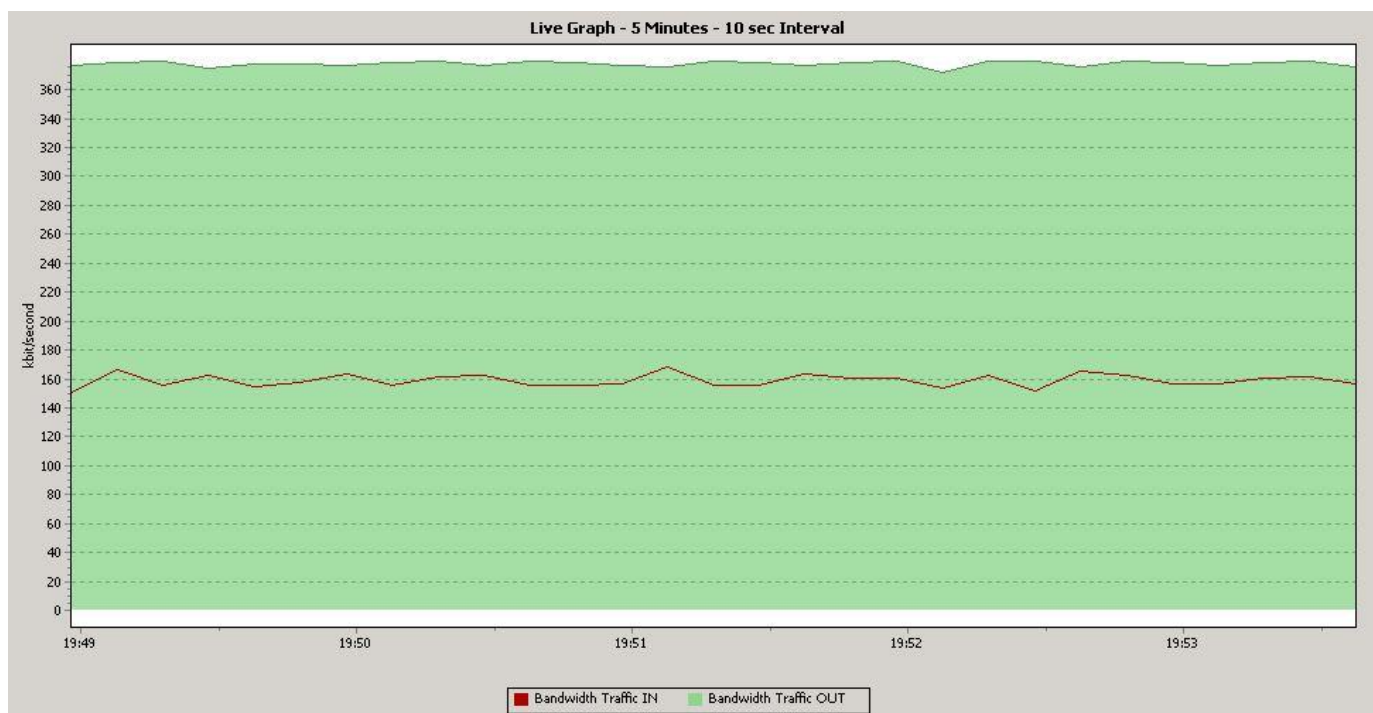
**Responsável/cliente:** Denise Amaral de Oliveira

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SAIA-3255

**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[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 : 11.583759 GHz  
Symbol Rate : 7.119989 Msp/s  
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 : 14.8 dB  
Input Power : -39 dBm

#

## Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU output power     : -22 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     : -12.6 dBm  
ODU Output Power     : 33.2 dBm  
EIRP                 : 46.5 dBW  
Eb/No                : 15.0 dB  
Header Compression   : DSM-CC  
Timing correction    : -307 us (271535 us)  
Frequency correction: -10 Hz  
#
```

IP DVB 10.148.0.175/32

Pinging 10.145.34.1 with 32 bytes of data:

```
Reply from 10.145.34.1: bytes=32 time=619ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=542ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=563ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=574ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=594ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=573ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=626ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=550ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=595ms TTL=62  
Reply from 10.145.34.1: bytes=32 time=583ms TTL=62
```

```
Ping statistics for 10.145.34.1:  
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 542ms, Maximum = 626ms, Average = 581ms
```