



# TERMO DE ACEITE TÉCNICO

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

**Data:** 02/03/2012

**NOC/Operadora:** Renan Borges de Sousa

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

**GRE/Prodemge:** Rafael Alves Ferreira

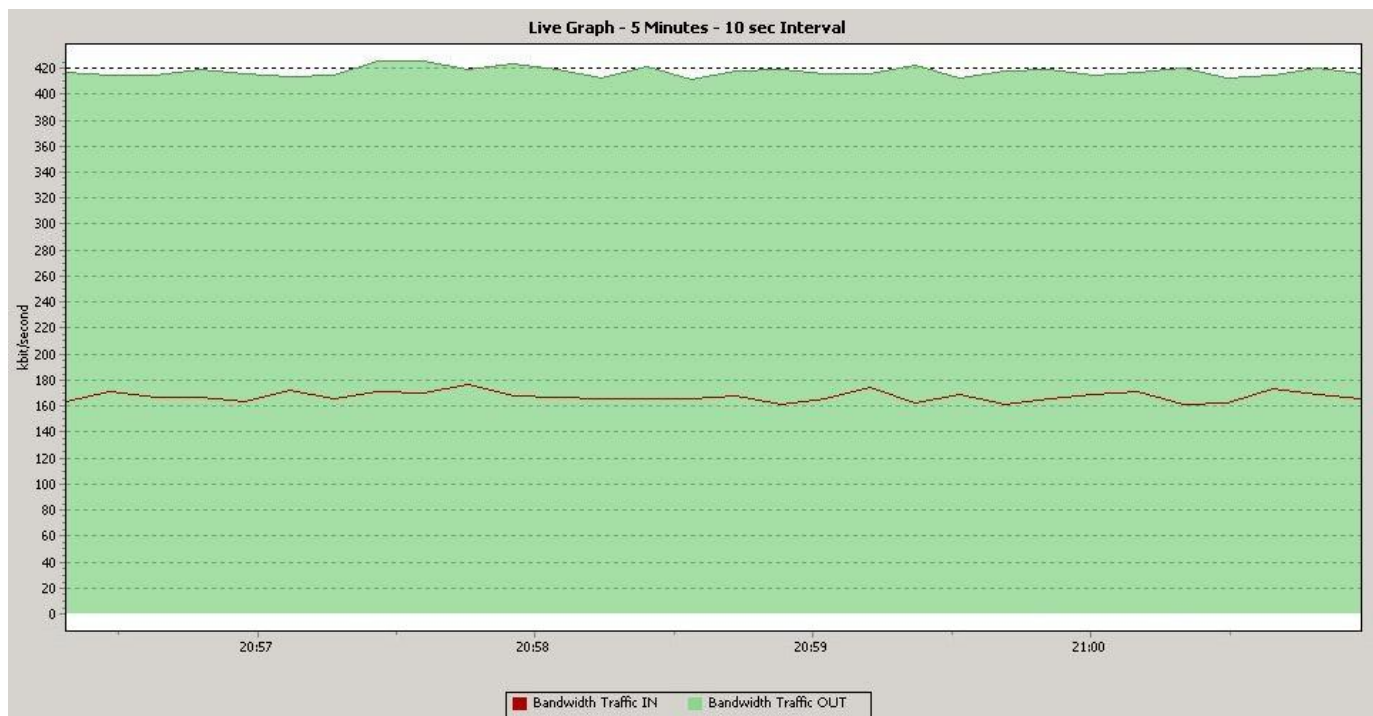
**Responsável/cliente:** Job Feliciano Neto

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-BIAS-0849

**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            : 11.583980 GHz
Symbol Rate          : 7.119977 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                   : 13.9 dB
Input Power          : -36 dBm
```

#

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -21 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 : -18.0 dBm  
ODU Output Power : 32.9 dBm  
EIRP : 46.2 dBW  
Es/No : 14.5 dB  
Header Compression : DSM-CC  
Timing correction : -292 us (271962 us)  
Frequency correction: 40 Hz

IP DVB 10.148.0.105

Pinging 10.144.168.1 with 32 bytes of data:

Reply from 10.144.168.1: bytes=32 time=563ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=575ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=599ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=598ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=601ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=625ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=545ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=552ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=573ms TTL=62  
Reply from 10.144.168.1: bytes=32 time=551ms TTL=62

Ping statistics for 10.144.168.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 545ms, Maximum = 625ms, Average = 578ms