



# TERMO DE ACEITE TÉCNICO

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

**Data:** 02/05/2012

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

**Operadora/Cliente:** Marcos Aurélio

**GRE/Prodemge:** Rafael Alves Ferreira

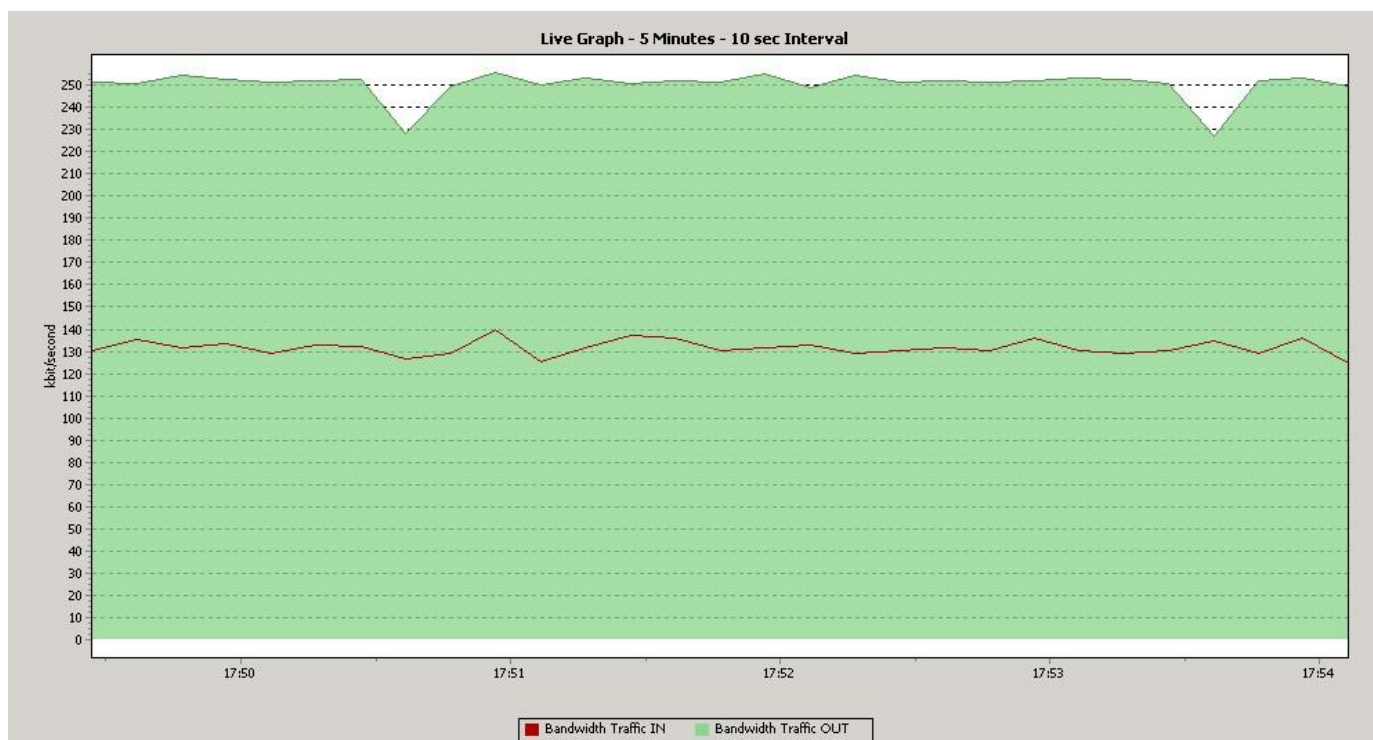
**Responsável/cliente:** Jonas Rodrigues

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-HERA-3326

**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[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             : 11.583802 GHz
Symbol Rate           : 7.120010 Msps
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                   : 15.5 dB
Input Power           : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -17.5 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.7 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction     : -367 us (272778 us)
Frequency correction  : 0 Hz
#

IP DVB 10.148.0.192/32

Pinging 10.145.49.1 with 32 bytes of data:

Reply from 10.145.49.1: bytes=32 time=624ms TTL=62
Reply from 10.145.49.1: bytes=32 time=547ms TTL=62
Reply from 10.145.49.1: bytes=32 time=559ms TTL=62
Reply from 10.145.49.1: bytes=32 time=579ms TTL=62
Reply from 10.145.49.1: bytes=32 time=556ms TTL=62
Reply from 10.145.49.1: bytes=32 time=609ms TTL=62
Reply from 10.145.49.1: bytes=32 time=621ms TTL=62
Reply from 10.145.49.1: bytes=32 time=572ms TTL=62
Reply from 10.145.49.1: bytes=32 time=563ms TTL=62
Reply from 10.145.49.1: bytes=32 time=575ms TTL=62

Ping statistics for 10.145.49.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 547ms, Maximum = 624ms, Average = 580m
```