



# TERMO DE ACEITE TÉCNICO

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

**Data:** 27/04/2012

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

**Operadora/Cliente:** Alexandre Pascoal

**GRE/Prodemge:** Rafael Alves Ferreira

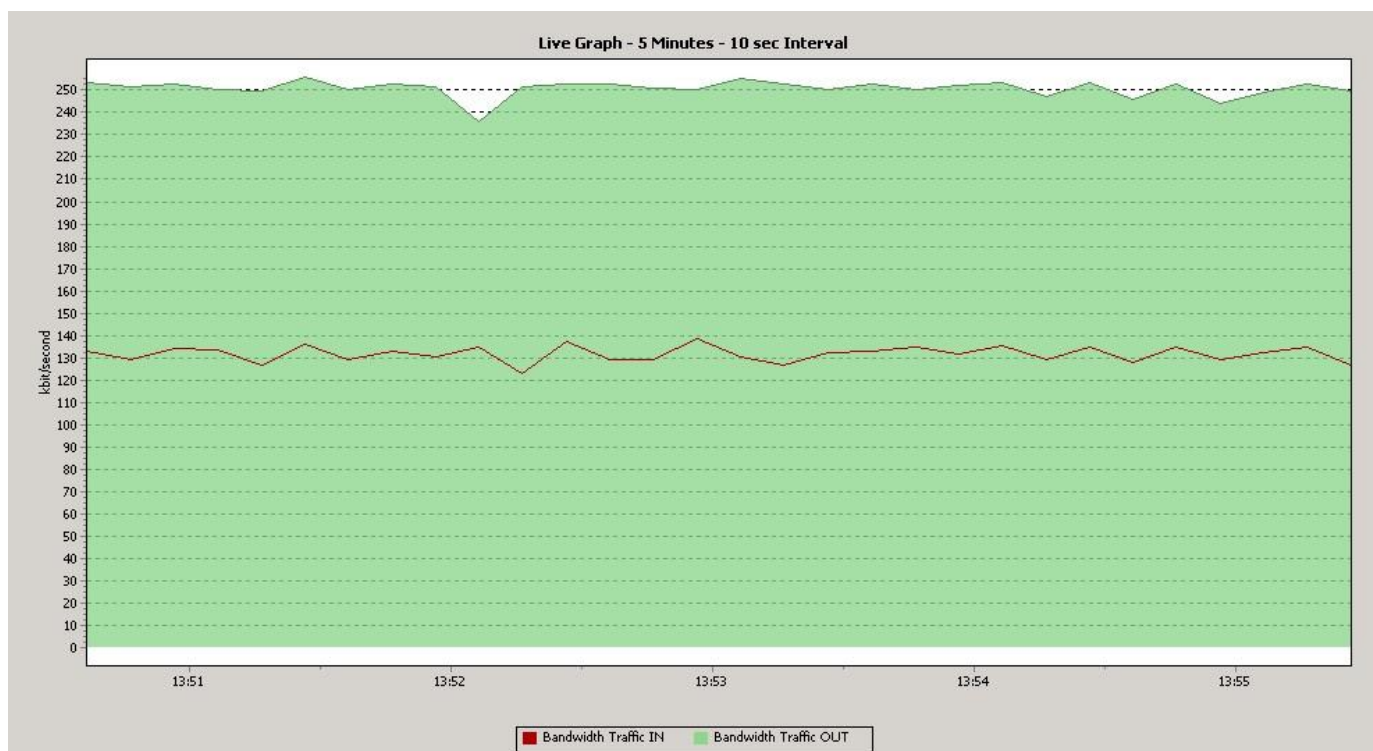
**Responsável/cliente:** Tatiane Xavier Ferreira

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ESIA-3270

**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          : 11.583752 GHz
Symbol Rate       : 7.119989 Mbps
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                : 15.8 dB
Input Power        : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -18 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -12.9 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -431 us (272256 us)
Frequency correction : -190 Hz

IP DVB 10.148.0.196/32

Pinging 10.145.40.1 with 32 bytes of data:

Reply from 10.145.40.1: bytes=32 time=608ms TTL=62
Reply from 10.145.40.1: bytes=32 time=619ms TTL=62
Reply from 10.145.40.1: bytes=32 time=566ms TTL=62
Reply from 10.145.40.1: bytes=32 time=562ms TTL=62
Reply from 10.145.40.1: bytes=32 time=573ms TTL=62
Reply from 10.145.40.1: bytes=32 time=597ms TTL=62
Reply from 10.145.40.1: bytes=32 time=605ms TTL=62
Reply from 10.145.40.1: bytes=32 time=628ms TTL=62
Reply from 10.145.40.1: bytes=32 time=551ms TTL=62
Reply from 10.145.40.1: bytes=32 time=583ms TTL=62

Ping statistics for 10.145.40.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 551ms, Maximum = 628ms, Average = 589ms
```