



# TERMO DE ACEITE TÉCNICO

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

**Data:** 18/01/2012

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

**Operadora/Cliente:** Leandro Souza Cardoso

**GRE/Prodemge:** Bruno Hauck

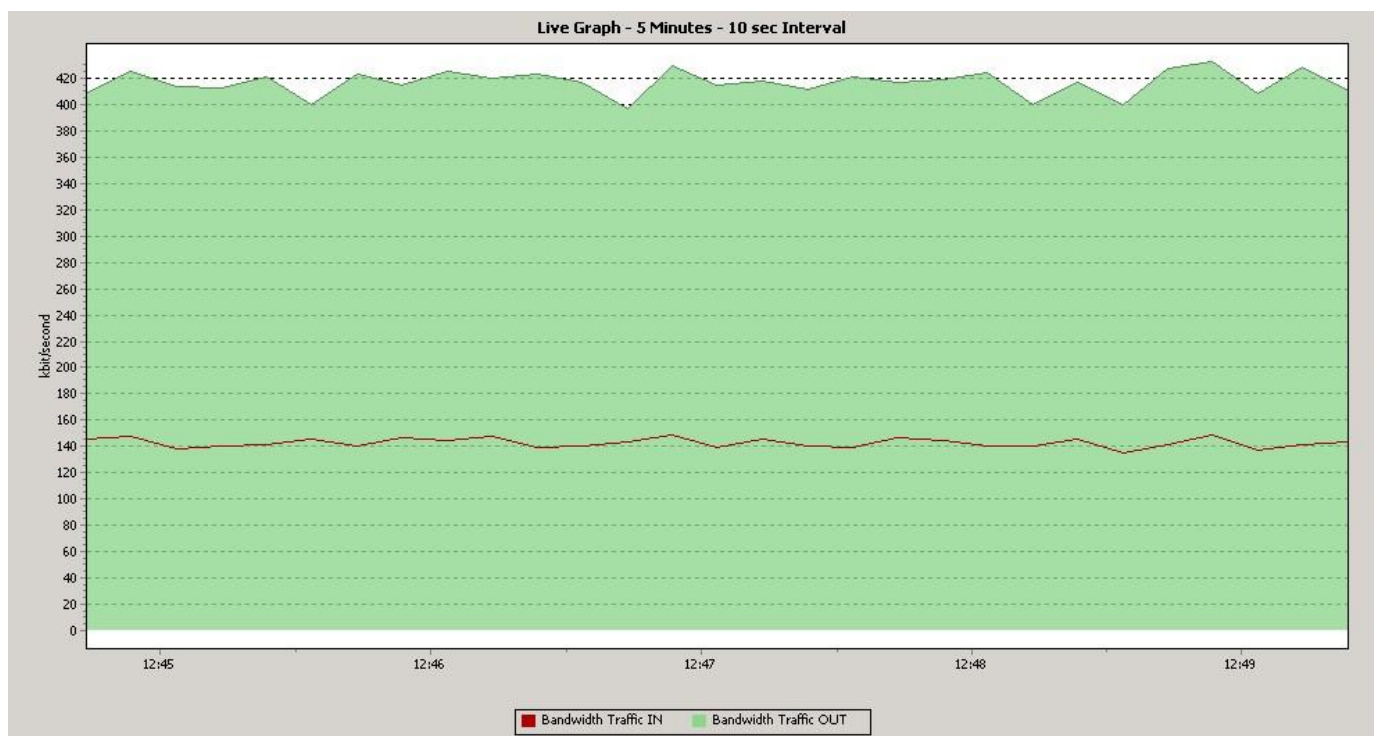
**Responsável/cliente:** Cristiane Martins

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ARGO-0661

**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 : 11.583956 GHz  
Symbol Rate : 7.119845 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short frame  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.5 dB  
Input Power : -36 dBm

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#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -15 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     : -20.9 dBm
ODU Output Power     : 27.4 dBm
EIRP                 : 40.7 dBW
Eb/No                : 10.5 dB
Header Compression   : DSM-CC
Timing correction    : -487 us (273201 us)
Frequency correction: -220 Hz
#

IP DVB: 10.148.0.49/32

Pinging 10.144.16.1 with 32 bytes of data:
Reply from 10.144.16.1: bytes=32 time=877ms TTL=61
Reply from 10.144.16.1: bytes=32 time=612ms TTL=61
Reply from 10.144.16.1: bytes=32 time=719ms TTL=61
Reply from 10.144.16.1: bytes=32 time=643ms TTL=61
Reply from 10.144.16.1: bytes=32 time=555ms TTL=61
Reply from 10.144.16.1: bytes=32 time=795ms TTL=61
Reply from 10.144.16.1: bytes=32 time=729ms TTL=61
Reply from 10.144.16.1: bytes=32 time=695ms TTL=61
Reply from 10.144.16.1: bytes=32 time=614ms TTL=61
Reply from 10.144.16.1: bytes=32 time=717ms TTL=61
Ping statistics for 10.144.16.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 555ms, Maximum = 877ms, Average = 695ms
```