



# TERMO DE ACEITE TÉCNICO

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

Data: 13/04/2012

NOC/Operadora: Bruno Resston Moreira

Operadora/Cliente: Marcos Paulo Sousa Ferreira

GRE/Prodemge: Bruno Hauck

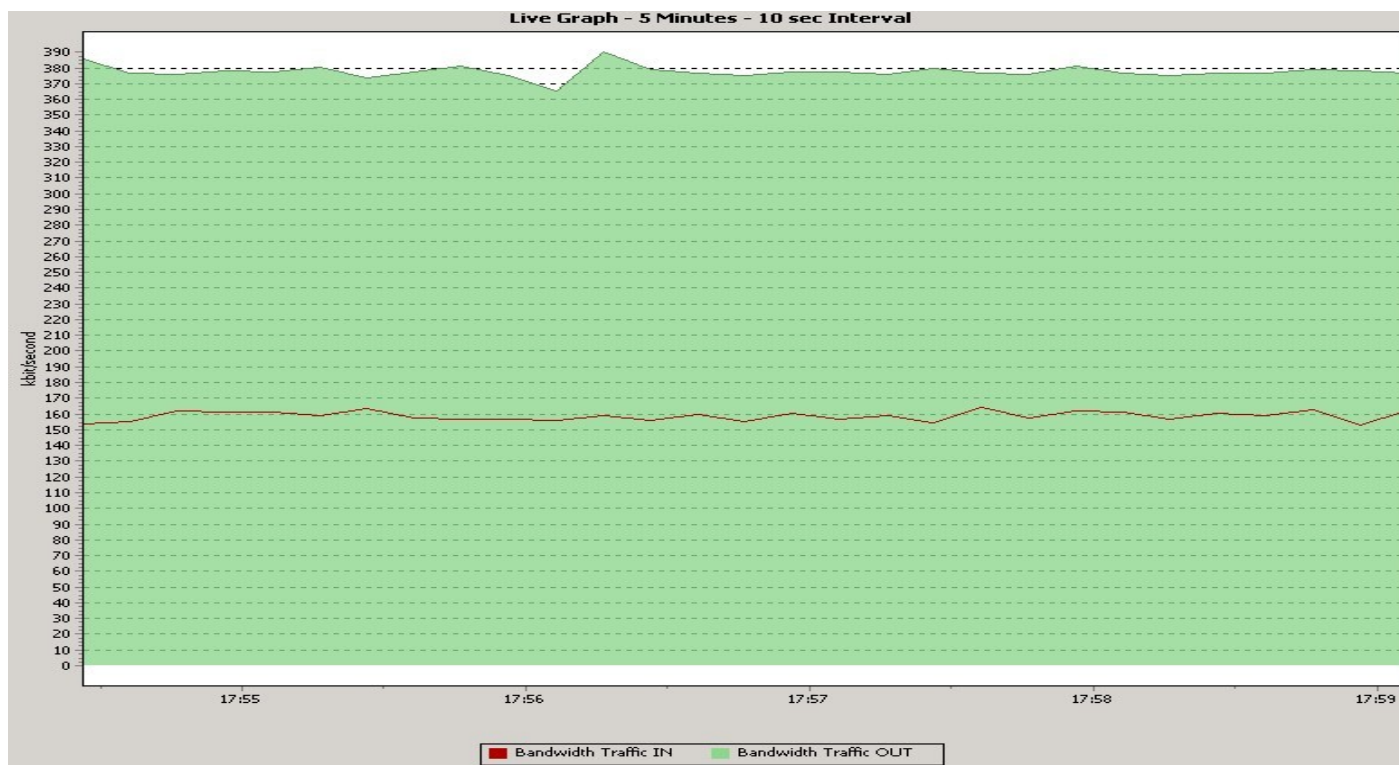
Responsável/cliente: Gabriela Camaros Fonseca

Consórcio  
STM/Vodanet

VSAT-ID  
SES-MATA-0844

Porta kbps  
384/153

Plataforma  
VSAT



## Satellite (DVB) RX Configuration

Auto start : Enabled  
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 9.6 d  
ACM Latency : On  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	Enabl
* 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 : 11.583965 GHz  
Symbol Rate : 7.120029 Msps  
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 : -32 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU output power : -18 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

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State : On (TDMA)  
IDU Output Power : -14.1 dBm  
ODU Output Power : 34.6 dBm  
EIRP : 47.9 dBW  
Eb/No : 14.5 dB  
Header Compression : DSM-CC  
Timing correction : -442 us (270329 us)  
Frequency correction: -20 Hz

IP DVB: 10.148.0.128/32

Pinging 10.144.163.1 with 32 bytes of data:

Reply from 10.144.163.1: bytes=32 time=545ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=538ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=645ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=568ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=579ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=599ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=610ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=630ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=554ms TTL=62  
Reply from 10.144.163.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.144.163.1:

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

Approximate round trip times in milli-seconds:

Minimum = 538ms, Maximum = 645ms, Average = 583ms

