



# TERMO DE ACEITE TÉCNICO

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

Data: 24/04/2012

NOC/Operadora: Bruno Resston Moreira

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Rafael Alves Ferreira

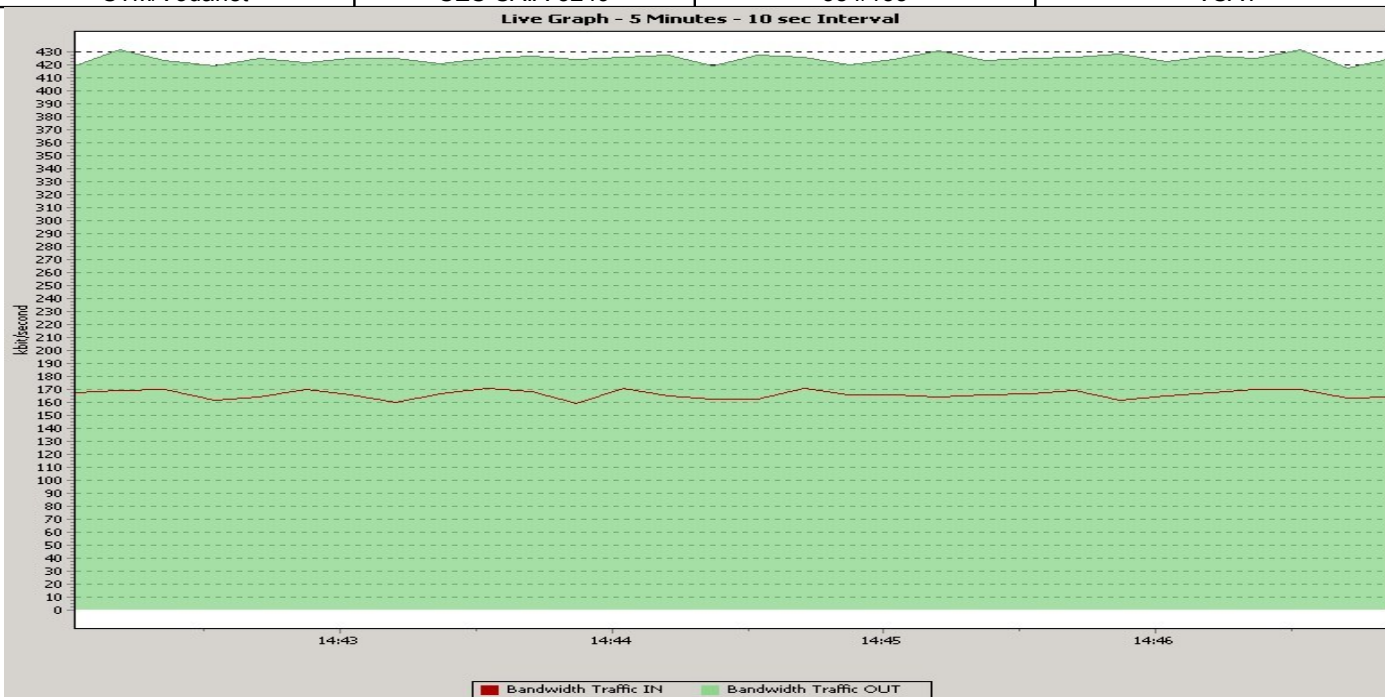
Responsável/cliente: Ana Cristina Barbosa

Consórcio  
STM/Vodanet

VSAT-ID  
SES-SAIA-3249

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
1	1	0.000000	0.000000	DVB-S2	2	Yes

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.583822 GHz  
Symbol Rate : 7.120057 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 : 15.2 dB  
Input Power : -29 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -17 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

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State : On (TDMA)  
IDU Output Power : -15.5 dBm  
ODU Output Power : 32.8 dBm  
EIRP : 46.1 dBW  
Es/No : 13.0 dB  
Header Compression : DSM-CC  
Timing correction : -445 us (271463 us)  
Frequency correction: -100 Hz

IP DVB: 10.148.0.185/32

Pinging 10.145.28.1 with 32 bytes of data:

Reply from 10.145.28.1: bytes=32 time=602ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=581ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=536ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=556ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=600ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=588ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=599ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=555ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=542ms TTL=62  
Reply from 10.145.28.1: bytes=32 time=554ms TTL=62

Ping statistics for 10.145.28.1:

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

Approximate round trip times in milli-seconds:

Minimum = 536ms, Maximum = 602ms, Average = 571ms