



TERMO DE ACEITE TÉCNICO

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

Data: 28/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marco Aurélio

GRE/Prodemge: Rafael Alves Ferreira

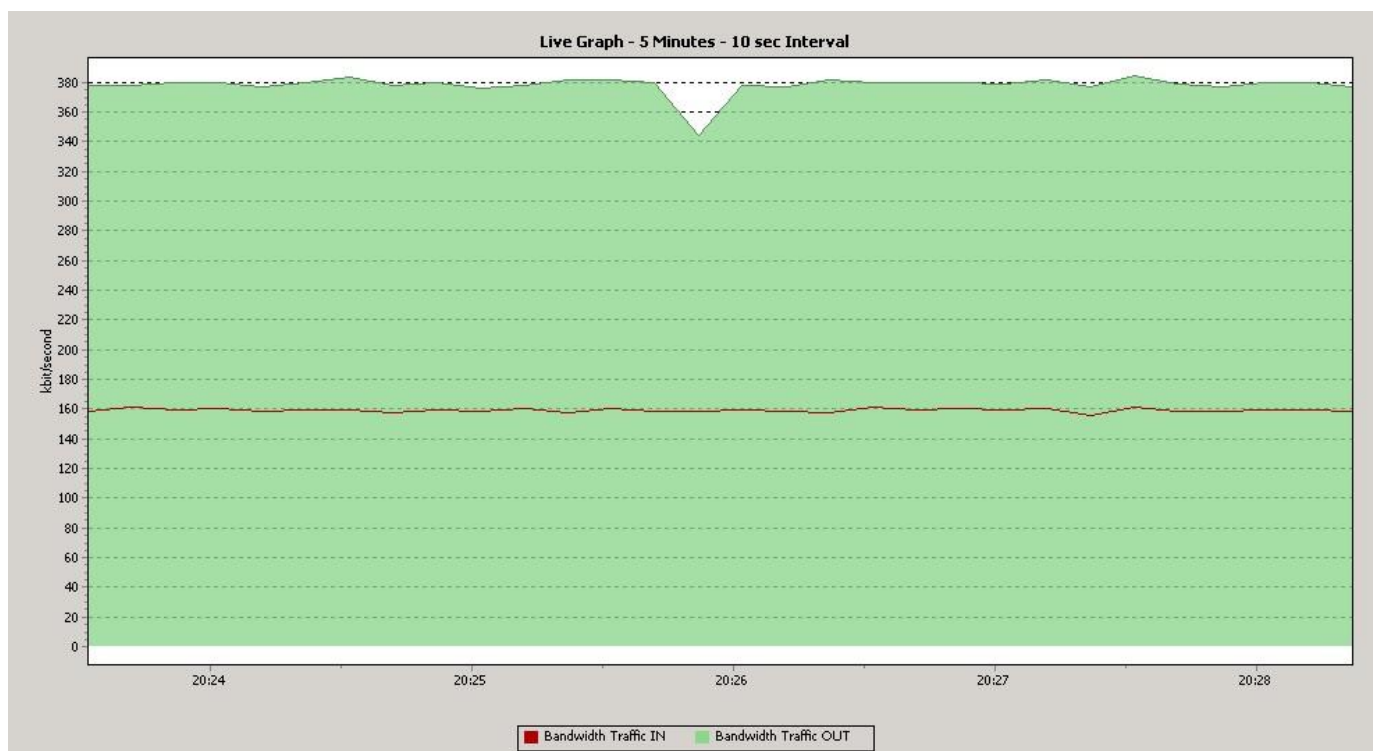
Responsável/cliente: Jaciane Gonçalves

Consórcio
STM/Vodanet

VSAT-ID
SES-GUAL-0866

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[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             : 11.583757 GHz
Symbol Rate           : 7.119880 Msp/s
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                   : 14.0 dB
Input Power           : -36 dBm
```

#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -19 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 : -17.7 dBm
ODU Output Power : 33.1 dBm
EIRP : 46.4 dBW
Es/No : 13.0 dB
Header Compression : DSM-CC
Timing correction : -304 us (271418 us)
Frequency correction: 60 Hz

IP DVB 10.148.0.119/32

Pinging 10.144.185.1 with 32 bytes of data:

Reply from 10.144.185.1: bytes=32 time=574ms TTL=62
Reply from 10.144.185.1: bytes=32 time=552ms TTL=62
Reply from 10.144.185.1: bytes=32 time=605ms TTL=62
Reply from 10.144.185.1: bytes=32 time=616ms TTL=62
Reply from 10.144.185.1: bytes=32 time=572ms TTL=62
Reply from 10.144.185.1: bytes=32 time=559ms TTL=62
Reply from 10.144.185.1: bytes=32 time=569ms TTL=62
Reply from 10.144.185.1: bytes=32 time=590ms TTL=62
Reply from 10.144.185.1: bytes=32 time=601ms TTL=62
Reply from 10.144.185.1: bytes=32 time=621ms TTL=62

Ping statistics for 10.144.185.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 552ms, Maximum = 621ms, Average = 585ms