



TERMO DE ACEITE TÉCNICO

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

Data: 23/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Aurélio

GRE/Prodemge: Carlos Alberto Silva

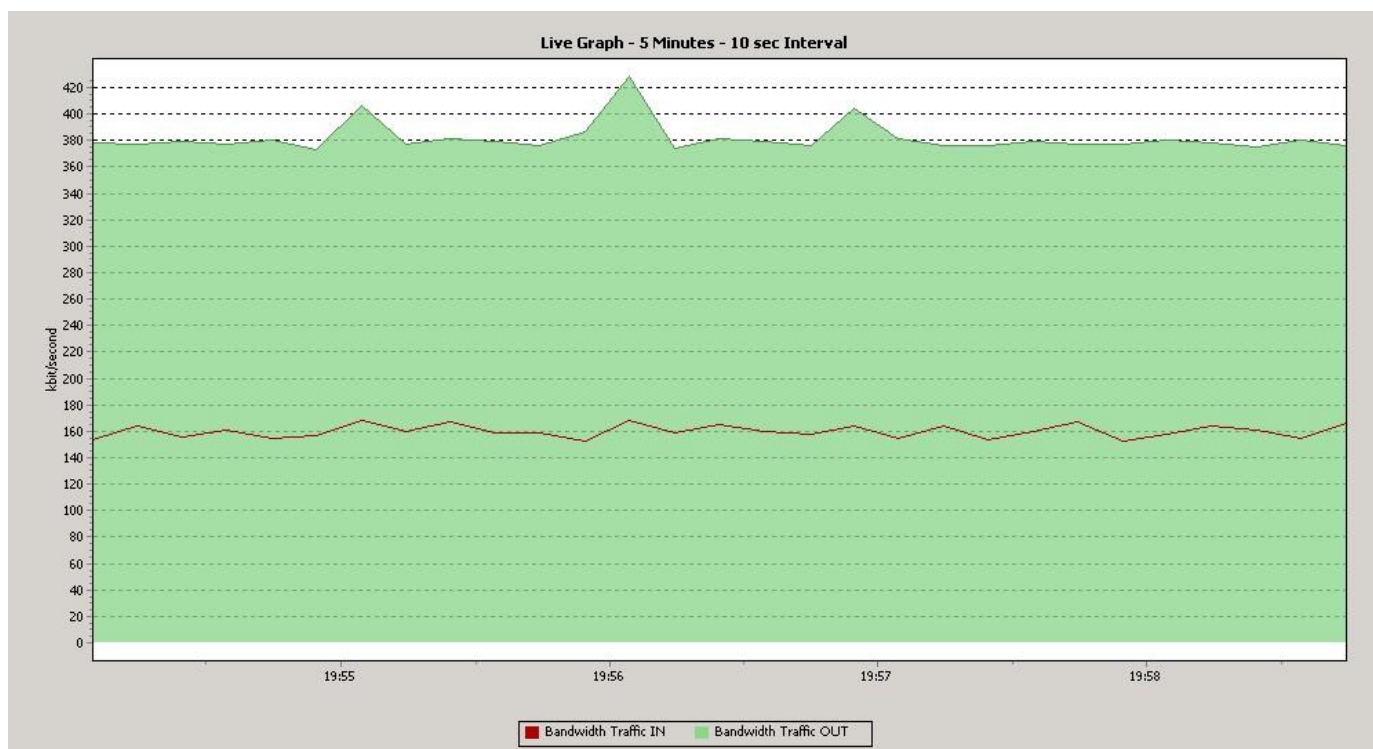
Responsável/cliente: Michel de Souza Almeida

Consórcio
STM/Vodanet

VSAT-ID
SES-CRIA-0896

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	No

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583906 GHz
Symbol Rate : 7.120007 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 : 14.5 dB
Input Power : -30 dBm

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -14.7 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 16.0 dB
Header Compression   : DSM-CC
Timing correction    : -259 us (272412 us)
Frequency correction : 90 Hz
#
```

```
IP DVB 10.148.0.150/32
```

```
Pinging 10.144.212.1 with 32 bytes of data:
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```
Reply from 10.144.212.1: bytes=32 time=607ms TTL=61
Reply from 10.144.212.1: bytes=32 time=715ms TTL=61
Reply from 10.144.212.1: bytes=32 time=634ms TTL=61
Reply from 10.144.212.1: bytes=32 time=561ms TTL=61
Reply from 10.144.212.1: bytes=32 time=669ms TTL=61
Reply from 10.144.212.1: bytes=32 time=589ms TTL=61
Reply from 10.144.212.1: bytes=32 time=702ms TTL=61
Reply from 10.144.212.1: bytes=32 time=625ms TTL=61
Reply from 10.144.212.1: bytes=32 time=545ms TTL=61
Reply from 10.144.212.1: bytes=32 time=661ms TTL=61
```

```
Ping statistics for 10.144.212.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 545ms, Maximum = 715ms, Average = 630ms
```