



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: Antonio Marques da Costa Filho

GRE/Prodemge: Carlos Alberto Silva

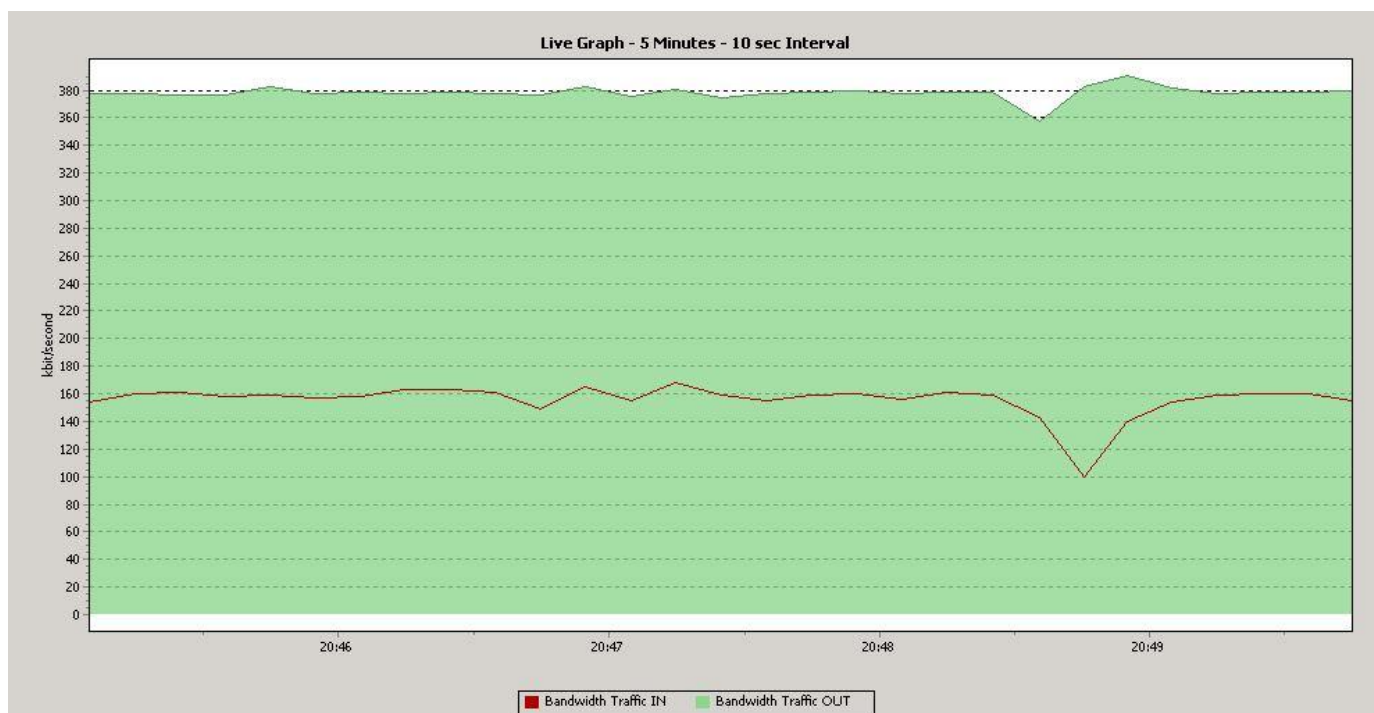
Responsável/cliente: Tarcísio Henrique Zago

Consórcio
STM/Vodanet

VSAT-ID
SES-DETA-0686

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

Satellite (DVB) Receiver Status

```
-----
Rx State              : On
DVB State             : Forward link up
Network               : 65281, Prodemge@Vodanet
Frequency              : 11.583776 GHz
Symbol Rate           : 7.119958 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                    : 15.3 dB
Input Power            : -25 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Disabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 28.5 dBm
EIRP                 : 42.0 dBW
Default CW Frequency: 14.128000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC
```

```
Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -22.1 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.2 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : -268 us (273240 us)
Frequency correction : 130 Hz
#
```

```
IP DVB 10.148.0.100/32
```

```
Pinging 10.144.41.1 with 32 bytes of data:
```

```
Reply from 10.144.41.1: bytes=32 time=550ms TTL=62
Reply from 10.144.41.1: bytes=32 time=562ms TTL=62
Reply from 10.144.41.1: bytes=32 time=581ms TTL=62
Reply from 10.144.41.1: bytes=32 time=592ms TTL=62
Reply from 10.144.41.1: bytes=32 time=544ms TTL=62
Reply from 10.144.41.1: bytes=32 time=624ms TTL=62
Reply from 10.144.41.1: bytes=32 time=644ms TTL=62
Reply from 10.144.41.1: bytes=32 time=567ms TTL=62
Reply from 10.144.41.1: bytes=32 time=577ms TTL=62
Reply from 10.144.41.1: bytes=32 time=597ms TTL=62
```

```
Ping statistics for 10.144.41.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 544ms, Maximum = 644ms, Average = 583ms
```