



TERMO DE ACEITE TÉCNICO

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

Data: 03/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Deferson de Oliveira Silva

GRE/Prodemge: Rafael Alves Ferreira

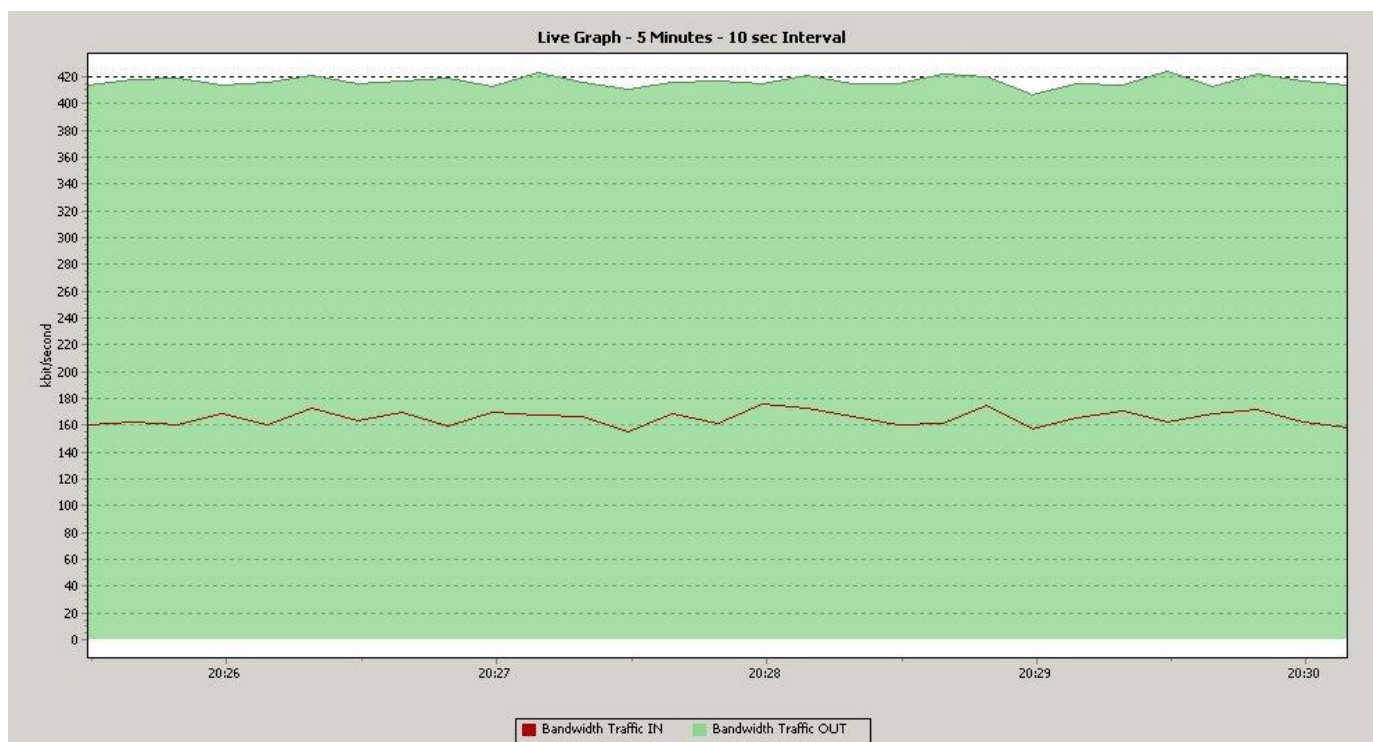
Responsável/cliente: Viviane Chaves Furini

Consórcio
STM/Vodanet

VSAT-ID
SES-JEHA-0644

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            : 11.584202 GHz
Symbol Rate         : 7.119974 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                  : 15.0 dB
Input Power         : -27 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 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
-----
State                : On (TDMA)
IDU Output Power     : -16.1 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -240 us (269610 us)
Frequency correction : -40 Hz
#
```

IP DVB 10.148.0.64/32

Pinging 10.144.1.1 with 32 bytes of data:

```
Reply from 10.144.1.1: bytes=32 time=620ms TTL=62
Reply from 10.144.1.1: bytes=32 time=543ms TTL=62
Reply from 10.144.1.1: bytes=32 time=587ms TTL=62
Reply from 10.144.1.1: bytes=32 time=575ms TTL=62
Reply from 10.144.1.1: bytes=32 time=585ms TTL=62
Reply from 10.144.1.1: bytes=32 time=542ms TTL=62
Reply from 10.144.1.1: bytes=32 time=585ms TTL=62
Reply from 10.144.1.1: bytes=32 time=541ms TTL=62
Reply from 10.144.1.1: bytes=32 time=561ms TTL=62
Reply from 10.144.1.1: bytes=32 time=540ms TTL=62
```

```
Ping statistics for 10.144.1.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 620ms, Average = 567ms
```