



TERMO DE ACEITE TÉCNICO

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

Data: 17/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Rafael Alves Ferreira

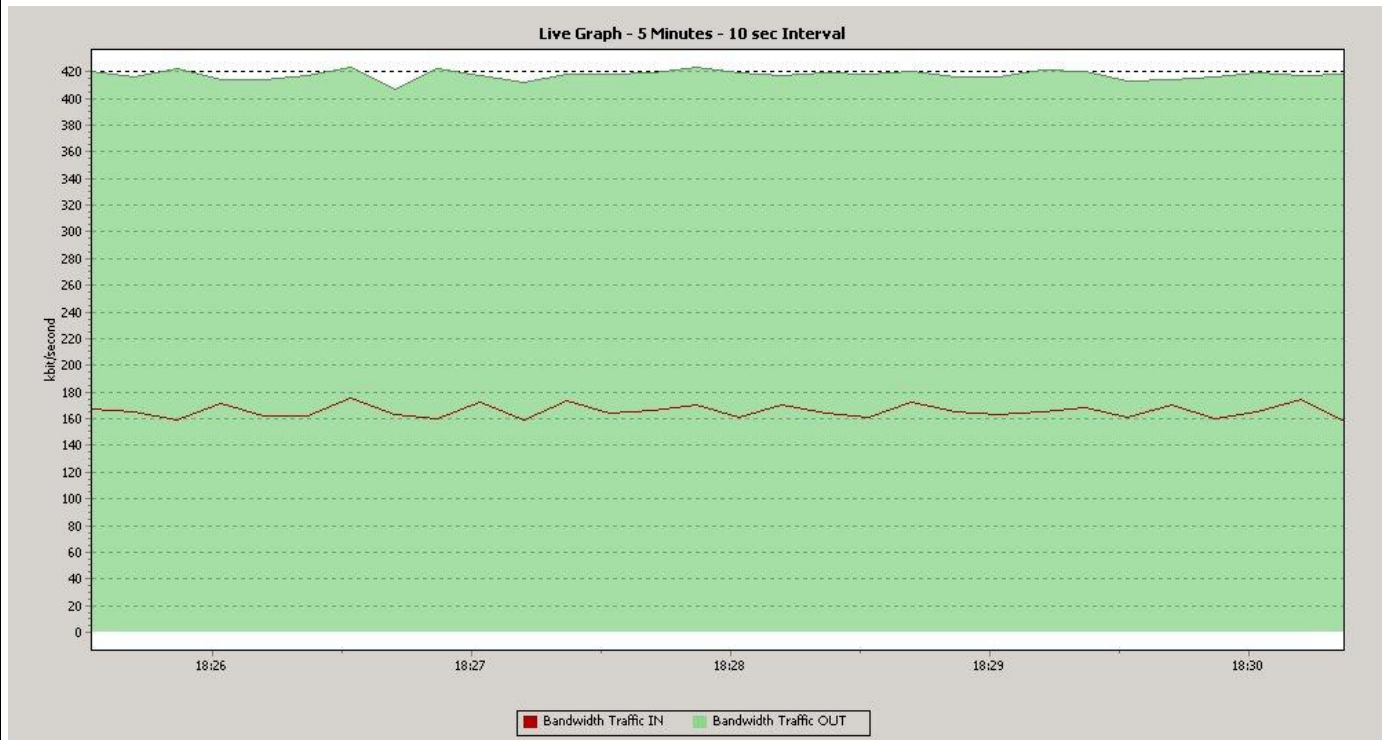
Responsável/Cliente: Marcia Maria Gomes Ribeiro

Consórcio
STM/Vodanet

VSAT-ID
SES-ITTO-0814

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            : 11.583321 GHz
Symbol Rate         : 7.119987 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                  : 14.8 dB
Input Power         : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 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     : -17.8 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -318 us (271593 us)
Frequency correction : -10 Hz

IP DVB 10.148.0.95/32

Pinging 10.144.133.1 with 32 bytes of data:

Reply from 10.144.133.1: bytes=32 time=623ms TTL=62
Reply from 10.144.133.1: bytes=32 time=546ms TTL=62
Reply from 10.144.133.1: bytes=32 time=591ms TTL=62
Reply from 10.144.133.1: bytes=32 time=579ms TTL=62
Reply from 10.144.133.1: bytes=32 time=589ms TTL=62
Reply from 10.144.133.1: bytes=32 time=545ms TTL=62
Reply from 10.144.133.1: bytes=32 time=620ms TTL=62
Reply from 10.144.133.1: bytes=32 time=640ms TTL=62
Reply from 10.144.133.1: bytes=32 time=564ms TTL=62
Reply from 10.144.133.1: bytes=32 time=542ms TTL=62

Ping statistics for 10.144.133.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 640ms, Average = 583ms
```