



TERMO DE ACEITE TÉCNICO

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

Data: 07/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Cid Santos

GRE/Prodemge: Rafael Alves Ferreira

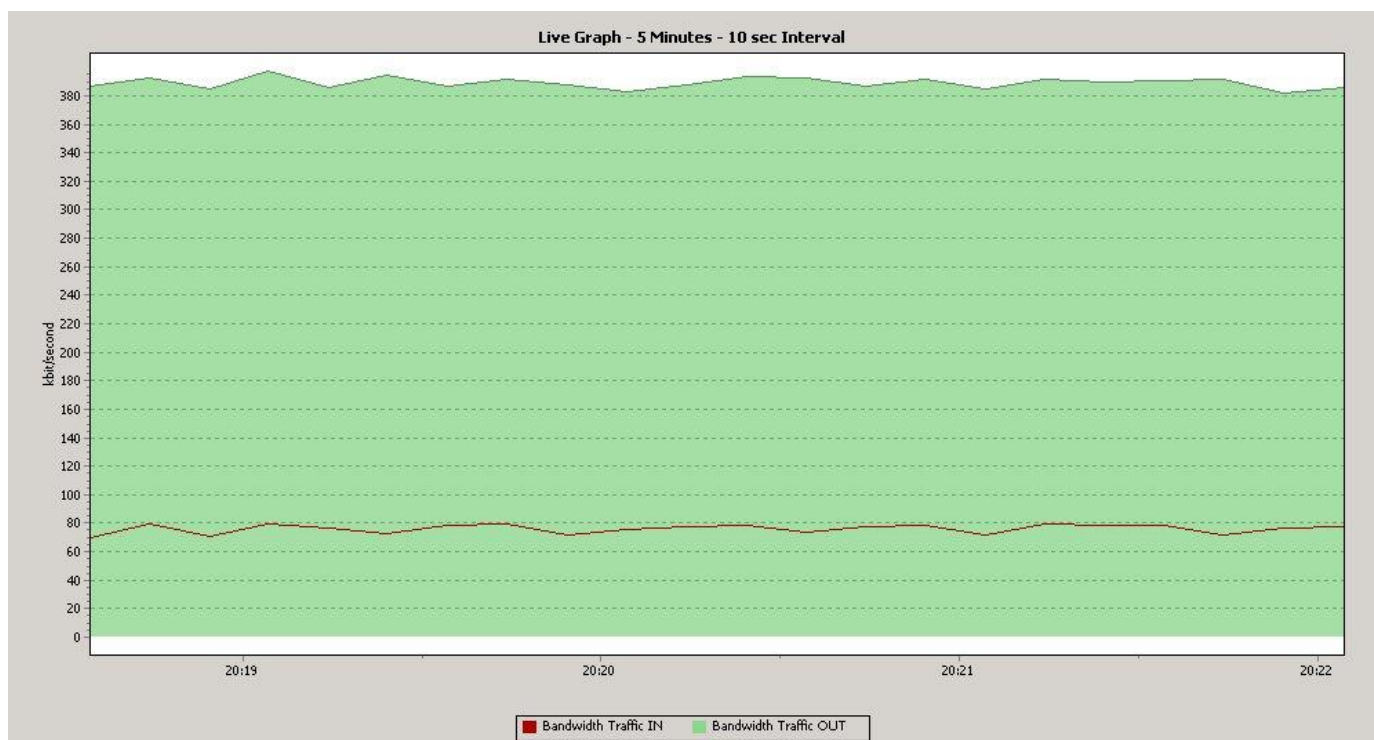
Responsável/cliente: Rafael Rodrigues

Consórcio
STM/Vodanet

VSAT-ID
SES-SATE-0784

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] 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             : 11.583830 GHz
Symbol Rate          : 7.119982 Msp
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                   : 15.4 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -18 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     : -19.6 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.7 dBW
Es/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -235 us (272010 us)
Frequency correction : -30 Hz
```

IP DVB 10.148.0.87/32

Pinging 10.144.96.1 with 32 bytes of data:

```
Reply from 10.144.96.1: bytes=32 time=541ms TTL=62
Reply from 10.144.96.1: bytes=32 time=561ms TTL=62
Reply from 10.144.96.1: bytes=32 time=539ms TTL=62
Reply from 10.144.96.1: bytes=32 time=591ms TTL=62
Reply from 10.144.96.1: bytes=32 time=603ms TTL=62
Reply from 10.144.96.1: bytes=32 time=619ms TTL=62
Reply from 10.144.96.1: bytes=32 time=542ms TTL=62
Reply from 10.144.96.1: bytes=32 time=555ms TTL=62
Reply from 10.144.96.1: bytes=32 time=575ms TTL=62
Reply from 10.144.96.1: bytes=32 time=553ms TTL=62
```

```
Ping statistics for 10.144.96.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 619ms, Average = 567ms
```