



TERMO DE ACEITE TÉCNICO

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

Data: 20/01/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Francisco Rodrigues

GRE/Prodemge: Bruno Hauck

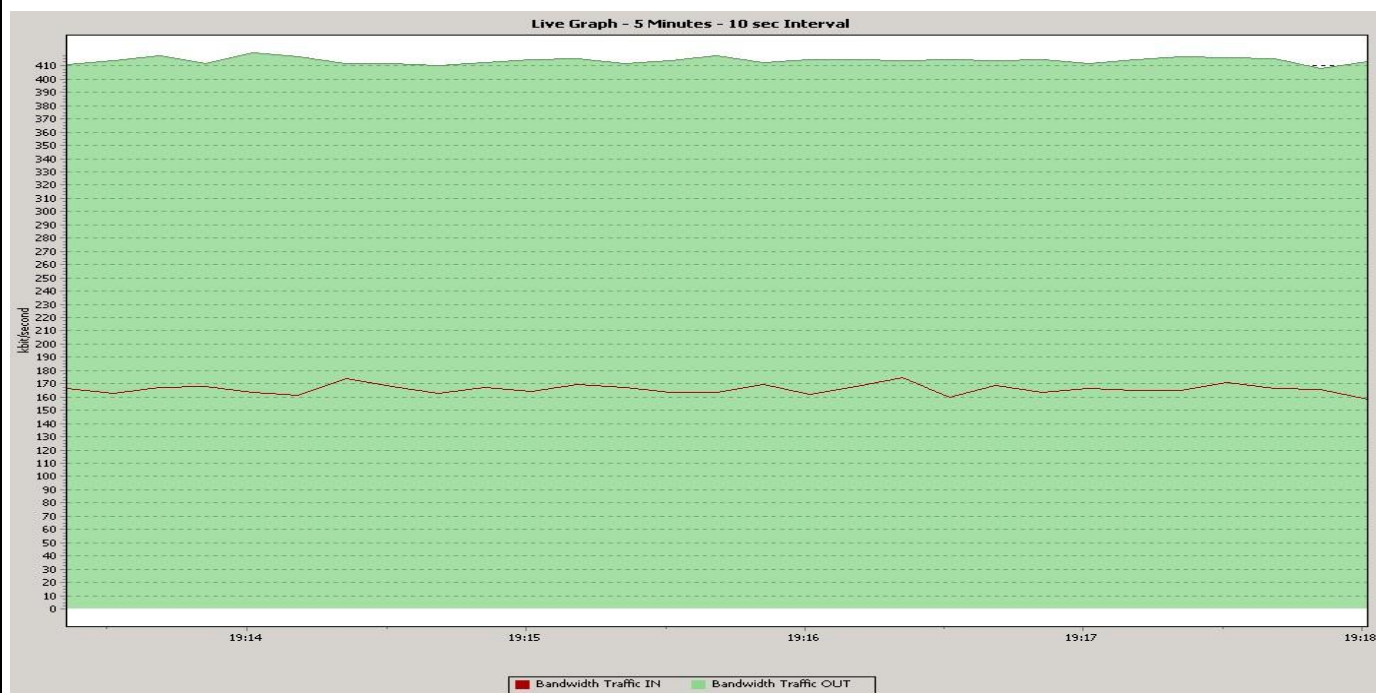
Responsável/cliente: Marcília Brandão

Consórcio
STM/Vodanet

VSAT-ID
SES-META-0728

Porta kbps
384/153

Plataforma
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency          : On
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msp]  Freq[GHz]  Mode  PopId  Enable
* 0  0    7.120000    11.583700  DVB-S2 2    Yes
  1  1    0.000000    0.000000  DVB-S2 0    No
```

Satellite (DVB) Receiver Status

```
-----
Rx State              : On
DVB State             : Forward link up
Network               : 65281, Prodemge@Vodanet
Frequency             : 11.583839 GHz
Symbol Rate          : 7.120060 Msps
S2 ModCod
- receiving           : 4   QPSK-1/2
- current max         : 21  16APSK-5/6
Pilot                 : On
Frame length          : Short frame
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 14.4 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -11 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     : -13.6 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -454 us (270860 us)
Frequency correction : 0 Hz
#

IP DVB 10.148.0.35/32

Pinging 10.144.64.1 with 32 bytes of data:

Reply from 10.144.64.1: bytes=32 time=620ms TTL=62
Reply from 10.144.64.1: bytes=32 time=543ms TTL=62
Reply from 10.144.64.1: bytes=32 time=563ms TTL=62
Reply from 10.144.64.1: bytes=32 time=575ms TTL=62
Reply from 10.144.64.1: bytes=32 time=594ms TTL=62
Reply from 10.144.64.1: bytes=32 time=605ms TTL=62
Reply from 10.144.64.1: bytes=32 time=557ms TTL=62
Reply from 10.144.64.1: bytes=32 time=549ms TTL=62
Reply from 10.144.64.1: bytes=32 time=560ms TTL=62
Reply from 10.144.64.1: bytes=32 time=580ms TTL=62

Ping statistics for 10.144.64.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 543ms, Maximum = 620ms, Average = 574ms
```