



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: Francisco Rodrigues

GRE/Prodemge: Rafael Alves Ferreira

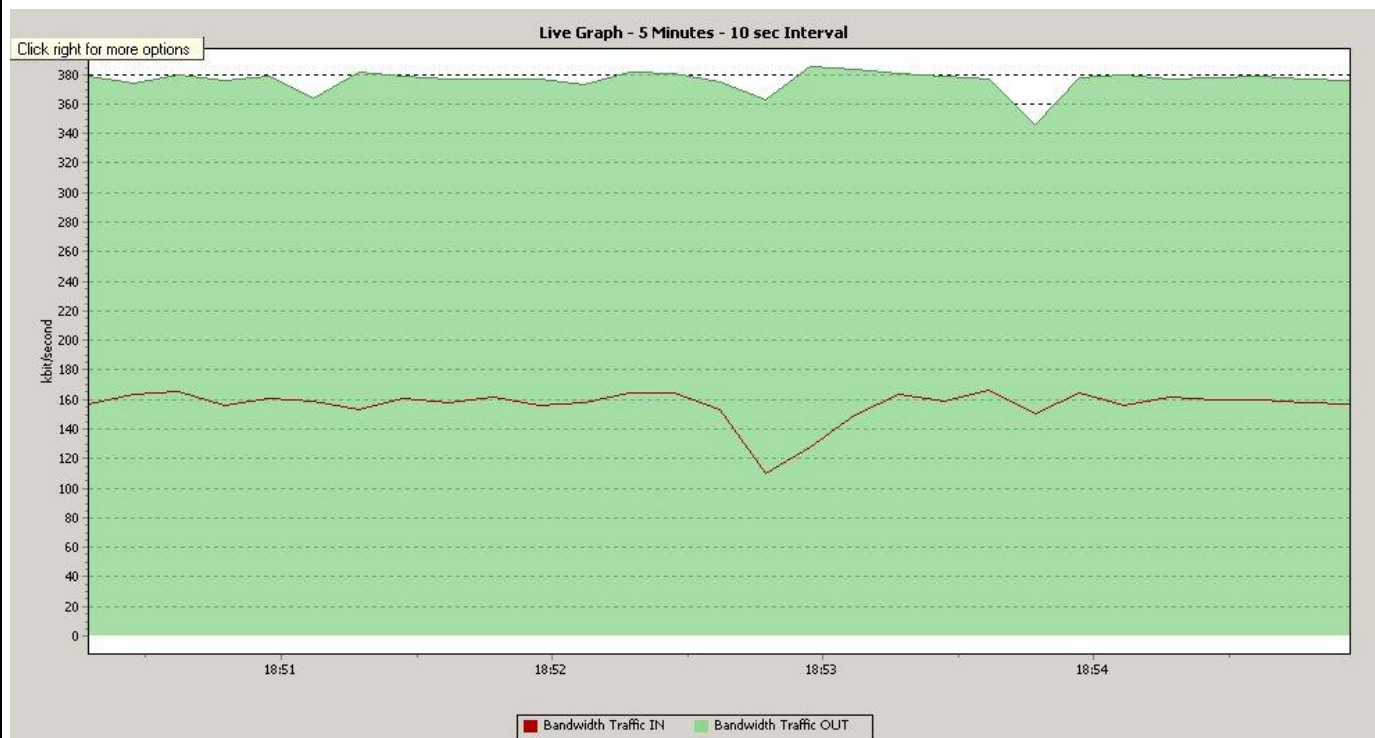
Responsável/cliente: Khíscilla de Freitas Lopes

Consórcio
STM/Vodanet

VSAT-ID
SES-NOCA-0734

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             : 11.583822 GHz
Symbol Rate           : 7.119958 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                   : 15.0 dB
Input Power           : -32 dBm
```

#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -11 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 : -14.9 dBm
ODU Output Power : 35.0 dBm
EIRP : 48.3 dBW
Es/No : 14.5 dB
Header Compression : DSM-CC
Timing correction : -255 us (270240 us)
Frequency correction: -50 Hz

IP DVB 10.148.0.88/32

Pinging 10.144.68.1 with 32 bytes of data:

Reply from 10.144.68.1: bytes=32 time=637ms TTL=62
Reply from 10.144.68.1: bytes=32 time=561ms TTL=62
Reply from 10.144.68.1: bytes=32 time=539ms TTL=62
Reply from 10.144.68.1: bytes=32 time=591ms TTL=62
Reply from 10.144.68.1: bytes=32 time=602ms TTL=62
Reply from 10.144.68.1: bytes=32 time=558ms TTL=62
Reply from 10.144.68.1: bytes=32 time=545ms TTL=62
Reply from 10.144.68.1: bytes=32 time=556ms TTL=62
Reply from 10.144.68.1: bytes=32 time=577ms TTL=62
Reply from 10.144.68.1: bytes=32 time=588ms TTL=62

Ping statistics for 10.144.68.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 539ms, Maximum = 637ms, Average = 575ms