



TERMO DE ACEITE TÉCNICO

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

Data: 15/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Cid Santos

GRE/Prodemge: Bruno Hauck

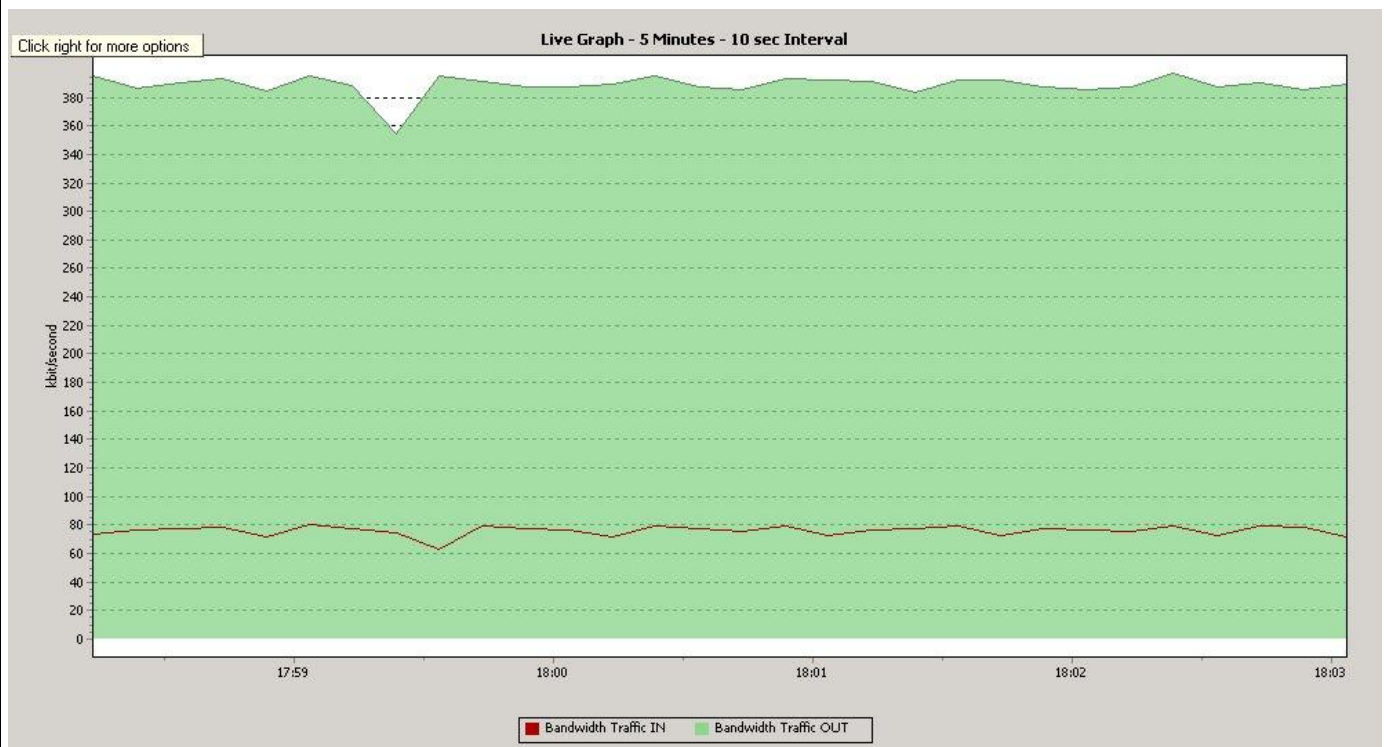
Responsável/Cliente: Ronaldo Guimarães

Consórcio
STM/Vodanet

VSAT-ID
SES-ITRA-0813

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             : 11.583480 GHz
Symbol Rate          : 7.119958 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                   : 14.6 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 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     : -14.8 dBm
ODU Output Power     : 32.8 dBm
EIRP                 : 46.1 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -312 us (271203 us)
Frequency correction : -90 Hz

IP DVB 10.148.0.94/32

Pinging 10.144.132.1 with 32 bytes of data:

Reply from 10.144.132.1: bytes=32 time=543ms TTL=62
Reply from 10.144.132.1: bytes=32 time=587ms TTL=62
Reply from 10.144.132.1: bytes=32 time=574ms TTL=62
Reply from 10.144.132.1: bytes=32 time=584ms TTL=62
Reply from 10.144.132.1: bytes=32 time=605ms TTL=62
Reply from 10.144.132.1: bytes=32 time=583ms TTL=62
Reply from 10.144.132.1: bytes=32 time=538ms TTL=62
Reply from 10.144.132.1: bytes=32 time=558ms TTL=62
Reply from 10.144.132.1: bytes=32 time=603ms TTL=62
Reply from 10.144.132.1: bytes=32 time=590ms TTL=62

Ping statistics for 10.144.132.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 538ms, Maximum = 605ms, Average = 576ms
```