



TERMO DE ACEITE TÉCNICO

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

Data: 29/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Paulo

GRE/Prodemge: Carlos Alberto Silva

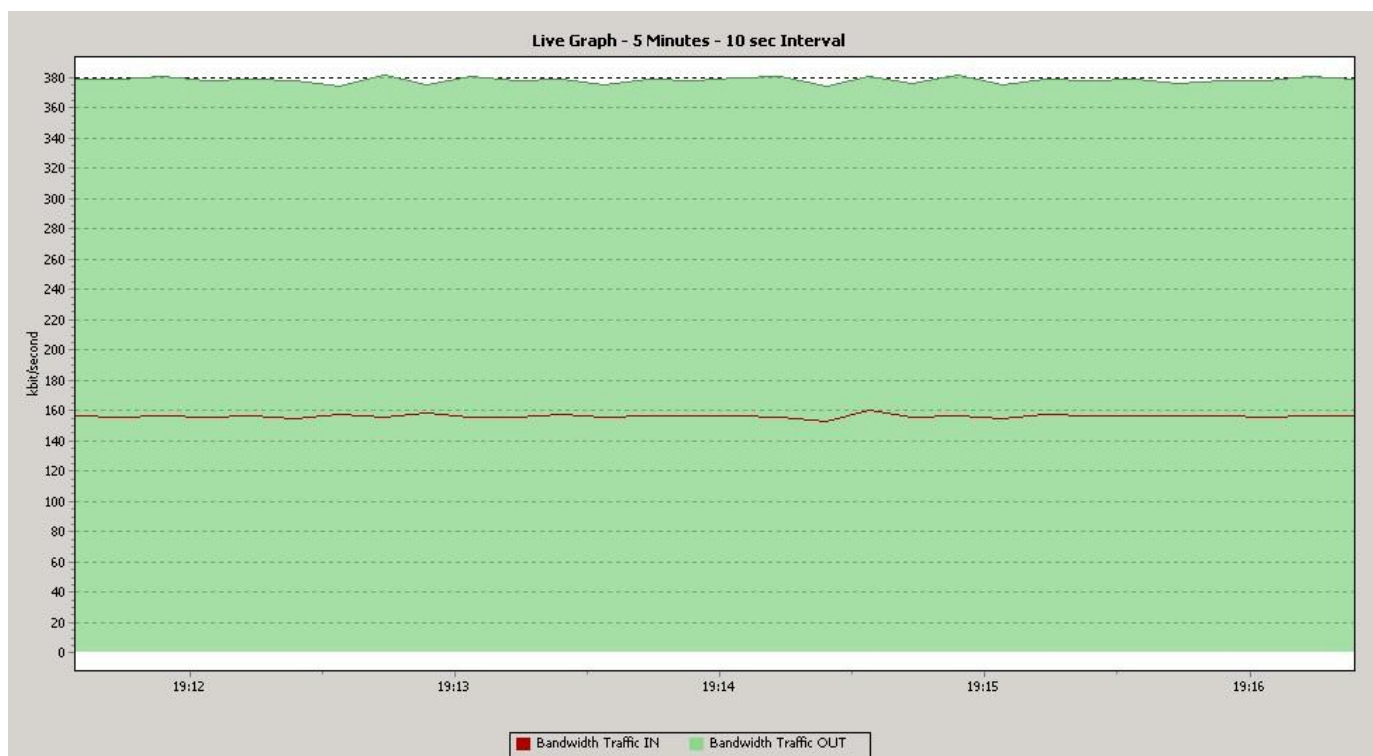
Responsável/cliente: Wando Fernandes Pessoa

Consórcio
STM/Vodanet

VSAT-ID
SES-SANO-3377

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           : 11.583924 GHz
Symbol Rate         : 7.119992 Msps
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                 : 14.4 dB
Input Power         : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -26 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 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     : -22.4 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -271 us (270207 us)
Frequency correction : 10 Hz
#

IP DVB 10.148.1.6/32

Pinging 10.145.94.1 with 32 bytes of data:

Reply from 10.145.94.1: bytes=32 time=621ms TTL=62
Reply from 10.145.94.1: bytes=32 time=577ms TTL=62
Reply from 10.145.94.1: bytes=32 time=564ms TTL=62
Reply from 10.145.94.1: bytes=32 time=574ms TTL=62
Reply from 10.145.94.1: bytes=32 time=595ms TTL=62
Reply from 10.145.94.1: bytes=32 time=606ms TTL=62
Reply from 10.145.94.1: bytes=32 time=529ms TTL=62
Reply from 10.145.94.1: bytes=32 time=549ms TTL=62
Reply from 10.145.94.1: bytes=32 time=560ms TTL=62
Reply from 10.145.94.1: bytes=32 time=580ms TTL=62

Ping statistics for 10.145.94.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 529ms, Maximum = 621ms, Average = 575ms
```