



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Antonio de Lima

GRE/Prodemge: Aguinaldo de Matos Fonseca

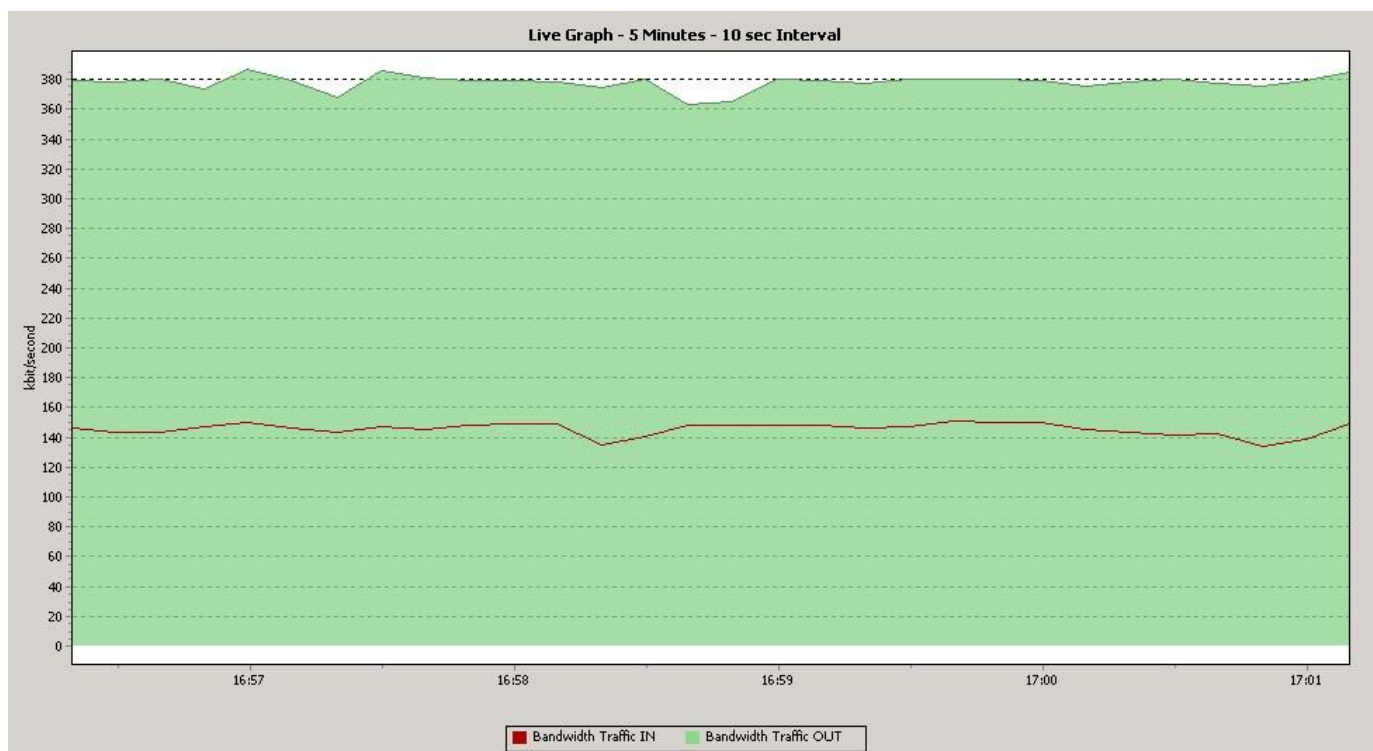
Responsável/cliente: Josiane Maria Fraga

Consórcio
STM/Vodanet

VSAT-ID
SES-RIBA-4464

Porta kbps
384/153

Plataforma
VSAT



#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 28.7 dBm
EIRP : 42.0 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 : -26.9 dBm
ODU Output Power : 28.6 dBm
EIRP : 41.9 dBW
Es/No : 6.5 dB
Header Compression : DSM-CC
Timing correction : -26 us (251787 us)
Frequency correction: 40 Hz

```
#
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	45.000000	11.606250	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 65281, Prodemge@Vodanet
Frequency             : 11.606306 GHz
Symbol Rate          : 45.000129 Msps
S2 ModCod
- receiving          : 4    QPSK-1/2
- current max        : 10    QPSK-8/9
Pilot                 : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off              : 0.20
SNR                   : 9.2 dB
Input Power          : -24 dBm
```

```
#
```

IP DVB 10.148.3.222/32

Pinging 10.172.144.1 with 32 bytes of data:

```
Reply from 10.172.144.1: bytes=32 time=554ms TTL=62
Reply from 10.172.144.1: bytes=32 time=662ms TTL=62
Reply from 10.172.144.1: bytes=32 time=576ms TTL=62
Reply from 10.172.144.1: bytes=32 time=691ms TTL=62
Reply from 10.172.144.1: bytes=32 time=948ms TTL=62
Reply from 10.172.144.1: bytes=32 time=834ms TTL=62
Reply from 10.172.144.1: bytes=32 time=757ms TTL=62
Reply from 10.172.144.1: bytes=32 time=753ms TTL=62
Reply from 10.172.144.1: bytes=32 time=598ms TTL=62
Reply from 10.172.144.1: bytes=32 time=600ms TTL=62
```

Ping statistics for 10.172.144.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 554ms, Maximum = 948ms, Average = 697ms