



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Airtón Gabriel do Nascimento Moro

GRE/Prodemge: Márlu da Silva Santos

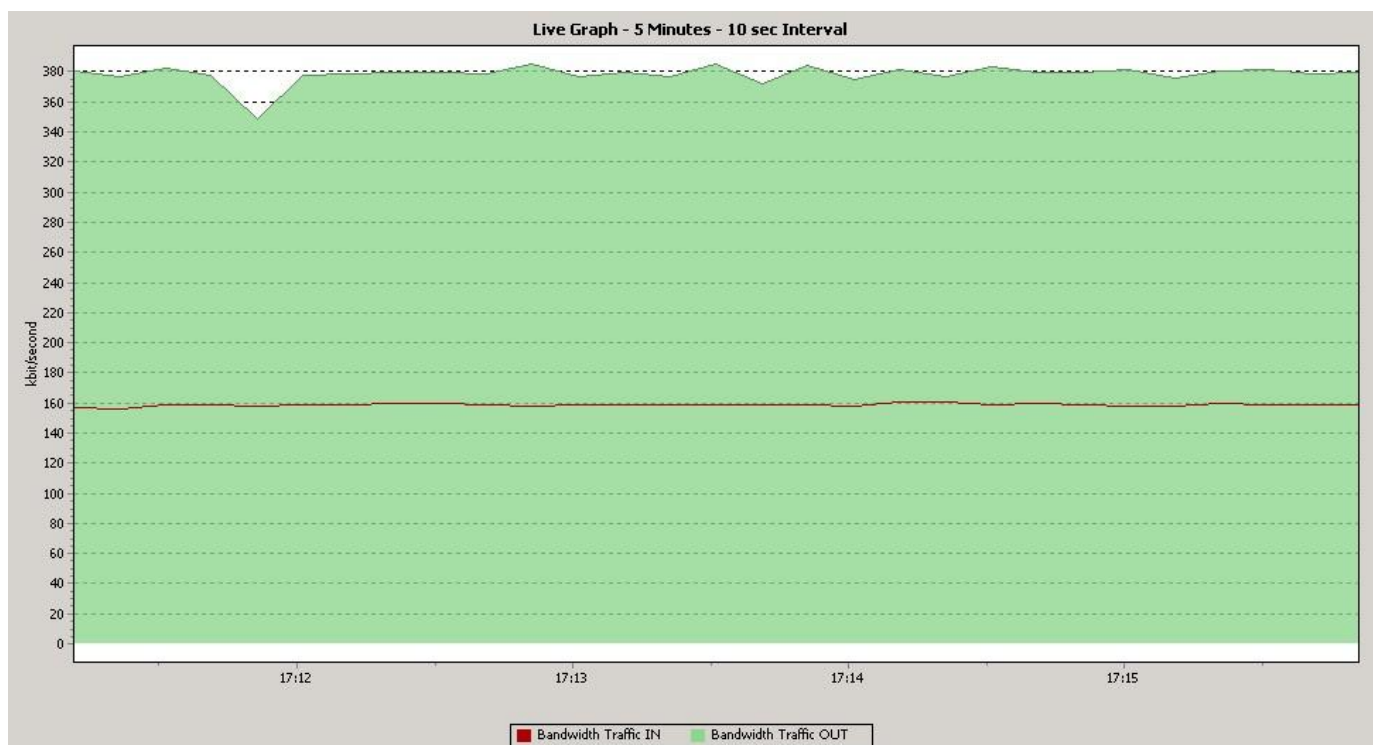
Responsável/cliente: Carlos Agripino Eliodoro de Andrade

Consórcio
STM/Vodanet

VSAT-ID
SES-BEIM-3791

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	13.333000	11.588250	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 65281, Prodemge@Vodanet
Frequency            : 11.588677 GHz
Symbol Rate          : 13.332675 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                   : 13.7 dB
Input Power          : -33 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -9.9 dBm
ODU Output Power     : 34.8 dBm
EIRP                 : 48.1 dBW
Es/No                : 14.0 dB
Header Compression   : DSM-CC
Timing correction    : -61 us (260896 us)
Frequency correction : -150 Hz
#
```

```
IP 10.148.1.162/32
```

```
Pinging 10.146.108.1 with 32 bytes of data:
```

```
Reply from 10.146.108.1: bytes=32 time=613ms TTL=62
Reply from 10.146.108.1: bytes=32 time=564ms TTL=62
Reply from 10.146.108.1: bytes=32 time=560ms TTL=62
Reply from 10.146.108.1: bytes=32 time=572ms TTL=62
Reply from 10.146.108.1: bytes=32 time=591ms TTL=62
Reply from 10.146.108.1: bytes=32 time=603ms TTL=62
Reply from 10.146.108.1: bytes=32 time=619ms TTL=62
Reply from 10.146.108.1: bytes=32 time=629ms TTL=62
Reply from 10.146.108.1: bytes=32 time=552ms TTL=62
Reply from 10.146.108.1: bytes=32 time=573ms TTL=62
```

```
Ping statistics for 10.146.108.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 552ms, Maximum = 629ms, Average = 587ms
```