



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Paulo

GRE/Prodemge: Rafael Alves Ferreira

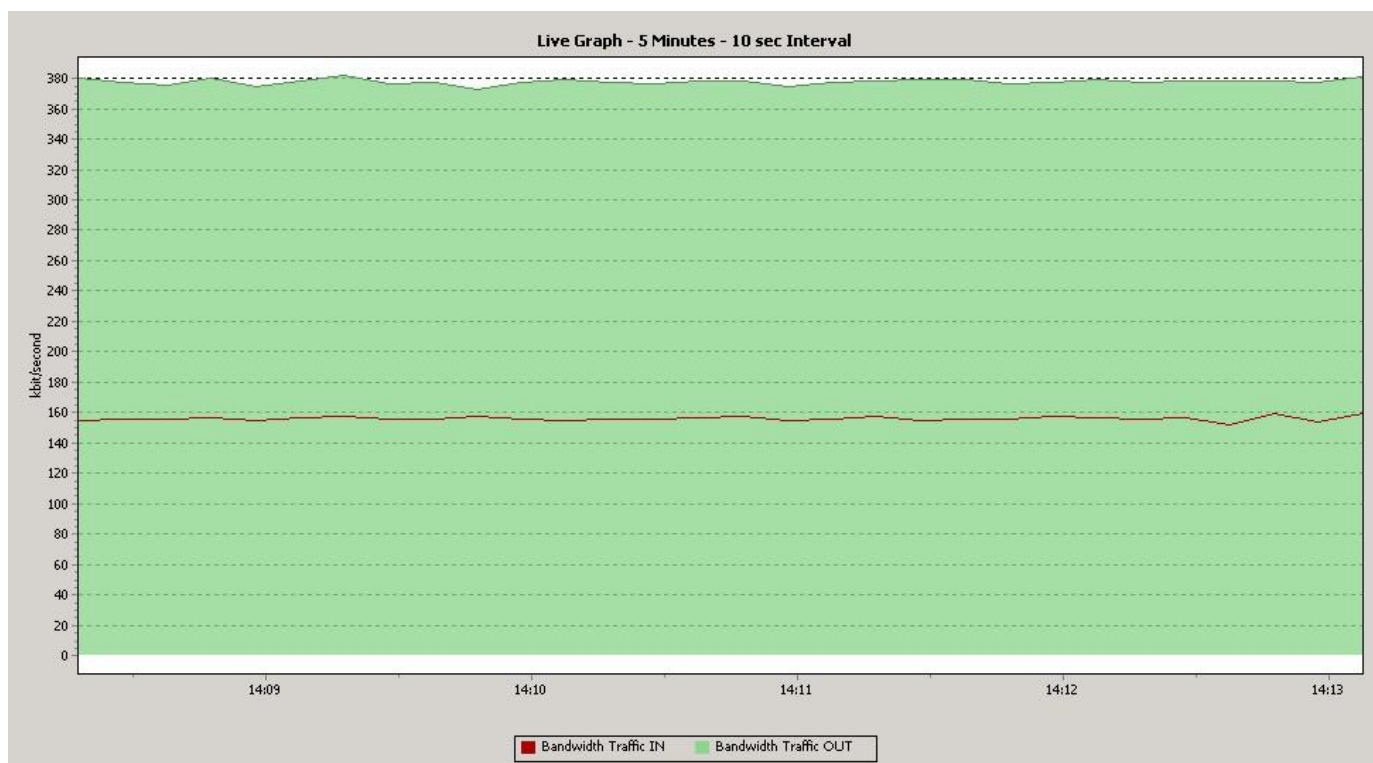
Responsável/cliente: Marcelo Batista dos Santos

Consórcio
STM/Vodanet

VSAT-ID
SES-PASO-3484

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	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              : 11.588755 GHz
Symbol Rate           : 13.333043 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                    : 13.1 dB
Input Power           : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC
```

```
Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -17.4 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction     : -232 us (259149 us)
Frequency correction : -450 Hz
#
```

```
IP DVB 10.148.1.28/32
```

```
Pinging 10.145.163.1 with 32 bytes of data:
```

```
Reply from 10.145.163.1: bytes=32 time=568ms TTL=62
Reply from 10.145.163.1: bytes=32 time=593ms TTL=62
Reply from 10.145.163.1: bytes=32 time=567ms TTL=62
Reply from 10.145.163.1: bytes=32 time=620ms TTL=62
Reply from 10.145.163.1: bytes=32 time=543ms TTL=62
Reply from 10.145.163.1: bytes=32 time=588ms TTL=62
Reply from 10.145.163.1: bytes=32 time=575ms TTL=62
Reply from 10.145.163.1: bytes=32 time=585ms TTL=62
Reply from 10.145.163.1: bytes=32 time=542ms TTL=62
Reply from 10.145.163.1: bytes=32 time=529ms TTL=62
```

```
Ping statistics for 10.145.163.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 620ms, Average = 571ms
```