



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Márlu da Silva Santos

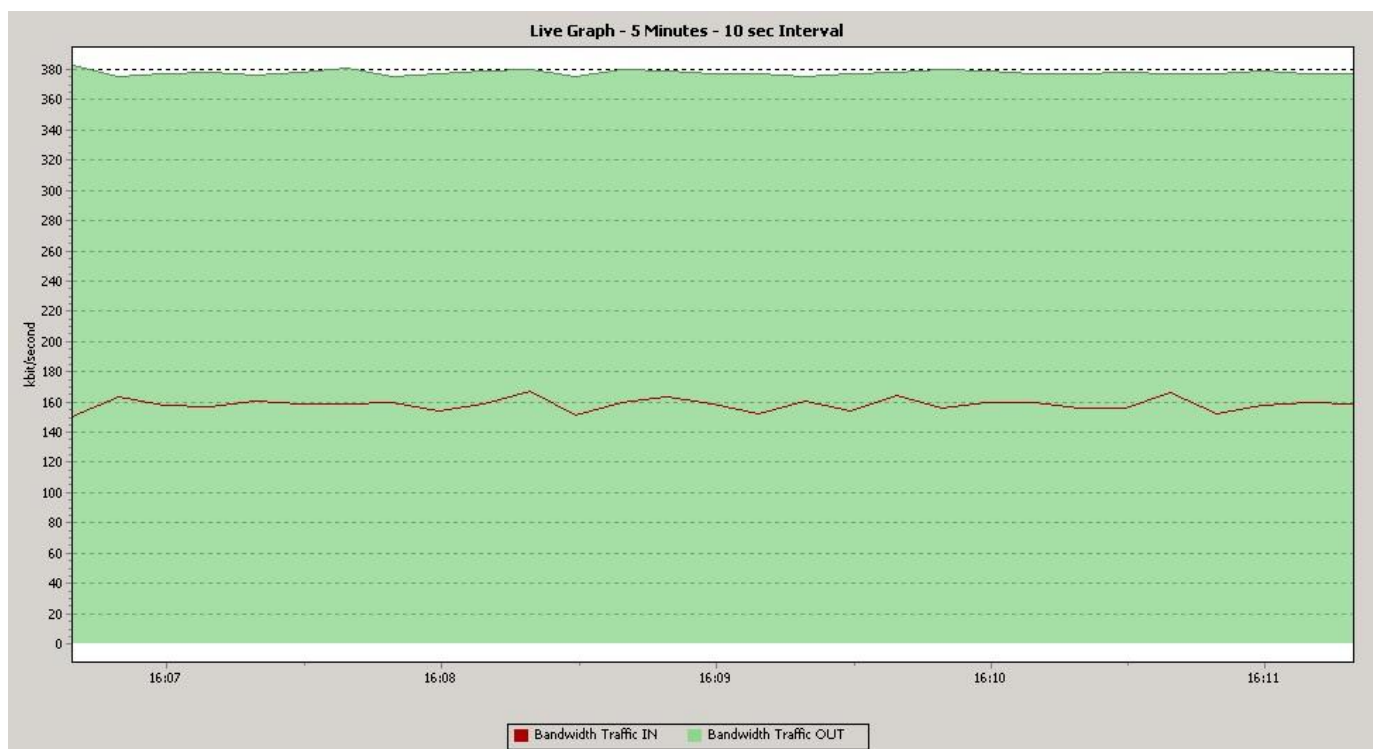
Responsável/cliente: Douglas Alves Marte

Consórcio
STM/Vodanet

VSAT-ID
SES-MACU-3942

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             : 11.588552 GHz
Symbol Rate           : 13.332862 Msp/s
S2 ModCod
  - receiving         : 4    QPSK-1/2
  - current max       : 14    8PSK-3/4
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 11.1 dB
Input Power           : -33 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -17 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     : -15.6 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : -68 us (260110 us)
Frequency correction : 0 Hz
#
```

```
IP DVB 10.148.1.192/32
```

```
Pinging 10.146.210.1 with 32 bytes of data:
```

```
Reply from 10.146.210.1: bytes=32 time=562ms TTL=62
Reply from 10.146.210.1: bytes=32 time=602ms TTL=62
Reply from 10.146.210.1: bytes=32 time=612ms TTL=62
Reply from 10.146.210.1: bytes=32 time=555ms TTL=62
Reply from 10.146.210.1: bytes=32 time=560ms TTL=62
Reply from 10.146.210.1: bytes=32 time=560ms TTL=62
Reply from 10.146.210.1: bytes=32 time=583ms TTL=62
Reply from 10.146.210.1: bytes=32 time=590ms TTL=62
Reply from 10.146.210.1: bytes=32 time=598ms TTL=62
Reply from 10.146.210.1: bytes=32 time=608ms TTL=62
```

```
Ping statistics for 10.146.210.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 555ms, Maximum = 612ms, Average = 583ms
```