



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: André da Silva Braz

GRE/Prodemge: Márlu da Silva Santos

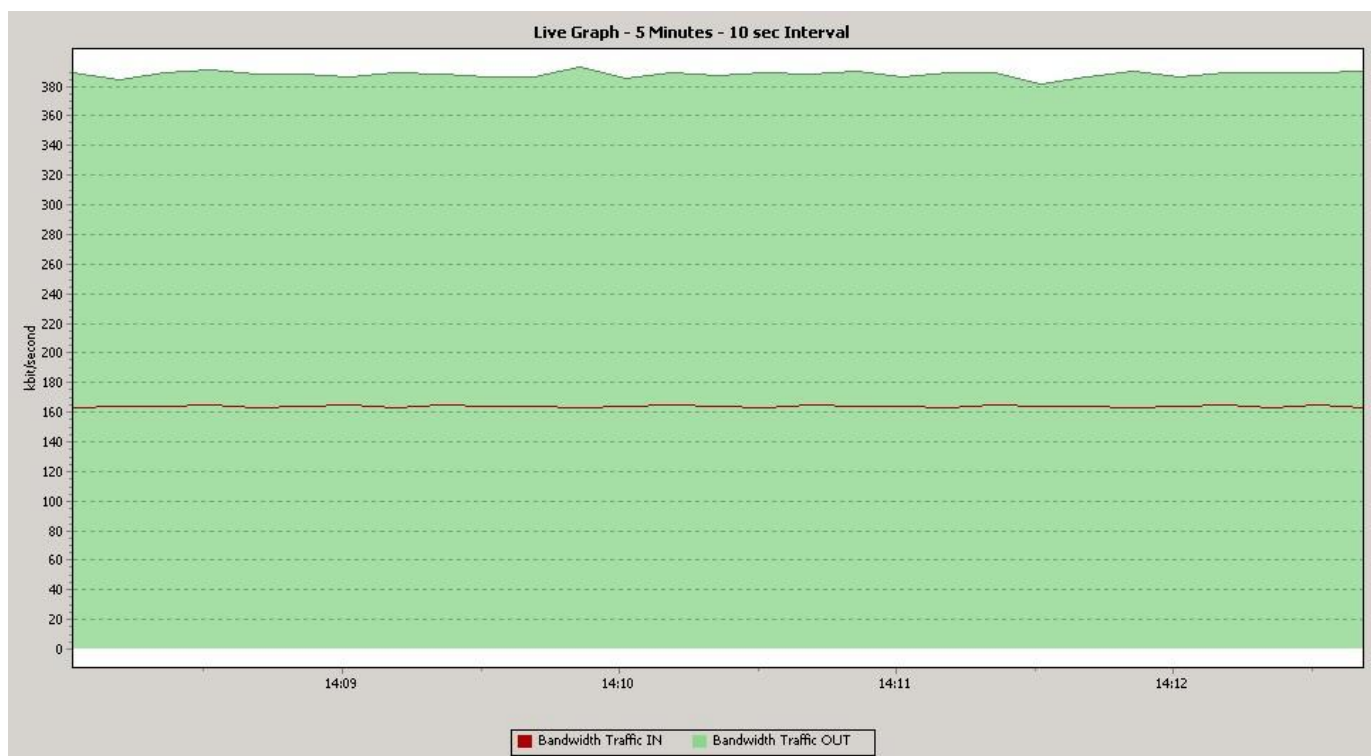
Responsável/cliente: Natércia Junia de Souza

Consórcio
STM/Vodanet

VSAT-ID
SES-DOIS-0863

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            : 11.588233 GHz
Symbol Rate         : 13.332971 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                  : 14.3 dB
Input Power          : -30 dBm
```

```
#
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: 14.150500 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC
```

```
Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -22.5 dBm
ODU Output Power     : 28.8 dBm
EIRP                 : 42.1 dBW
Es/No                : 11.5 dB
Header Compression   : DSM-CC
Timing correction    : -956 us (261561 us)
Frequency correction : -160 Hz
#
```

```
IP DVB 10.148.1.58/32
```

```
Pinging 10.144.182.1 with 32 bytes of data:
```

```
Reply from 10.144.182.1: bytes=32 time=578ms TTL=62
Reply from 10.144.182.1: bytes=32 time=556ms TTL=62
Reply from 10.144.182.1: bytes=32 time=545ms TTL=62
Reply from 10.144.182.1: bytes=32 time=588ms TTL=62
Reply from 10.144.182.1: bytes=32 time=577ms TTL=62
Reply from 10.144.182.1: bytes=32 time=564ms TTL=62
Reply from 10.144.182.1: bytes=32 time=542ms TTL=62
Reply from 10.144.182.1: bytes=32 time=595ms TTL=62
Reply from 10.144.182.1: bytes=32 time=606ms TTL=62
Reply from 10.144.182.1: bytes=32 time=562ms TTL=62
```

```
Ping statistics for 10.144.182.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 542ms, Maximum = 606ms, Average = 571ms
```