



# 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:** Rafael Alves Ferreira

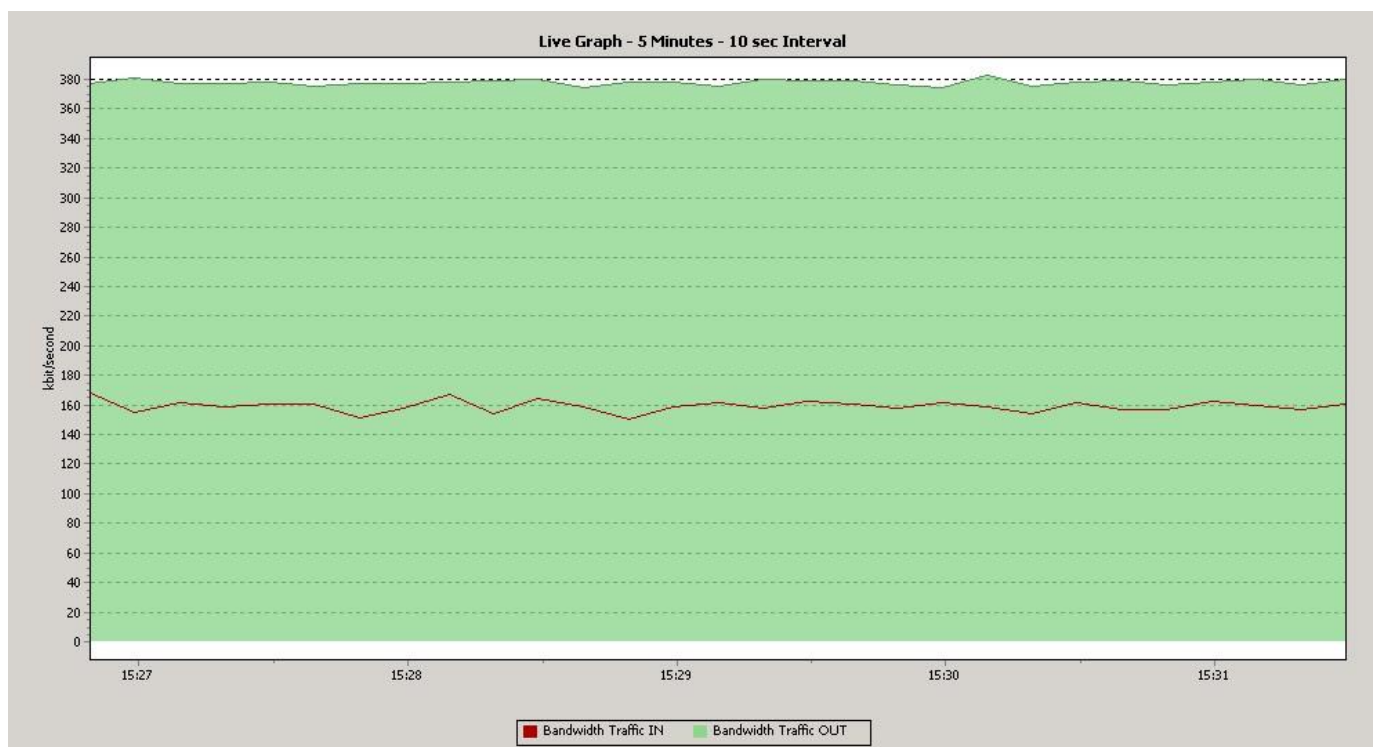
**Responsável/cliente:** Renata Pietro Carvalho

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-PIRA-3466

**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              : 11.588370 GHz
Symbol Rate           : 13.332898 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                    : 13.3 dB
Input Power           : -35 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -24 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 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     : -16.1 dBm
ODU Output Power     : 34.9 dBm
EIRP                 : 48.2 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : -219 us (260622 us)
Frequency correction : -280 Hz
#
```

Pinging 10.145.121.1 with 32 bytes of data:

```
Reply from 10.145.121.1: bytes=32 time=566ms TTL=62
Reply from 10.145.121.1: bytes=32 time=553ms TTL=62
Reply from 10.145.121.1: bytes=32 time=564ms TTL=62
Reply from 10.145.121.1: bytes=32 time=584ms TTL=62
Reply from 10.145.121.1: bytes=32 time=595ms TTL=62
Reply from 10.145.121.1: bytes=32 time=615ms TTL=62
Reply from 10.145.121.1: bytes=32 time=538ms TTL=62
Reply from 10.145.121.1: bytes=32 time=581ms TTL=62
Reply from 10.145.121.1: bytes=32 time=567ms TTL=62
Reply from 10.145.121.1: bytes=32 time=578ms TTL=62
```

```
Ping statistics for 10.145.121.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 538ms, Maximum = 615ms, Average = 574ms
```