



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Pedro Henrique da R. Bernardes

**Operadora/Cliente:** Ivan Paulino

**GRE/Prodemge:** Douglas Alvares

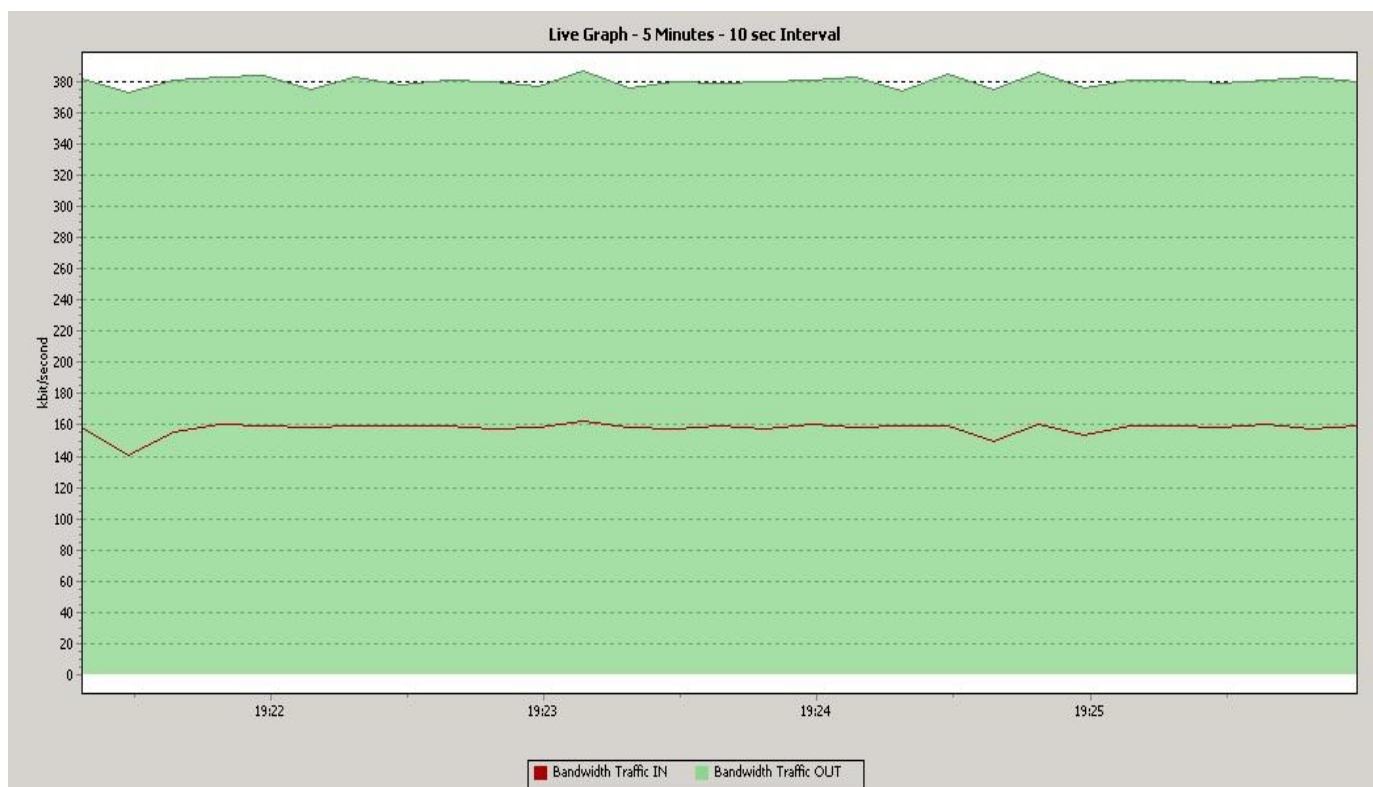
**Responsável/cliente:** José Rodrigues Freira Filho

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-ALIS-0887

**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
1	1	0.000000	0.000000	DVB-S2	2	No

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.588181 GHz  
Symbol Rate : 13.333064 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 : 12.7 dB  
Input Power : -35 dBm

#### Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -21 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power     : 33.2 dBm  
EIRP                 : 46.5 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     : -15.3 dBm  
ODU Output Power     : 33.2 dBm  
EIRP                 : 46.5 dBW  
Es/No                : 11.5 dB  
Header Compression   : DSM-CC  
Timing correction    : -113 us (262062 us)  
Frequency correction: -60 Hz
```

IP DVB: 10.148.2.246/32

C:\>ping -n 10 10.144.203.1

Pinging 10.144.203.1 with 32 bytes of data:

```
Reply from 10.144.203.1: bytes=32 time=595ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=606ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=558ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=551ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=562ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=583ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=593ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=614ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=537ms TTL=62  
Reply from 10.144.203.1: bytes=32 time=547ms TTL=62
```

Ping statistics for 10.144.203.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 537ms, Maximum = 614ms, Average = 574ms
```