



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Ivanil Vitor

**GRE/Prodemge:** Douglas Alvares

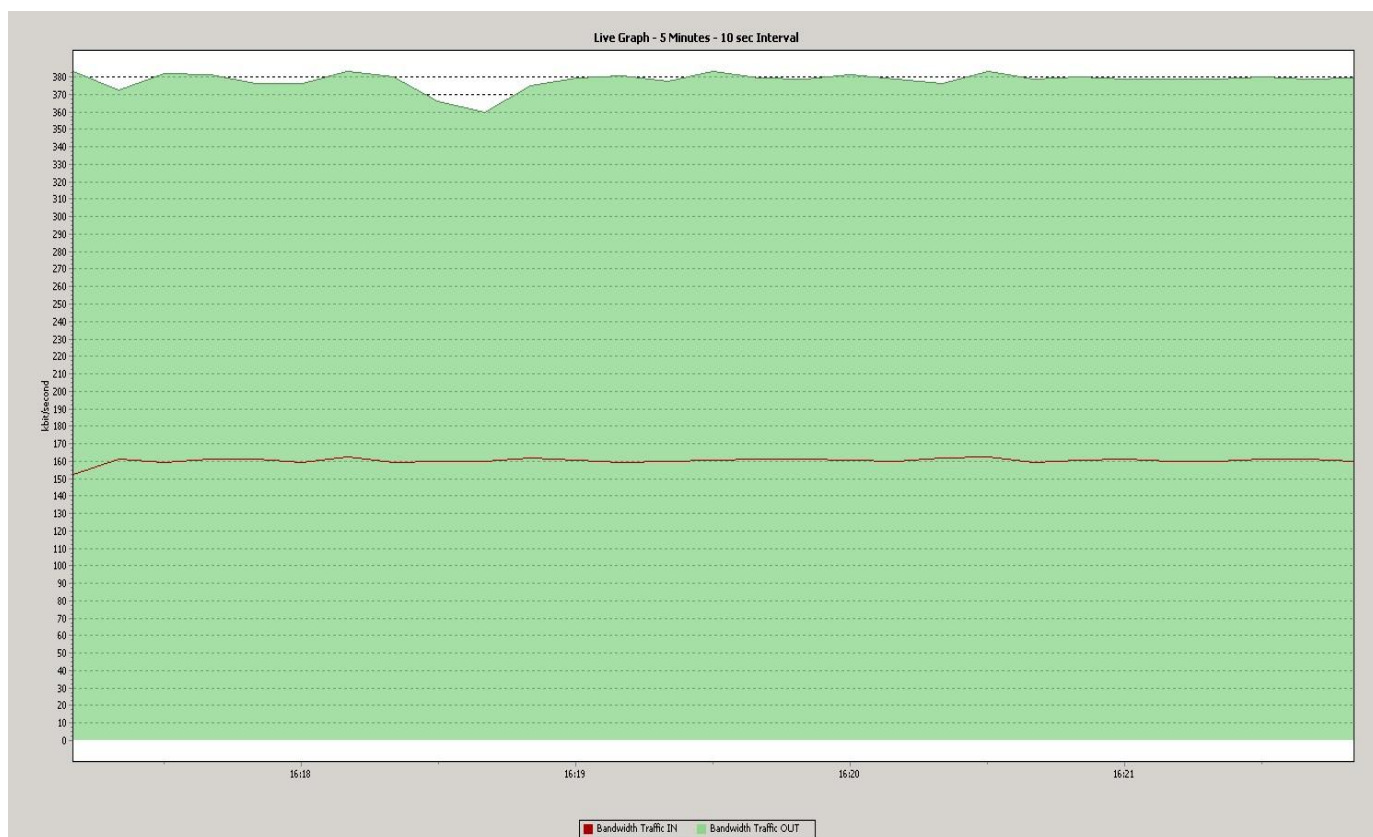
**Responsável/cliente:** Lurdiana

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-SEHA-5262

**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   | 45.000000       | 11.606250 | DVB-S2 | 2     | Yes    |

## Satellite (DVB) Receiver Status

Rx State : On  
DVB State : Forward link up  
Network : 65281, Prodemge@Vodanet  
Frequency : 11.606378 GHz  
Symbol Rate : 45.000066 Msp/s  
S2 ModCod  
- receiving : 4 QPSK-1/2  
- current max : 13 8PSK-2/3  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.20  
SNR : 9.5 dB  
Input Power : -30 dBm

#### Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -20 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     : -16.6 dBm  
ODU Output Power     : 34.7 dBm  
EIRP                 : 48.0 dBW  
Es/No                : 13.0 dB  
Header Compression   : DSM-CC  
Timing correction    : 134 us (250841 us)  
Frequency correction: 70 Hz
```

IP DVB: 10.148.5.175/32

Pinging 10.174.66.1 with 32 bytes of data:

```
Reply from 10.174.66.1: bytes=32 time=602ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=572ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=519ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=532ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=568ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=546ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=549ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=745ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=532ms TTL=62  
Reply from 10.174.66.1: bytes=32 time=575ms TTL=62
```

Ping statistics for 10.174.66.1:

```
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 519ms, Maximum = 745ms, Average = 574ms
```