



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Diego Lemos

**GRE/Prodemge:** Douglas Alvares

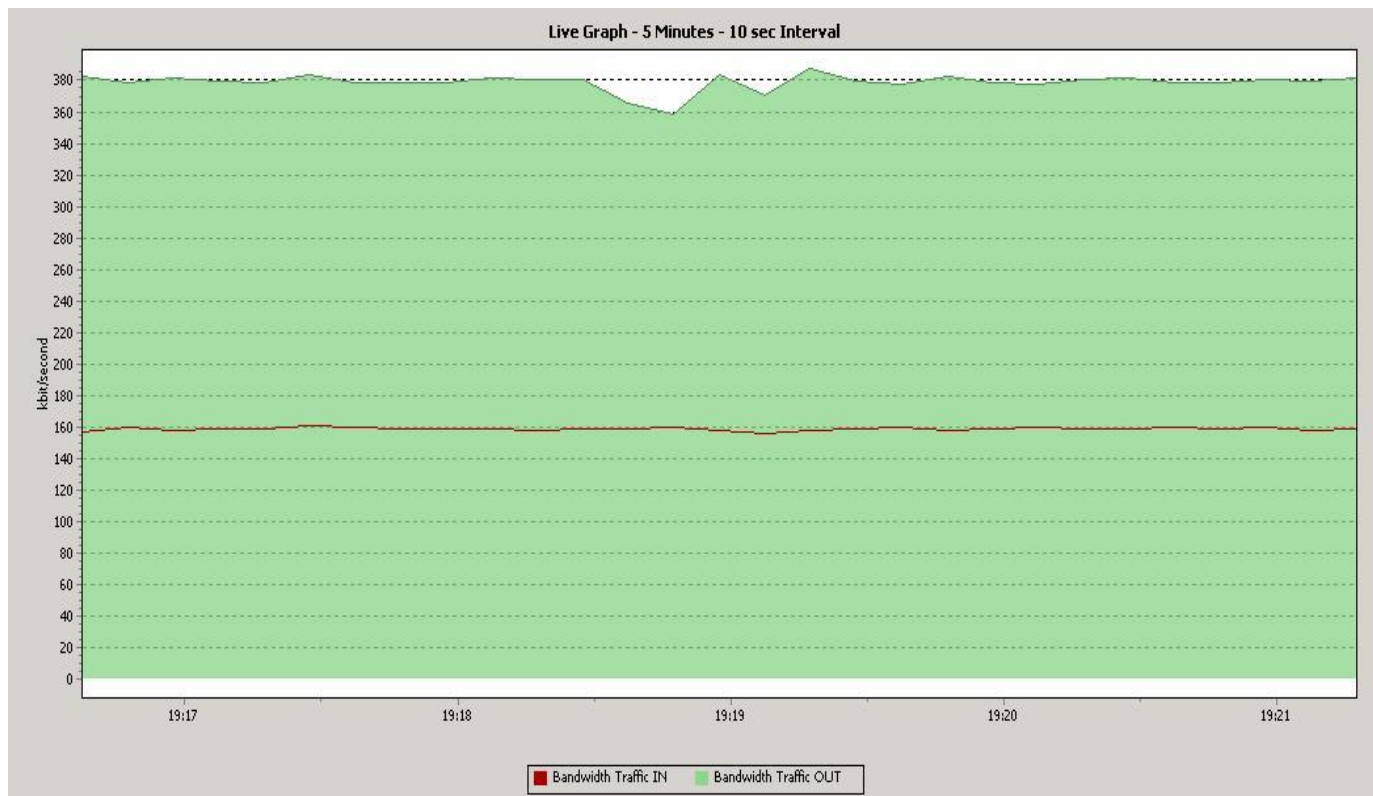
**Responsável/cliente:** Maria do Carmo

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MAAS-3514

**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    |
| 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 : 11.606778 GHz  
Symbol Rate : 45.000653 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 : 9.7 dB  
Input Power : -28 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -23 dBm  
IDU Max Output Power: 0.0 dBm  
ODU Output Power : 31.1 dBm  
EIRP : 42.0 dBW  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : UDP/IP/DSM-CC

# Satellite (DVB) Transmitter Status

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State : On (TDMA)  
IDU Output Power : -21.9 dBm  
ODU Output Power : 31.3 dBm  
EIRP : 42.2 dBW  
Es/No : 9.0 dB  
Header Compression : DSM-CC  
Timing correction : -152 us (252829 us)  
Frequency correction: 180 Hz

IP DVB: 10.148.4.47/32

C:\>ping -n 10 10.145.141.1

Pinging 10.145.141.1 with 32 bytes of data:

Reply from 10.145.141.1: bytes=32 time=563ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=549ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=560ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=580ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=590ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=514ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=534ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=545ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=565ms TTL=62  
Reply from 10.145.141.1: bytes=32 time=576ms TTL=62

Ping statistics for 10.145.141.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 514ms, Maximum = 590ms, Average = 557ms