



# TERMO DE ACEITE TÉCNICO

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

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

**Operadora/Cliente:** Gilvan Pereira

**GRE/Prodemge:** Douglas Alvares

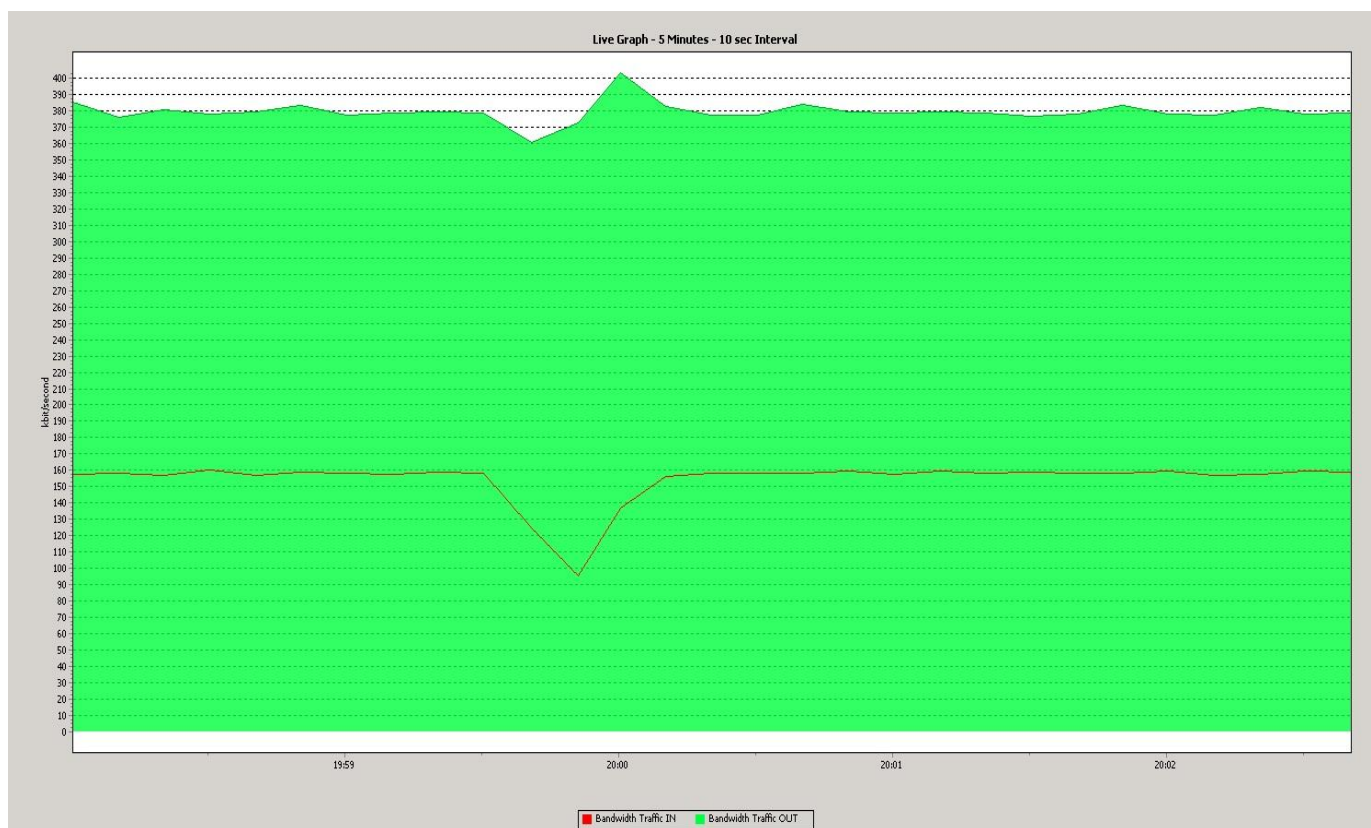
**Responsável/cliente:** Andrea Martins

**Consórcio**  
STM/Vodanet

**VSAT-ID**  
SES-MOAO-5037

**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[Mbps]	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 : 11.606350 GHz  
Symbol Rate : 45.000055 Mbps  
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 : 9.4 dB  
Input Power : -27 dBm

# Satellite (DVB) TX Configuration

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Auto start : Enabled  
IDU Output Power : -30 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

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State : On (TDMA)  
IDU Output Power : -18.1 dBm  
ODU Output Power : 33.3 dBm  
EIRP : 46.8 dBW  
Es/No : 12.0 dB  
Header Compression : DSM-CC  
Timing correction : 85 us (253806 us)  
Frequency correction: 160 Hz

IP DVB: 10.148.3.168/32

C:\>ping -n 10 10.173.122.1

Pinging 10.173.122.1 with 32 bytes of data:

Reply from 10.173.122.1: bytes=32 time=610ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=533ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=640ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=563ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=665ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=594ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=526ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=618ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=548ms TTL=62  
Reply from 10.173.122.1: bytes=32 time=657ms TTL=62

Ping statistics for 10.173.122.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 526ms, Maximum = 665ms, Average = 595ms