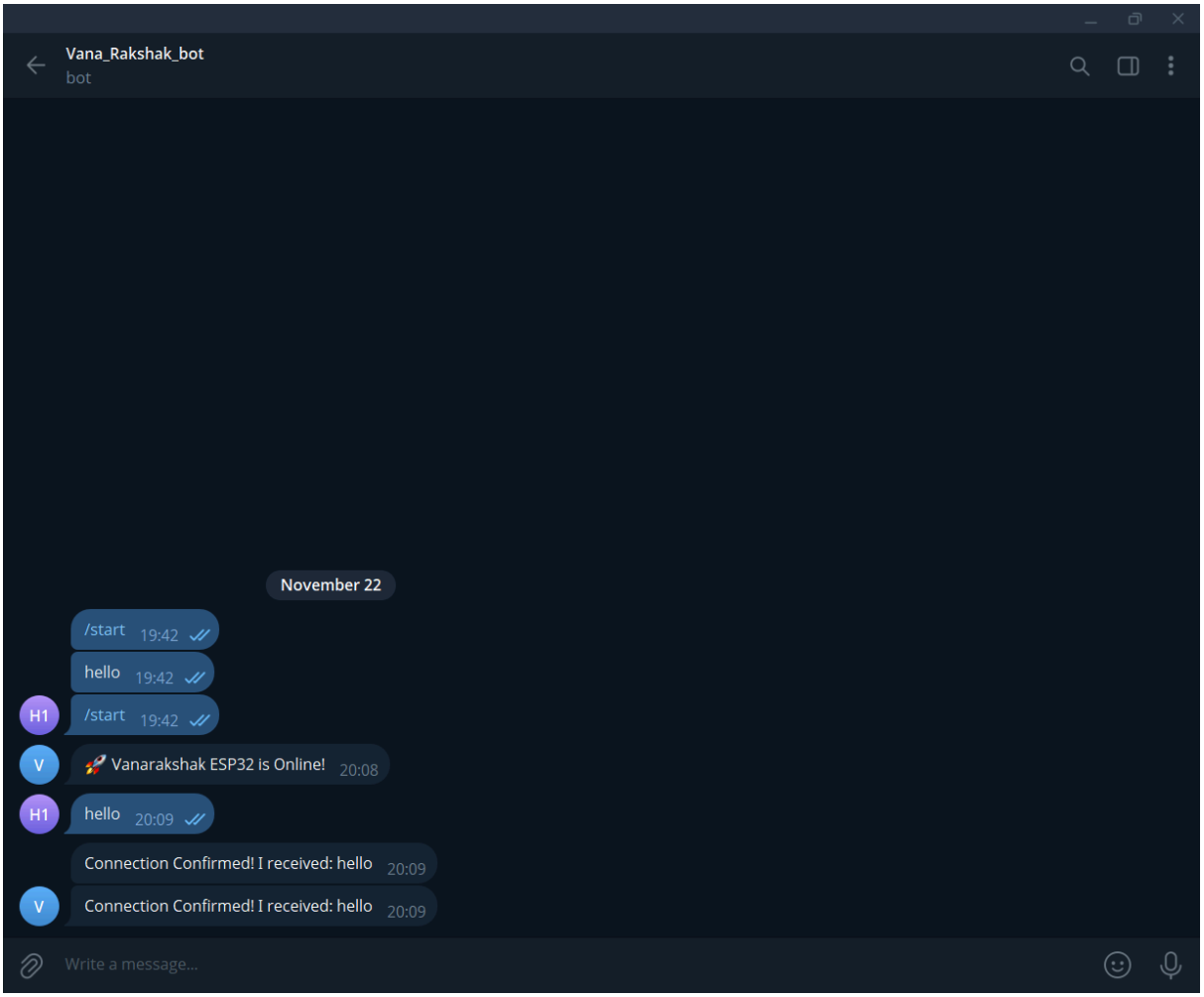
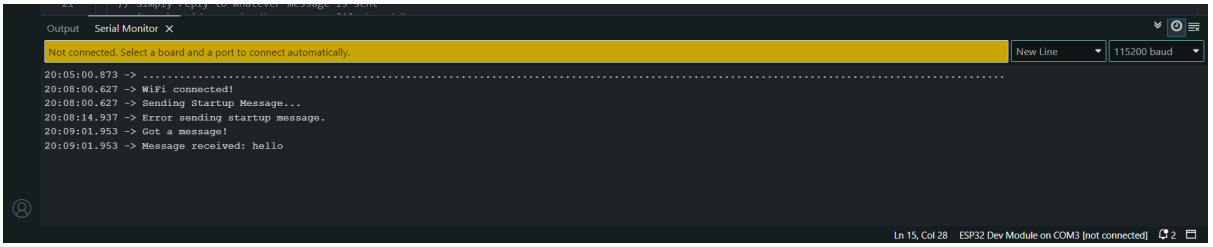
Establishing a WiFi client to a Telegram bot for one-way transmission through an established API key:





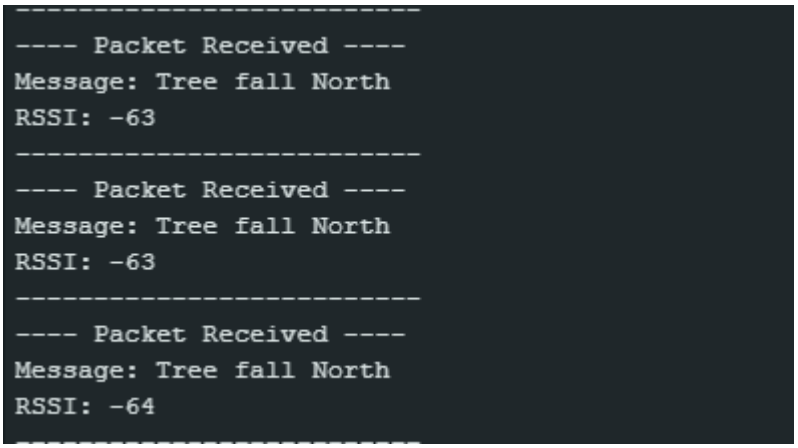
Successfully tested LoRa (Long Range) communication stack hardware module transmission and reception through ESP32, indicating the orientation of MPU6050 to accuracy.

Transmitter

Receiver from base position

i) Indicating tree orientation in the south direction

ii) North Direction Orientation



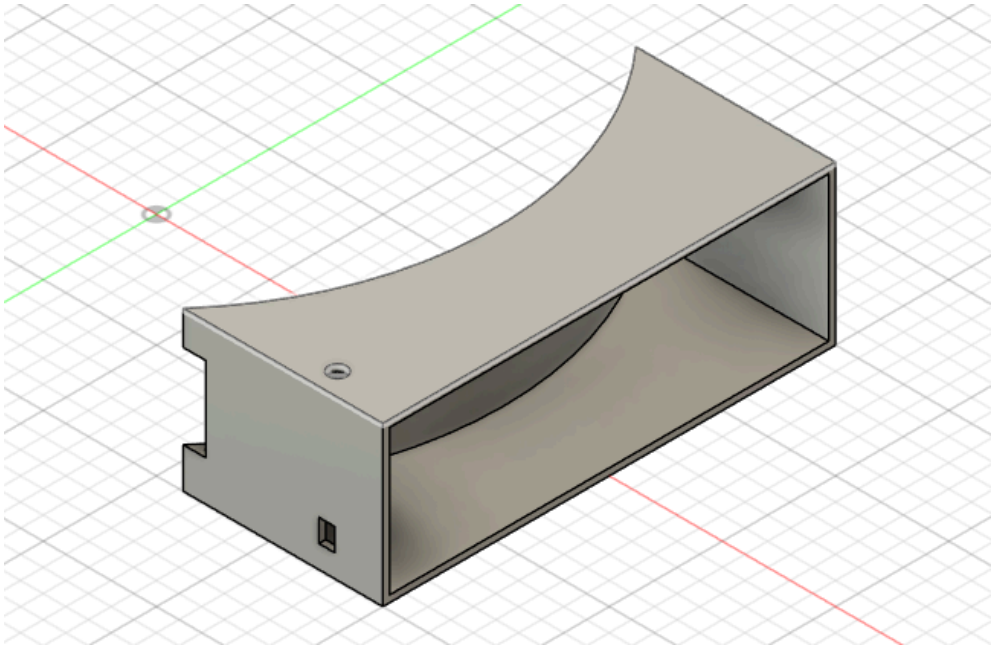
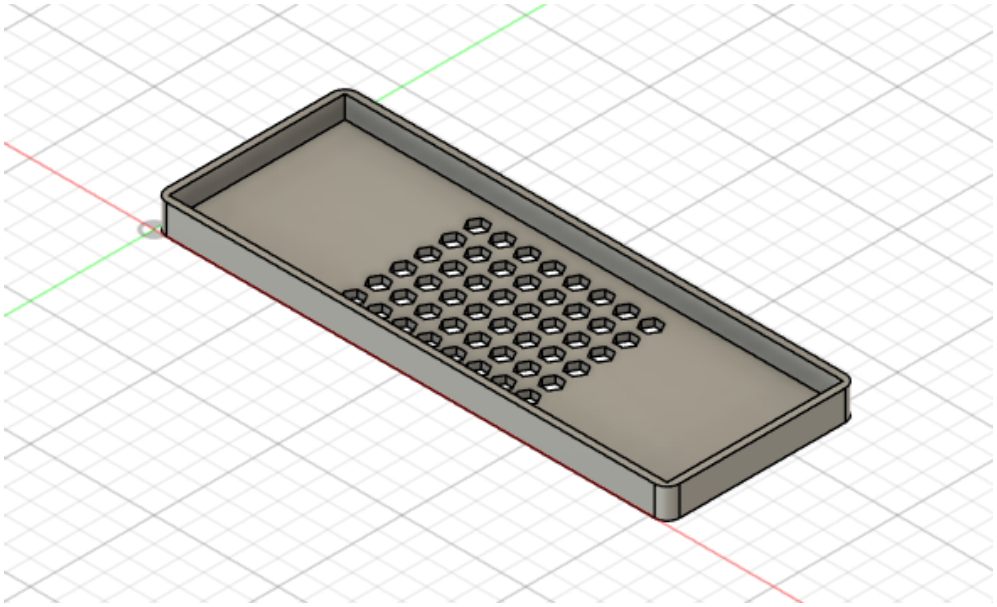
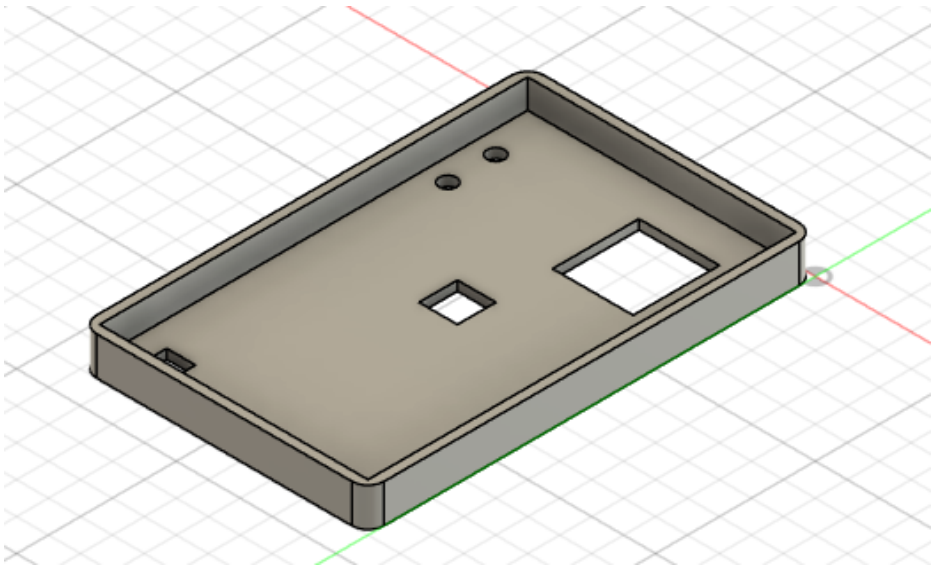
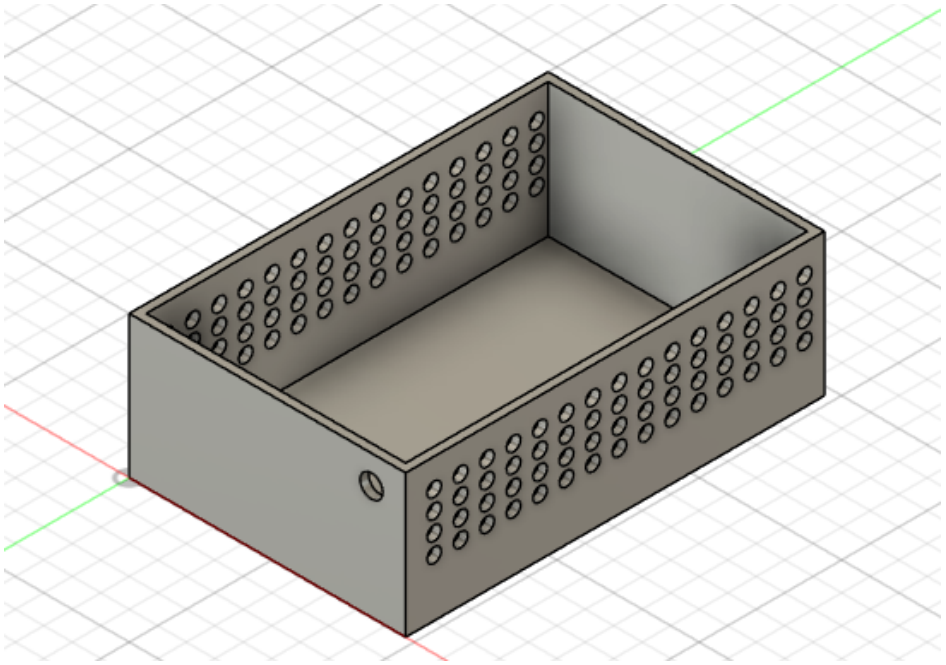
iii) East Direction Orientation

```
---- Packet Received ----
Message: Tree fall East
RSSI: -65
-------------------------
---- Packet Received ----
Message: Tree fall East
RSSI: -65
-------------------------
---- Packet Received ----
Message: Tree fall East
RSSI: -64
```

iv) West Direction Orientation

```
---- Packet Received ----
Message: Tree fall West
RSSI: -63
-------------------------
---- Packet Received ----
Message: Tree fall West
RSSI: -63
-------------------------
---- Packet Received ----
Message: Tree fall West
RSSI: -63
```

v)No Direction= No Event (Base Orientation)

```
---- Packet Received ----
Message: No Event
RSSI: -66
-------------------------
---- Packet Received ----
Message: No Event
RSSI: -68
```

Fusion designs