

# Operational Description

The EUT (Portable Data Terminal) includes two transmission functions which are WLAN and Bluetooth.

## **WLAN Information:**

This device is a Portable Data Terminal which operates in the 2.4GHz frequency spectrum with throughput of up to 54Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT are powered by AC Adapter or battery. The antennas are PIFA antenna and PCB antenna with UFL antenna connector.

For more detailed instruction, please take a look at the user's manual.

## **FHSS Information:**

The transmitter of the EUT (Portable Data Terminal) is powered by AC Adapter and Battery. The antenna is SMD antenna without antenna connector.

This device is a Frequency Hopping device with 79 hopping frequencies.

For more detailed instruction, please take a look at the user's manual.

**Note:** The bluetooth and WLAN functions can transmit simultaneously.