

Operational Description

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

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 radio 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.

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.

GSM Information:

This GSM/GPRS/EGPRS device is a dual-band module, the GSM/GPRS/EGPRS engine that works on the two frequencies GSM 850MHz, GSM 1900MHz.

GPRS/EGPRS feature multi-slot class 12, support higher transmission rates.

GSM is used to transmission data only, it can not provide voice communication.

Note: 1. The bluetooth and WLAN functions can transmit simultaneously.

2. GSM and WLAN functions can't be transmitted simultaneously.

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