1.2. Operational Description

The EUT is WIRELESS HAND WRITE TOUCHPAD DEVICES built-in 2.4GHz transceiver. The operation frequency is from 2402MHz to 2475MHz with QPSK modulation. The signal will be transmitted through 2.4GHz RF signal from the Chip antenna. DC 3V-5V shall be provided for EUT operation.

The design of Yo-pad aims for solving the burden caused by the growing usage of computers, and it integrates and applies various sensing functions to provide users products that are simpler and closer to humanity. In brief, Yo-pad expects to bring computer users the most easy and convenient operation.

Mouse Board : Yo-pad adopts capacitive sensing technology, and it is connected with Windows system through USB. Thus it can replace the standard mouse when using either Desktop computer or Notebook. Furthermore, it also possesses extended functions of horizontal scrolling, vertical scrolling and dragging

Multi-touch : Multi-finger gesture application refers to drawing recognizable tracks on the finger Sensing Pad by fingers as a shortcut for carrying out commands when users execute the application programs. Multifarious operation modes can be reduced, which makes it get up to fast, simple, convenient and humanized operation interface. Functions like scrolling, zoom-in/out, paging and rotation can be the illustrations.

Handwriting Input : As for non-English speaking (single-key input) countries, there are naturally some difficulties for keyboard input. But this product allows users to write on the touch board as the input tool directly to achieve the purpose of smoothness and swiftness. It supports Multilanguage handwriting input, in which traditional Chinese, simplified Chinese, Cantonese character set, Japanese, Korean, English characters, numeric symbols are included.

Numeric Pad : The dimension of the sensing area of Yo-pad is equivalent to the average Key-pad, and through the printing and tactile vibration or voice feedback function of the board, correct input efficiency of operating numeric and directional keys can be provided to users.

Wireless Transmission : Yo-pad can carry out information transmission with the host through three different interfaces: 1. USB Cable Wire Transmission 2. RF 2.4G Radio Frequency Transmission. Users can easily select any of them according to the installation or operating distance of the host.