1.1. Operational Description

EUT is a Wireless Gateway with 11 channels. This device provided four kind of transmitting speed 1,2,5.5 and 11Mbps. The device of RF carrier is DQPSK, DB PSK and CCK.

The device adapts direct sequence spread spectrum modulation. The Soldered on PCB antenna provides diversity function to improve the receiving function. Data can be transmitted by the radio signal connect to the Internet or Local network.

This Wireless Gateway is an IEEE 802.11b Wireless LAN adapter. It allows your computer to connect to a wireless network and to share resource, such as files or printers without being bound to the network wires. Operating in 2.4GHz Direct Sequence Spread Spectrum (DSSS) radio transmission, the Wireless Wireless Gateway transfers data at speeds up to 11Mbps. Both Ad-Hoc and Infrastructure mode are supported. For network security concern, 64/128-bit Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any 802.11b networks.