1.1. Operational Description

EUT is a PCMCIA Wireless LAN Card 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 SMD antenna was Soldered on PCB provides diversity function to improve the receiving function. The PCMCIA interface provides the connection to pc for data can be transmitted by the radio signal connect to the Internet or Local network.

This Wireless LAN Card is an IEEE 802.11b PCMCIA Wireless LAN Card adapter. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direst Sequence Spread Spectrun (DSSS) radio transmission, the Wireless LAN Card transfers data at speeds up to 64/128-bit Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any 802.11b network.