

1.1. Operational Description

EUT is a Wireless LAN PC 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(IEEE 802.11b) or eight kinds of transmitting speed 6, 9, 12, 18, 24, 36, 48 and 54Mbps, The device of RF carrier is OFDM(IEEE 802.11g).

The device adapts direct sequence spread spectrum modulation. The printed antenna was provides diversity function to improve the receiving function.

This Wireless LAN PC Card compliant with IEEE 802.11b and IEEE 802.11g is a high-efficiency Wireless LAN 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 Spectrum (DSSS) radio transmission, the Wireless LAN PC Card Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any 802.11b and IEEE 802.11g network.