## 1.1. Operational Description

EUT is a Wireless LAN Access Pointwith 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 connector antenna provides diversity function to improve the receiving function. Data can be transmitted by the radio signal connect to the Internet or Local network.

- High-Speed transfer rate of up to 11 Mbps
- Interoperable with IEEE 802.11b (DSSS) 2.4GHz-compliant equipment
- Long operating range supports 150m (indoor) and 500m (outdoor)
- Adjustable antennas near the front panel provides for better access angle
- Wireless access point client & bridging operational mode
- MAC address filtering, IP filtering, DHCP client, and SNMP configuration utility password protection
- 128-bit hardware WEP supported
- 4 port 10/100Mbps Ethernet Switch for wired LAN access
- Compatible with virtually all major operating systems