2.2 OPERATIONAL DESCRIPTION

The EUT is Mini PCI interface and powered by PC System. This EUT has three type antenna and non-simultaneously connect in PCB. The final test is chose 5dBi antenna and 2.5dBi antenna. The other instruction, please look at user manual.

This is a digital transmission system (DTS) and have five type of modulation DSSS, DBPSK, DQPSK, OFDM, CCK. The data rate are 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54Mbps

The equipment enables high-speed access without wires to network assets. This adapter uses the IEEE 802.11g protocol to enable wireless communications between the host computer and other computers.

2.3 TEST MODES & EUT COMPONENTS DESCRIPTION

The EUT will certification with three antenna. The final test is chose 5dBi antenna and 2.5dBi antenna for final test.

Antenna List

Antenna Type	Antenna Gain	Manufacturer	Model Number
1/4 Swivel Dipole Antenna	5dBi	FULL RISE ELECTRONIC., LTD.	AN-G1-XDC
1/4 Swivel Dipole Antenna	2dBi	WANSHIH ELECTRONICS., LTD.	WSS002
Swivel Access Point Antenna	2.5dBi	ARISTOTLE ENTERPRISES	RFA-02-TC0A2-RG174-600

Test Mode (Antenna Gain 5dBi)	Mode 1	Mode 2
	802.11b: 11Mbps	802.11g: 54Mbps

Test Mode (Antenna Gain 2.5dBi)	Mode 3	Mode 4
	802.11b: 11Mbps	802.11g: 54Mbps