1.2. Operational Description

EUT is a Wireless LAN PCMCIA 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 scolded 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 Wireless LAN PCMCIA 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.

1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	Power Cord
(1)	Notebook	Dell	PP01L	N/A	N/A
(2)	Monitor	ADi	CM703	038054T10204018 A	Shielded, 1.8m
(3)	Keyboard	HP	SK-2502	M971237059	N/A
(4)	USB Mouse	Logitech	M-UE55	LTC93813271	N/A
(5)	Speaker	IBM	Speaker (NW)	024213	N/A
(6)	Microphone	DYNAMIC	DM-35	N/A	N/A
(7)	Modem	ACEEX	2814	960018054	N/A
(8)	Printer	HP	C2642A	MY75J1D1D0	Non-Shielded, 0.7m

Signal Cable Type		Signal cable Description
A.	VGA Cable	Shielded, 1.8m, two ferrite core bonded
B.	USB Mouse	Shielded, 1.0m
C.	Keyboard Cable	Shielded, 1.8m
D.	Speaker Cable	Non-shielded, 1.8m
E.	Microphone Cable	Non-shielded, 2.8m
F.	Modem Cable	Shielded, 1.5m
G.	Printer Cable	Shielded, 1.2m