

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	:	Wireless LAN PC Card
Trade Name	:	W-Link
FCC ID.	:	PSL-WEN-2012
Model No.	:	WEN-2012, DW-650C, WL-650C
Frequency Range	:	2412MHz to 2462MHz
Channel Number	:	11
Frequency of Each Channel (Working Frequency)	:	Channel 01: 2412MHz Channel 07: 2442MHz Channel 02: 2417 MHz Channel 08: 2447MHz Channel 03: 2422 MHz Channel 09: 2452MHz Channel 04: 2427MHz Channel 10: 2457MHz Channel 05: 2432MHz Channel 11: 2462MHz Channel 06: 2437MHz
Type of Modulation	:	Direct Sequence Spread Spectrum
Channel Control	:	Software

1.1.2 Operation Description

The EUT is Wireless LAN PC Card. Four kind of transmission speed 1,2,5.5 and 11Mbps were provide by this RF module. The modulation of RF carrier are DQPSK, DBPSK and CCK. A extender was used during the test to prove the PCMCIA card can pass all the regulation alone. Self-shielding and on board power regulator were built in the EUT.

Direct sequence spread spectrum modulation was adopted by this module. Two dipole antenna provide diversity function to improve the receiving function of module. Data can be transmitted by the radio signal connect to Internet or local network.

Note:

1. 4 kinds of transmission speed 1, 2, 5.5 and 11Mbps were selected as test mode.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
3. The receiver part was tested in report "017H009F" subjected to Part 15 paragraph 15.5.