

## 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 01: 2412MHz	Channel 07: 2442MHz
Channel	Channel 02: 2417 MHz	Channel 08: 2447MHz
(Working Frequency)	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.