

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	:	Wireless LAN Card
Trade Name	:	PESI
FCC ID.	:	PQP-WP222MF00001
Model No.	:	WP222M
Frequency Range	:	2412MHz to 2462MHz
Channel Number	:	11
Frequency of Each Channel	:	Channel 01: 2412MHz                      Channel 07: 2442MHz
(Working Frequency)	:	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
Selection of Operating Frequency	:	Auto
Antenna type	:	Soldered on PCB

Note:

1. This device is a 2.4GHz Wireless LAN Card interface included a 2.4GHz receiving function, a 2.4GHz transmitting function.
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. This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 023H003F under Declaration of Conformity.

### 1.2. Operation Description

The EUT is Wireless LAN Card. This RF module provided three kinds of transmission speed 2,5.5 and 11Mbps. The modulations of RF carrier are DQPSK and CCK. An 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.

This module adopted direct sequence spread spectrum modulation. Data can be transmitted by the radio signal connect to Internet or local network.