1. GENERAL INFORMATION

1.1. EUT Description

Product Name	:	Access Point
Trade Name	:	ASKEY
FCC ID.	:	H8NRTW030
Model No.	:	RTW030
Frequency Range	:	2412MHz to 2462MHz
Channel Number	:	11
Chip Rate	:	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Type of Modulation	:	Direct Sequence Spread Spectrum
Antenna type	:	Internal permanently on board.
Operator Selection of Operating Frequency	:	By software
Power Adapter	:	DELTA, ADP-12SB, URD0136053188 Non-shielded, 1.6m
Power Cord	:	Non-shielded, 1.8m

Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 1:	2412 MHz	Channel 2:	2417 MHz	Channel 3:	2422 MHz
Channel 4:	2427 MHz	Channel 5:	2432 MHz	Channel 6:	2437 MHz
Channel 7:	2442 MHz	Channel 8:	2447 MHz	Channel 9:	2452 MHz
Channel 10:	2457 MHz	Channel 11:	2462 MHz		

Note:

1. This device is a 2.4GHz Access Point included a 2.4GHz receiving function, a 2.4GHz transmitting function for the desktop/ laptop computers. Direct Sequence device with 11 channels.
2. Regards to the frequency band operation; two rate that were included the lowest、middle and highest frequency of channel were selected to perform the test, then shown on this report.
3. 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.
4. 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 022H041F under Declaration of Conformity.

1.2. Operational Description

EUT is a spread spectrum 2.4 GHz wireless access point which follows IEEE 802.11b. 11 channels were provided by EUT. The max transmission speed is 11Mbps with CCK, DQPSK and DBPSK modulation. This device provided four kind of transmitting speed 1,2,5.5 and 11Mbps.

The device adapts direct sequence spread spectrum modulation. The dual monopole antenna printed on PCB provides diversity function to improve the receiving function. Data can be transmitted by the radio signal connect to the Internet or Local network.