

1.2. Operational Description

This device is a Notebook P.C. include 2.4GHz DSSS technology wireless LAN card inside. The wireless LAN card employ 11 channels for functional requirement. 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 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.

1. GENERAL INFORMATION

1.1. EUT Description

Product Name : Notebook P.C.
 Trade Name : ASUS
 FCC ID. : MSQS1000RF
 Model No. : S1XXX
 Frequency Range : 2412MHz to 2462MHz
 Channel Number : 11
 Type of Modulation : Direct Sequence Spread Spectrum
 Antenna type : Connector
 Operator Selection of Operating Frequency : By software

Frequency of Each Channel:

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

Note:

- This device is a Notebook P.C. include 2.4GHz DSSS technology wireless LAN card inside. The wireless LAN card employee 11 channels for functional requirement.
- The model number: S1XXX, all "X" means the following:
 - ◇ The first "X" refers LCD panel size. (X=0~9/A~Z/-)
 - ◇ The second and third "X" refers CPU speed. (X=0~9/A~Z/-)
- 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.
- 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.
- 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 022L025F under Declaration of Conformity.
- Quietek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as: