

**Section 15.247-(a1)**

The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

**Section 15.247-(g)**

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

**Section 15.247-(h)**

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

**Note:**

1. 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.
2. Regards to the frequency band operation, the lowest middle and highest frequency of channel were selected to perform the test then shown on this report.
3. This device is a composite device in accordance with Part 15 paragraph 15.5. The function for the receiver was measured and made a test report that the report number is 027L008F under Declaration of Conformity..
4. QuietTek had verified among construction and function in typical operation, then shown in this test report.

## **1.2. Operational Description**

EUT is an USB interface Bluetooth USB Pen with 79 channels.

This device provides wireless technology that revolutionizes personal connectivity. It is the solution for the seamless integration of Bluetooth technology into personal computer enabling short-range wireless connections between desktop/laptop computers. Bluetooth-enabled peripherals (printers, faxes, ..), portable handheld devices, and connectivity to the Internet.