



Federal Communications Commission
Authorization and Evaluation Division

Date: 03-06-2026

Confidentiality Request regarding application for certification of
FCC ID : 2BAK4LINKTAG20

Subject: FCC Part 15.247 Declaration of Compliance for Frequency Hopping System FCC

To Whom It May Concern:

We, [MIRATEK INCORPORATION], hereby declare that the equipment bearing the FCC ID specified above is a Frequency Hopping Spread Spectrum system and complies with the requirements of FCC Part 15.247(a)(1), (g), and (h).

1. EUT Pseudo-Random Frequency Hopping Sequence According to FCC Part 15.247(a)(1), the system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo-randomly ordered list of hopping frequencies.

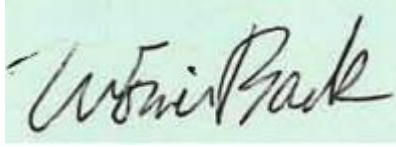
2. Equal Hopping Frequency Use We declare that each frequency in the hopping sequence is used equally on average by the transmitter.

3. System Receiver Input Bandwidth and Synchronization We declare that the system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters. Furthermore, the receivers shift frequencies in synchronization with the transmitted signals.

4. Compliance with FCC Part 15.247 (g) and (h)

- **Compliance with 15.247(g):** The system, consisting of both the transmitter and the receiver, is designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. The system also complies with the definition of a frequency hopping system and distributes its transmissions over the minimum number of hopping channels specified when employing short transmission bursts.
- **Compliance with 15.247(h):** The incorporation of intelligence within this system that permits it 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. However, we declare that this system does not coordinate with other frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters.

If you have any questions regarding this declaration, please do not hesitate to contact us.
Sincerely,

A handwritten signature in black ink on a light green rectangular background. The signature is written in a cursive, flowing style and appears to read "Won In Baek".

Won In Baek / R&D Manager
MIRATEK INCORPORATION