

Letter of Declaration on Subordinate Indoor Device (6PP) Operation

Federal Communications Commission

Authorization and Evaluation Division

7435 Oakland Mills Road Columbia, MD 21046

FCC ID: 2BH7FBE550V2

To Whom It May Concern

We, **TP-Link Systems Inc.** (*Address: 10 Mauchly, Irvine, CA 92618*), attest that this Subordinate Indoor Device complies with the following requirements of Part 15E of the FCC's rules for the 5.925~7.125 GHz band:

Protocol attestation statement:

1. This device will always be under the control of a low-power indoor AP and will only initiate brief messages to be under the control of an indoor low-power AP. These brief messages will only occur if the subordinate has detected a low-power indoor AP operating on a channel. These brief messages will have a time-out mechanism such that if it does not receive a response from an AP it will not continually repeat the request.
2. Once under control of an indoor access point, a subordinate will initiate connections with clients, other access points, or other subordinate devices at a lower power or equal to the power advertised by the access point controlling the subordinate and never above the maximum output power allowed by the FCC grant for equipment class 6PP.
3. An 11ax/be IEEE device's transmit power envelope element has information fields for power limits for connecting client/subordinate devices. The TPE information is embedded in this device's signals and used to tell the connecting clients/subordinate that the max TX powers it is allowed to transmit. There is a regulatory info field in this device's beacon and probe response frames which detail this device type when the client/subordinate associates to this device.

Statement acknowledging device restrictions:

1. This device operating in the 5.925-7.125 GHz band is supplied power from a wired connection, has an integrated antenna, is not battery-powered, and does not have a weatherized enclosure.
2. This device's operation will not be allowed on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet only in the 5.925-6.425 GHz band.
3. This device is prohibited for control of or communications with unmanned aircraft systems, including drones.

4. When configured for subordinate mode, this device has no direct connection to the internet.

Sincerely,

Sarah Wang

Name: Sarah Wang

Position: Regulatory Compliance Manager

Date: 2024-09-21