

NETGEAR, INC.

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Date: 2020/12/16

To: Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD

FCC ID: PY320300508

To Whom It May Concern:

We, [NETGEAR, Inc.](#), attest that this device under FCC ID PY320300508 complies with device protocol requirements and operational restrictions: for Indoor Access Point 6ID.

1. Protocol attestation statement:

The device designs meet the IEEE requirements of sending regulatory info in TPE.

- An 11ax IEEE AP's TPE element has information fields for EIRP/PSD limits for connecting client devices. The TPE information is contained in the AP signals (e.g., beacon, probe response, FILS Discovery frames and the Reduced Neighbour Report element) and used by connecting clients to ensure that it knows the regulatory TX powers it is allowed to transmit at.
- In addition there is a "regulatory field" in the AP beacon and probe response frames which details the AP type when the client associates to the AP.
- Both the "regulatory field" and the TPE element are included in the same message and both are mandatory for IEEE devices.
- At association an 11ax client device will always know what type of AP it is connecting to.

2. Statement acknowledging device restrictions:

- a. Low-power indoor Access Point. Access Point operating in the 5.925-7.125 GHz band shall be supplied power from a wired connection, has an integrated antenna, is not battery powered, and does not have a weatherized enclosure.

- b. 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.
- c. Indoor access points are prohibited for control of or communications with unmanned aircraft systems, including drones.

If you have any question or concerns, pls. contact us.

Sincerely,

A handwritten signature in black ink that reads "David Kay". The signature is written in a cursive style with a large, looped "D" and a stylized "K".

David Kay / Regulatory Compliance Director
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