

NETGEAR, INC.

350 East Plumeria Drive, San Jose, CA 95134, USA
Tel:408-890-3657/Fax:408-907-8097

Date: 2020/12/14

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

FCC ID: PY321200536

To Whom It May Concern:

We, NETGEAR, Inc., attest that has four devices Perseverance, Ingenuity, Phobos and Deimos under FCC ID: PY321200536 complies with device protocol requirements and operational restrictions, Perseverance and Ingenuity is Indoor Access Point devices (6ID) and Phobos and Deimos is indoor Subordinate devices (6PP).

1. Protocol attestation statement:

a) For Perseverance and Ingenuity Indoor Access Point devices (6ID):

The method used by this indoor access point to control the associated client/subordinate power control is as follows: An 11ax IEEE AP's Transmit Power Envelope element has information fields for Power/PSD limits for connecting client/subordinate devices. The TPE information is contained in this device signals and used by connecting client/subordinate to ensure that it knows the regulatory TX powers it is allowed to transmit at. There is a regulatory info field in this device beacon and probe response frames which details this device type when the client/subordinate associates to this device.

b) For Phobos and Deimos Indoor Subordinate devices (6PP)

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, this device 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 this device and never above the maximum output power allowed by the FCC grant for equipment class 6PP.

3) The method this device uses to inform the associated client/subordinate of its permitted maximum power is the same as described in point a) above

2. Statement acknowledging device restrictions:

a. This device is 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. This device is prohibited for control of or communications with unmanned aircraft systems, including drones.

d. For Phobos and Deimos Subordinate device (6PP) ,that device has no direct connection to internet.

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 and is positioned above a horizontal dashed line.

David Kay / Regulatory Compliance Director

Tel: 4088903657

Fax: 4089078097

E-mail: david.kay@netgear.com