Plume Design, Inc
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Attestation

We, Plume Design Inc, attest that this device under FCC ID: 2AG7G-J1A complies with device protocol requirements and operational restrictions: for Indoor Access Point 6ID

The device design and technologies used meet the IEEE requirements for sending the regulatory information within the Tx Power Envelope (TPE).

- The TPE element of an 802.11ax IEEE AP signal includes the EIRP/PSD information fields that define limits for connecting the client devices. The TPE information is contained in AP signals, such as beacons and probe responses, FILS discovery frames, and Reduced Neighbor Report element. When connecting the clients, TPE ensures that each client's Tx power is limited in accordance with the regulatory demands for transmission power.
- A “regulatory field” in the AP beacon and probe response frames details the AP type when a client associates with the AP.
- “Regulatory field” and TPE element are included in the same message. Both are mandatory for the IEEE devices.
- An 802.11ax client device always knows what type of an 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.

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