

# Zyxel Communications Corporation

No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan

Date: April 6, 2023

Federal Communications Commission  
7435 Oakland Mills Rd  
Columbia MD 21046-1609

Subject: Declaration letter for Indoor Subordinate 6PP  
FCC ID: I88WX5610-B0

To whom it may concern:

We, Zyxel Communications Corporation, attest that this device under FCC ID I88WX5610-B0 complies with device protocol requirements and operational restrictions: for Indoor Subordinate 6PP.

1. Device Protocol Attestation Statement:

- a. 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.

- b. 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
- c. Statement describing the method the subordinate uses to inform the associated client/subordinate of its permitted maximum power.

The method this device uses to inform the associated client/subordinate of its permitted maximum power is as follows:

An 11ax IEEE AP's Transmit Power Envelope element has information fields for power 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 power 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.

# Zyxel Communications Corporation

No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan

2. Statement acknowledging device restrictions:

- a. This device is supplied power from a wired connection, has an integrated antenna, is not battery-powered, and does not have a weatherized enclosure.
- b. The operation of this device will not be allowed on oil platforms, cars, trains, boats, and aircraft, except that this device's operation 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. This device has no direct connection to the internet.



---

**Emma Bao** / Manager

Zyxel Communications Corporation

Tel: 886 3 578-3942 # 88582

E-mail: Emma.bao@zyxel.com.tw