

# CONTEC CO., LTD.

3-9-31, HIMESATO, NISHIYODOGAWA-KU, OSAKA 555-0025, JAPAN

Date:06 December 2024

FCC ID: PQRFXE5000-US

**To the attention of:**

Federal Communications Commission  
Authorization and Evaluation Division

## Declaration Letter for Low Power Indoor Access Points (6ID)

We, **CONTEC CO., LTD.**, attest that this device under **FCC ID: PQRFXE5000-US** complies with device protocol requirements and operational restrictions for Indoor Access Point Devices (6ID).

- a) 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 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) We, the grantee, will document the physical restrictions associated with the equipment classes for host products (wired power, integral antenna, non-weatherized enclosure) as conditions-of-use through the host manufacturer's integration instructions.
- c) We acknowledge this device is subject to and in full compliance with the device restrictions listed below. All users are notified of these restrictions through the user manual.
  - 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.
  - 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.
  - This device is prohibited for control of or communications with unmanned aircraft systems, including drones.
- d) This device employs a Contention-Based Protocol as demonstrated in the test report. It is permanently embedded in the module and is not host-dependent.

If you should have any questions regarding this declaration, please do not hesitate to contact us, thank you!

Sincerely yours,



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