



研華股份有限公司

Advantech Co., Ltd.

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Federal Communications Commission

Authorization and Evaluation Division

7435 Oakland Mills Rd

Columbia MD 21046-1609

Date: June 2, 2026

Subject: Letter of Declaration on Wi-Fi 6 GHz band Operation

To whom it may concern:

We, Advantech Co Ltd, attest that this device under FCC ID **M82-AIW-172** complies with device protocol requirements and operational restrictions: for

- Contention-Based Protocol, as demonstrated in the test report, is permanently embedded in the module and is not host-dependent.
- We, Advantech Co Ltd, 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 manufacture's integration instructions.

For 6 GHz Low Power Indoor Client (6XD)

1. Device Protocol Attestation Statement:

- a. This device will only associate and connect with a low-power indoor access point or subordinate device and never directly connect to other client devices.
- b. This device will always initiate transmission under the control of a low-power indoor AP or subordinate except for brief transmissions before joining a network. These short messages will only occur if the client has detected an indoor AP or subordinate 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.
- c. Transmissions will be lower or equal to the power advertised by the indoor low-power access point or subordinate and never above the maximum output power allowed by the FCC grant for equipment class 6XD.

2. Understanding of Statement acknowledging device restrictions:

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

The integration manual supplied with this module contains all applicable indoor use restrictions and operational restriction warnings to notify the host integrator.

We, Advantech Co Ltd, will document the physical restrictions associated with the equipment classes for host products (wired power, integral antenna, non-weatherized enclosure) as



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conditions-of-use through the host
manufacture's integration instructions.

Applicant : Advantech Co Ltd

Address : No. 1, Alley 20, Lane 26, Rueiguang Road, Neihu District, Taipei 114, Taiwan

Signature :

A handwritten signature in black ink, appearing to read "Lily Huang", written over a horizontal line.

Name and Job Title : Lily Huang, Manager

E-mail : Lily.Huang@advantech.com.tw

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Sincerely,