vantiva
Pushing the edge

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Rd
Columbia MD 21046-1609

Date: July 25, 2023

Subject: Letter of Declaration on LPI Operation
FCC ID: G95OWA7111
Product Name: Wi-Fi 6E Extender

To whom it may concern:

We the undersigned, hereby attest that this device complies with the following requirements of Part 15E of the FCC's rules for the 6GHz bands:

For Indoor Subordinate (6PP)

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.) the transmission will be lower or equal to the power advertised by the indoor low-power access point or subordinate.

An IEEE 802.11ax Access Point'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.

d.) The installation guide will include 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.

e.) This device will not be used for control of or communications with unmanned aircraft systems, including drones.

f.) This device has no direct connection to the internet.

g.) This subordinate operates in the 5.925-7.125 GHz band. It is supplied power directly from a wired connection, has an integrated antenna, is not battery-powered, and does not have a weatherized enclosure.

For Low-power indoor access points (6ID)

a.) An IEEE 802.11ax Access Point'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.

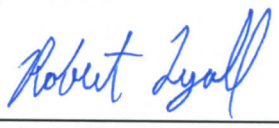
b.) The statement acknowledging device restrictions:

i. This AP is power from a wired connection, has an integrated antenna, is not battery powered, and does not have a weatherized enclosure.

ii. This AP 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.

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

Sincerely,

Applicant	: Vantiva USA LLC
Address	: 4855 Peachtree Industrial Blvd. Suite 200, Norcross Georgia 30092, United States
Signature	: 
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