SONOS

Date: 5/23/2024

Federal Communications Commissions
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

RE: Part 15 Subpart E U-NII 6GHz Attestation Letter

To whom it may concern:

We, Sonos, attest that this device under FCC ID: SBVRM055 complies with the device protocol requirements and operational restrictions noted in Part 15E of the FCC's rules for 6GHz bands for Indoor Access Client 6XD:

a. The 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.
d. A contention-based protocol is used to avoid co-channel interference with incumbent devices sharing the band, as demonstrated inside the test report. The CBP mechanism is embedded within the radio and independent of the host. The integration manual supplied with this radio contains all applicable indoor use only and operational restriction warnings to notify the host integrator.
e. The device utilizes bandwidth reduction capability and intentionally reduces the channel bandwidth to allow for continued connection on the set channel during times of network traffic congestion.
f. The device is prohibited for control of or communications with unmanned aircraft systems, including drones.
g. 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.

Sincerely,

Jeff Jenneve

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