

StreamUnlimited Engineering GmbH

Letter of Declaration on Indoor Access Point (6XD) Operation

Date: 2024-03-13

Federal Communications Commission
Authorization and Evaluation Division

FCC ID: 2AJYB-S1955XE

IC ID: 20504-S1955XE

To Whom It May Concern

We, **StreamUnlimited Engineering GmbH** (Address: *StreamUnlimited Engineering GmbH, Gutheil Schoder Gasse 10, Vienna A1100, Austria*), attest that this Indoor Access Point device complies with the following requirements of Part 15E of the FCC's rules for 6G bands:

Protocol attestation statement:

FCC ID: 2AJYB-S1955XE

IC ID: 20504-S1955XE

To Whom It May Concern:

Indoor Client 6XD:

We, **StreamUnlimited Engineering GmbH** that this low-power indoor access point complies with the following requirements of Part 15E and RSS-248 of the FCC' rules for the 5.925~6.525 GHz band:

1. Device Protocol Attestation Statement:

- a. Contention-Based Protocol, as demonstrated in the test report, is permanently embedded in the module and is not host-dependent.
- b. 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.
- c. 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.
- d. 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.
- e. Statement for modules only: Contention-based protocol as demonstrated in the test report is permanently embedded in the module and is not host-dependent.

2. Understanding of Statement acknowledging device restrictions:

- a. Prohibited for control of or communications with unmanned aircraft systems, including drones.

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3. Low-power indoor access points and indoor subordinate devices shall bear statements acknowledging both of the following restrictions in the user manual and, where feasible, in a conspicuous location on the device:

- Operation shall be limited to indoor use only.
- Operation on oil platforms, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).

----- Christoph Apel -----
Grantee Contact's Signature

StreamUnlimited Engineering GmbH

