motorola

Ref: KDB 987594 D01 U-NII 6GHz General Requirements

Motorola Mobility LLC attests that this client device, FCC ID: IHDT56AS8, FCC ID: IHDT56AS9 complies with device protocol requirements and operational restrictions: for indoor client 6XD and limits on Contention Based Protocol (CBP).

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.

1. 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.

2. 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.

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

The device shall comply with the limits within the Contention Based Protocol for channel puncturing, recognizing it is not allowed as a method of incumbent avoidance.

1. The equipment only punctures to optimize network performance and never to avoid licensed Incumbents.

2. If a licensed incumbent is detected, the equipment will, dependent on Pri20, use either bandwidth reduction or suspend all TX including control frames for avoidance.

3. If a channel is punctured in order to optimize network performance, it will continue to use CBP in the punctured region

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