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Attestation Statement (Equipment Class DTS and DSS – Bluetooth/WiFi)

This device contains an embedded Bluetooth device and WiFi device that are compliant with the applicable FCC Part 15C and ISED RSS 247 regulations.

Part 15.247 (a)(1) / RSS 247 Section 5.1

- The hopping sequence must be pseudo random.
- Each frequency must be used equally on the average by each transmitter
- The receivers input bandwidth is approximately equal to the transmit bandwidth
- The receiver hops in sequence with the transmitted signal

Part 15.247 (g) / RSS 247 Section 5.1

- The system is designed to comply with all of the regulations in this section when the transmitter is presented with a continuous data (or information)

Part 15.247(h) / RSS 247 Section 5.1

- The system does not coordinate its channel selection/hopping sequence with other frequency hopping systems for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters.

Name: Ross Ripley
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Date: 7/31/2024

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BT and WIFI 2.4GHz / 5GHz Declaration

To whom it may concern,

This is a Bluetooth/WIFI 2.4GHz / 5GHz combination antenna with **FCC/IC ID: AZ489FT7149/109U-89FT7149**. This Bluetooth/WIFI 2.4GHz / 5GHz co-existence mechanism is to ensure that the Bluetooth and WIFI 2.4GHz / 5GHz transmitters would not simultaneously operate. Therefore, Bluetooth and WIFI 2.4GHz / 5GHz antennas in **FCC/IC ID:AZ489FT7149/109U-89FT7149** should not be considered to be able to transmit simultaneously.
Though the users can use Bluetooth and WIFI 2.4GHz / 5GHz simultaneously, the real situation is that Bluetooth and WIFI 2.4GHz / 5GHz are used by time sharing and no overlap transmission.
Should you have any questions, please have my best attention.

Sincerely yours,

Name: Sean Cadogan
Title: Engineering Manager
Tel: (954) 605-3798
E-mail: sean.cadogan@motorolasolutions.com
Date: 7/31/2024

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WLAN Channels and Mode Declaration

We, **Motorola Solutions, Inc.**, declare that the device, **FCC ID: AZ489FT7149**, does not support any non-US channels in the operational mode in the US market. All non-US frequencies, US 2.4G channel 12-13 and Country code selection are disabled through proprietary software and are not user changeable.
For ISED with **IC: 109U-89FT7149**, the device operating in 5600-5650MHz band shall be disabled.

Should you have any question or comment regarding this matter, please do not hesitate to contact me.

Sincerely yours,

Name: Ross Ripley
Title: Engineering Manager
Tel: (847) 219-1130
E-mail: ross.ripley@motorolasolutions.com
Date: 7/31/2024

MOTOROLA SOLUTIONS

DTS-UNII Device Declaration Letter

To whom it may concern,
We have declared below featured for FCC equipment authorization,
Device FCC ID: **AZ489FT7149**

(1) DFS Device -- ☐ Master ☐ Client with Radar detection capability ,
☒ Client without radar detection capability ☐ N/A

(2) Active / Passive Scanning , ad-hoc mode access point capability

Frequency Band (MHz)	Active Scanning (the device can transmit a probe (beacon))	passive scanning (where the device is can listen only with no probes)	Ad Hoc Mode or WIFI Direct capability	Access point capability
5150-5250	☒ Yes , ☐ No	☒ Yes , ☐ No	☒ Yes , ☐ No	☒ Yes , ☐ No
5250-5350	☐ Yes , ☒ No	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No
5470-5725	☐ Yes , ☒ No	☒ Yes , ☐ No	☐ Yes , ☒ No	☐ Yes , ☒ No
5725-5850	☒ Yes , ☐ No	☒ Yes , ☐ No	☒ Yes , ☐ No	☒ Yes , ☐ No

(3) Country code selection ability - ☐ Yes , ☒ No
If yes, please explain how it was implemented: (please also help to provide detail of options for each country selection)

(4) Meet 15.202 requirement - ☒ Yes, ☐ No,
☐A master device is defined as a device operating in a mode in which it has the capability to transmit without receiving an enabling signal. In this mode it is able to select a channel and initiate a network by sending enabling signals to other devices
☒A client device is defined as a device operating in a mode in which the transmissions of the device are under control of the master. A device in client mode is not able to initiate a network.

(5) For client devices that have software configuration control to operate in different modes (active scanning in some and passive scanning in others) in different bands (devices with multiple equipment classes or those that operate on non-DFS frequencies) or modular devices which configure the modes of operations through software, the application must provide software and operations description on how the software and / or hardware is implemented to ensure that proper operations modes cannot be modified by end user or an installer.
☐ Apply, ☒ No Apply, (If apply, please help to provide explanation on it was implement, and how software was controlled)

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Date: 7/31/2024