

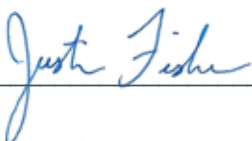
Date: Sept 01, 2022

Justification for Re-use of Radio Test Results

We, Grayshift LLC, believe that the conducted signal test data on original reports provided by the Laird Connectivity Inc. (Wi-Fi Single Module, FCC ID: SQG-LWB5PLUS approved on Nov. 16, 2020 and IC: 3147A-LWB5PLUS approved on Nov. 27, 2020) can be re-used for the following reasons:

1. Applicant has built in the radio module according to the specific radio module integration guides.
2. No changes have been made on radio.
3. Re-test the conducted power for spot check verification, the radiated spurious emission, and re-evaluated the RF Exposure.
4. The product does not have use of Bluetooth and BLE functionality and DFS channels in 5GHz WiFi.

By Grayshift, LLC


Justin Fisher

September 6, 2022

Date

Declaration

To,

TUV Rheinland of North America
12 Commerce Rd
Newtown, CT 06470

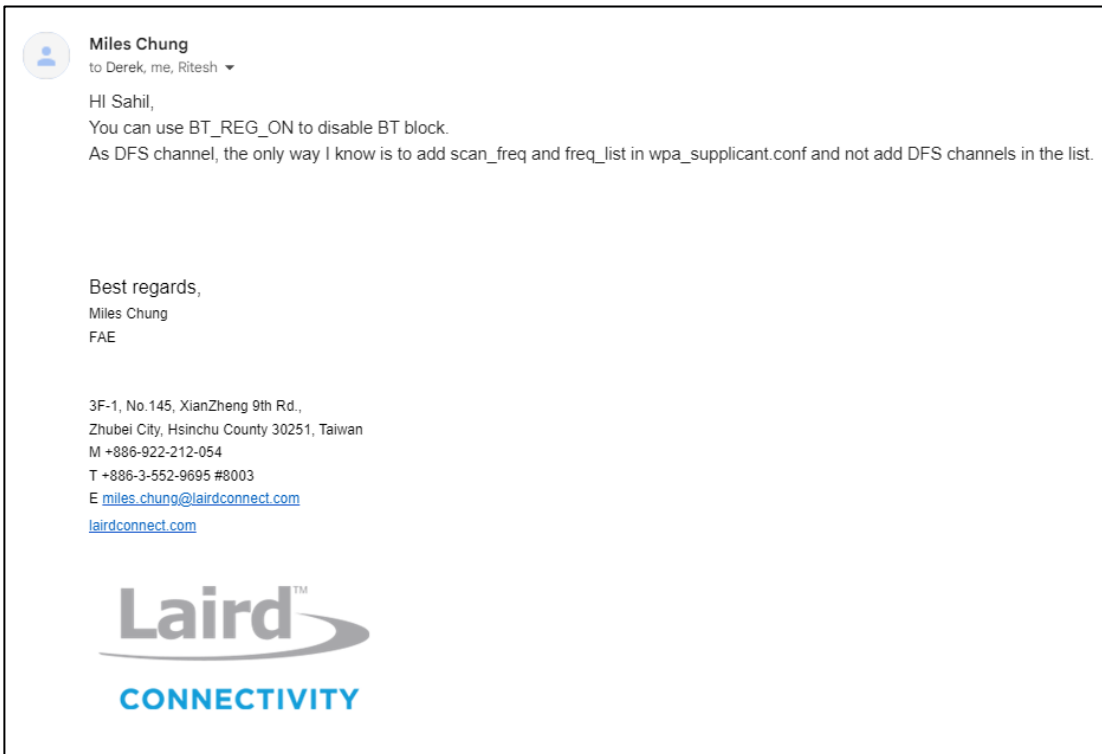
FCC ID: 2AV7EGK02
IC: 26020-GK02

This letter is to confirm that this product does not have use of Bluetooth and BLE functionality and DFS channels in 5GHz WiFi.

As mentioned in the Laird Module datasheet, connecting BT_REG_ON pin to ground will disable Bluetooth. Kindly see t below snapshot from datasheet.

LWB5+ Datasheet						
Laird CONNECTIVITY						
Pin #	Name	Type	Pins map to Chip	Voltage Ref.	Function	If Not Used
31	GPIO_1	I/O	D1	VDDIO	Reserved for feature support Reserved for WL_DEVICE_WAKE. Input from Host to wake up WLAN module.	NC
32	BT_REG_ON	I	C3	VDDIO	Enables Bluetooth regulators. Internal 10K pull-up to enable Bluetooth by default. Ground to disable Bluetooth.	NC

Thank you.



As per the above E-mail snapshot, Module manufacturer Laird Connectivity has suggested a way to disable the DFS channels. We have implemented the same in our Software.

By Grayshift, LLC