

December 14, 2020

Federal Communications Commission
Mills Road
7345 Oakland
Columbia MD 21046

Subject: Request Class II permissive change request
Reference FCC ID: 2AQPLLBEE5HY1MW
Grant Date(s): 02/11/2019

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for the above device.

The following changes are applied to the modified device:

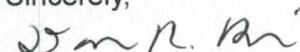
The modular approved RF transceiver with the above FCC ID is mounted on the documented evaluation board with a dedicated antenna trace design from the RF output to an on-board U.FL connector.

A new external dipole antenna (RD2458-5 / Laird Technologies) will be installed.

The Bluetooth functionalities (Basic Rate, Enhanced Data Rates, BLE), the two entire UNII bands 5250-5350 MHz and 5470-5725 MHz, and the 80 MHz mode of UNII bands 5150-5250 MHz and 5725-5825 MHz are disabled via firmware for the usage of this new antenna in any host devices. We assure full control of the proper integration and final host device compliance as we hereby limit the usage/integration to ourselves (change from Modular Approval to Limited Module Approval).

There are no further changes made to the original certified device. There are no changes made to the transmitter circuitry and the above listed changes result in the similar RF characteristics as in the original filing - therefore the not repeated test results continue to be representative of and applicable also to this modified device. There is neither an increase in the output power, nor a change of the RF Exposure condition or equipment class and there are no other changes to the device that indicate a need for a new FCC ID.

Sincerely,



David R. Bild
CTO