



MITSUBISHI ELECTRIC U.S., INC.
 1340 Satellite Blvd. Suwanee, GA 30024
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Date April 4, 2018

Federal Communications Commission
 Equipment Authorization Branch
 7435 Oakland Mills Road
 Columbia, MD 21046

Modular Approval Request

FCC ID: 2AIGCWFB003

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	1DX module used as intentional radiator has an integrated RF shield.	
(b) The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Modulation circuitry is buffered from outside world by Microcontroller	
(c) The module must contain power supply regulation on the module	The WiFi/Bluetooth Interface has an on board power subsystem to make all of the voltage it uses	
(d) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	The WiFi/Bluetooth Interface has both an integrated PCB Antenna and a labelled Connector for an External Antenna.	
(e) The module must demonstrate compliance in a stand-alone configuration	Unit was stand-alone during lab tests.	
(f) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	See photos provided as part of submission	
(g) The module must comply with all	Instructions and warnings are	



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specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	contained in Manual provided as part of submission.	
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Modular approval requirement	Yes (provide brief statement)	No *
(h) The module must comply with RF exposure requirements	Yes	

* Please provide a detailed explanation if the answer is "No."

Yours sincerely,

Name: Rodney Olson
Title: Sr. Director, Controls Engineering