Request for Class II Permissive Change

FCC ID: YE3600-AX200NG Date: 2020/12/28

To: Federal Communication Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MID 21046

Please be notified that we, the undersigned, (**DT Research, Inc.**) declare that the reasons for this Class II permissive change are as below:

--RF module used in this fixed device requires RF exposure evaluation.

-- Host product also contains a DT Research WLAN/BT Module which has been authorized under FCC ID: YE3600-AX200NG dated on 05/25/2020.

--The antenna of the RF module used in this fixed device has been replaced, and the replacement antenna specifications are shown in the following table:

Operation Frequency	Original Antenna types, Antenna Gain	New Antenna types, Antenna Gain
Bluetooth: 2402MHz-2480MHz	PIFA SkyCross Antenna, 3.24dBi	PIFA Antenna, 2.1dBi
Bluetooth LE: 2402MHz-2480MHz	PIFA SkyCross Antenna, 3.24dBi	PIFA Antenna, 2.1dBi
802.11b/g/n/ax: 2412MHz-2472MHz/2422MHz-2462MHz	PIFA SkyCross Antenna, Antenna1:3.24dBi, Antenna2:3.24dBi	PIFA Antenna, Antenna1:1.9dBi, Antenna2:2.1dBi
802.11a/n/ac/ax: 5180MHz-5240MHz, 5190MHz-5230MHz, 5210MHz-5210MHz, 5250MHz-5250MHz, 5260MHz-5320MHz, 5270MHz-5310MHz, 5290MHz-5290MHz, 5500MHz- 5720MHz, 5510MHz-5710MHz, 5530MHz-5690MHz, 5570MHz-5570MHz, 5745MHz-5825MHz, 5755MHz-5795MHz, 5775MHz-5775MHz,	PIFA SkyCross Antenna, Antenna1:5dBi, Antenna2:5dBi	PIFA Antenna, Antenna1:3.1dBi, Antenna2:3.2dBi

-- The RF power of the host product will be reduced by software at the time of production and cannot be adjusted by the end user. And the RF output power of the main antenna in MIMO mode is lower than in SISO mode.

Sincerely,

Print Name: JS Hsu Title: Manager

Signature:

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