Request for Class II Permissive Change

FCC ID: YE3600-SC600TA Date: 2020/5/19

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:

--The technical information of the original module(YE3600-SC600TA) is shown in the following table:

Operation Frequency	Antenna types, Antenna Gain
Bluetooth: 2402MHz-2480MHz	Integrated, 5.0dBi
Bluetooth LE: 2402MHz-2480MHz	Integrated, 5.0dBi
802.11b/g/n: 2412MHz-2462MHz/2422MHz-2452MHz	Integrated, 5.0dBi
802.11a/n/ac: 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz- 5725MHz, 5725MHz-5850MHz	Integrated, 5.0dBi
WCDMA Band II: 1850MHz-1910MHz/1930MHz-1990MHz	External, 4.0dBi
WCDMA Band IV:1710MHz-1755MHz/2110MHz-2155MHz	External, 4.0dBi
WCDMA Band V: 824MHz-849MHz/869MHz-894MHz	External, 4.0dBi
LTE Band 2: 1850MHz-1910MHz/1930MHz-1990MHz	External, 4.0dBi
LTE Band 4: 1710MHz-1755MHz/2110MHz-2155MHz	External, 4.0dBi
LTE Band 5: 824MHz-849MHz/869MHz-894MHz	External, 4.0dBi
LTE Band 7: 2500MHz-2570MHz/2620MHz-2690MHz	External, 4.0dBi
LTE Band 12: 699MHz-716MHz/729MHz-746MHz	External, 4.0dBi
LTE Band 13: 777MHz-787MHz/746MHz-756MHz	External, 4.0dBi
LTE Band 14: 788MHz-798MHz/758MHz-768MHz	External, 4.0dBi
LTE Band 17: 704MHz-716MHz/734MHz-746MHz	External, 4.0dBi
LTE Band 25: 1850MHz-1915MHz/1930MHz-1995MHz	External, 4.0dBi
LTE Band 26: 814MHz-824MHz/859MHz-869MHz	External, 4.0dBi
LTE Band 26: 824MHz-849MHz/869MHz-894MHz	External, 4.0dBi
LTE Band 41: 2496MHz-2690MHz/2496MHz-2690MHz	External, 4.0dBi
LTE Band 66: 1710MHz-1780MHz/2110MHz-2180MHz	External, 4.0dBi
LTE Band 71: 663MHz-698MHz/617MHz-652MHz	External, 4.0dBi

--The technical information of this portable device is shown in the following table:

Operation Frequency	Antenna types, Antenna Gain
Bluetooth: 2402MHz-2480MHz	Integral, 2.8dBi
Bluetooth LE: 2402MHz-2480MHz	Integral, 2.8dBi
802.11b/g/n: 2412MHz-2462MHz/2422MHz-2452MHz	Integral, 2.8dBi
802.11a/n/ac: 5150MHz-5250MHz, 5250MHz-5350MHz, 5470MHz- 5725MHz, 5725MHz-5850MHz	Integral, 2.8dBi

WCDMA Band II: 1850MHz-1910MHz/1930MHz-1990MHz	Disabled by software.
WCDMA Band IV:1710MHz-1755MHz/2110MHz-2155MHz	Disabled by software.
WCDMA Band V: 824MHz-849MHz/869MHz-894MHz	Disabled by software.
LTE Band 2: 1850MHz-1910MHz/1930MHz-1990MHz	Integral, 3.5dBi
LTE Band 4: 1710MHz-1755MHz/2110MHz-2155MHz	Integral, 3.5dBi
LTE Band 5: 824MHz-849MHz/869MHz-894MHz	Integral, 3.5dBi
LTE Band 7: 2500MHz-2570MHz/2620MHz-2690MHz	Disabled by software.
LTE Band 12: 699MHz-716MHz/729MHz-746MHz	Integral, 3.5dBi
LTE Band 13: 777MHz-787MHz/746MHz-756MHz	Integral, 3.5dBi
LTE Band 14: 788MHz-798MHz/758MHz-768MHz	Disabled by software.
LTE Band 17: 704MHz-716MHz/734MHz-746MHz	Disabled by software.
LTE Band 25: 1850MHz-1915MHz/1930MHz-1995MHz	Disabled by software.
LTE Band 26: 814MHz-824MHz/859MHz-869MHz	Disabled by software.
LTE Band 26: 824MHz-849MHz/869MHz-894MHz	Disabled by software.
LTE Band 41: 2496MHz-2690MHz/2496MHz-2690MHz	Disabled by software.
LTE Band 66: 1710MHz-1780MHz/2110MHz-2180MHz	Disabled by software.
LTE Band 71: 663MHz-698MHz/617MHz-652MHz	Disabled by software.

Only the module's BT/BLE, 802.11a/b/g/n/ac, LTE Band 2/4/5/12/13 functions are used for this portable device, Other operating frequency bands will be disabled by software.

--RF module used in this portable device requires SAR testing compliance of which is not performed and demonstrated in Modular approval.

--Hardware and software info remain unchanged from original Modular Approval filing except that we reduced external ANT gain of Module FCC ID: YE3600-SC600TA.

1). Accordance with the requirements of KDB 178919 D01, this portable device changed the antenna type and reduced the antenna gain, only FCC Part 15B, Radiated Spurious Emission, Restricted bands and RF exposure were retested.

2). Since this equipments are a slave device, without radar detection, so there is no need to re-evaluate the DFS test.

Sincerely,

Print Name: JS Hsu Title: Manager

Signature:

On behalf of Company: DT Research, Inc.

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