

Honor Device Co., Ltd.

Federal Communications Commission
Oakland Mills Road
Columbia MD 21046

2022-03-02

Class 2 Permissive Change Letter

To whom it may concern:

Pursuant to section 2.1043, We Honor Device Co., Ltd. Hereby submit a request for class II permissive change to our product, FCC ID:2AYGCMUS-B19, Grant date: 11/26/2021

Description of the change:

The difference before and after MUS-B19 revision is shown in the below table:

	Model	MUS-B19	MUS-B19 (after)
Hardware	Hardware		<ol style="list-style-type: none">1. add two 0201 package resistors to Reserve VMBS and VDD_CODEC_1V8 for MIC power supply compatible design;2. Delete two 0201 package capacitors & MIC to A4 routing MIC_P, MIC_N;3. Add CODEC_BCK to BT_BCK series resistance 0201 R23034. The B2B of LCD adds two positions C1780/C1781 to Optimize power quality and interference, no functional impact
	Antenna matching circuits		<ol style="list-style-type: none">1. Add TVS(Transient Voltage Suppressor) diode to avoid ESD(Electro-Static discharge) influence;

			2. Change matching components to optimize GPS antenna's performance
RF	RF circuit		1、The SAW and LNA of the GPS part exchange positions. 2、GPS part Optimize circuit design, optimize the matching of SAW 3、Optimize the radio frequency parameters, and the margin of radio frequency index is sufficient.
Software			Turn off BT high power transmission mode

The BT circuit remains unchanged, and the high power is turned off by software,

BT EDR had two power mode at the first FCC certification: High power mode and normal power mode. now the high power mode is removed, only normal power mode left.

BT and GPS share one antenna, BT and GPS circuits are independent

Test plan:

RF: Retest BT

SAR: BT\BLE SAR new test

EMC: Test RE worst mode, new test of RSE and sideband of BT/BLE

Documents Resubmitted:

The following documents from the original application remain unchanged, applicable and representative after Class II

Permissive change:

- 1) Internal Photos
- 2) Radio Test report/SAR Test report/EMC report
- 3) Operational Description
- 4) BOM list
- 5) tune up
- 6) Schematic diagram&PCB
- 7) User's manual
- 8) Confidentiality Letter

Sincerely,



Name, Surname: Liming

Position/Title: Certification Manager

Honor Device Co., Ltd.

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