

Hui Zhou Gaoshengda Technology Co.,LTD

Federal Communications Commission

7435 Oakland Mills Road

Columbia MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive Change for FCC ID: 2AC23-WXT2A

(Original Grant date : 04/14/2022)

Applicant: Hui Zhou Gaoshengda Technology Co.,LTD

Dear Examiner,

This is to request a Class II permissive change for FCC ID: 2AC23-WXT2A

Product description: WIFI+BT Module

originally granted on 04/14/2022

The major change under this application is :

1.Add new antenna

	Antenna type	Antenna gain	assessment
Original	PIFA antenna	BLE ANT 1:2 dBi BLE ANT 2:2 dBi BT ANT 1: 2 dBi BT ANT 2:2 dBi 2.4 G wifi ANT 1: 2 dBi 2.4 G wifi ANT 2: 2 dBi 5G wifi ANT 1: 3 dBi 5G wifi ANT 2: 3 dBi 6G wifi ANT 1: 4 dBi 6G wifi ANT 2: 4 dBi	The antennas type remains is changed, but the antenna gain is lower than before. Therefore, based on the new antennas, radiated band edge re-measurement tests for

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New	FPC antenna	BLE ANT 1:-0.01 dBi BLE ANT 2: -0.01 dBi BT ANT 1: -0.01 dBi BT ANT 2: -0.01 dBi 2.4 G wifi ANT 1:1.81 dBi 2.4 G wifi ANT 1:1.81 dBi 5G wifi ANT 1: 2.4 dBi 5G wifi ANT 2: 2.4 dBi 6G wifi ANT 1: 1.81dBi 6G wifi ANT 2: 1.81dBi	BT/BLE/2.4 G wifi, 5G wifi, and 6G wifi. C63.10 has updated to the latest version . Re-test of 6dB bandwidth/PSD for 2.4G WIFI and PSD for 2.4 G wifi.
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2. There have no changes to the schematic design of the product. The modification is limited to an optimization of the PCB layout in order to avoid physical interference between certain components and the shielding cover. No changes have been made to any RF-related circuitry, including the RF path, matching components, antenna structure, or ground reference. We have investigated that this layout optimization does not have impact on RF performance.

Also, please note the following with respect to this application:

- Software security remains unchanged from the original application.
- A new firmware version (FVIN V1.0) is introduced to support the newly filed antenna configuration.
- The firmware includes antenna-specific RF parameter limits to ensure compliance under all operating conditions.

Best Regards,



Company Name: Hui Zhou Gaoshengda Technology Co.,LTD

Contact Name: Hui Guan

Title of Person: Manger

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Date: 6/9/2026