

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-WXT2N

(Original Grant date : 01/16/2024)

Applicant: Hui Zhou Gaoshengda Technology Co.,LTD

Dear Examiner,

This is to request a Class II permissive change for FCC ID: 2AC23-WXT2N

Product description: WIFI+BT Module

originally granted on 01/16/2024

The major change under this application is :

1.update the hardware version to V1.1 and the old version is no longer in use. The new version has the same RF technical construction including circuit diagram, PCB Layout, components, component layout and performance with the old version. Only minor difference in power pin and reset pin, and added a hole on shielding. Therefore, the new version will be reconsidered full testing in conducted power and testing in radiated band edge and spurious, and only the worst case reported.

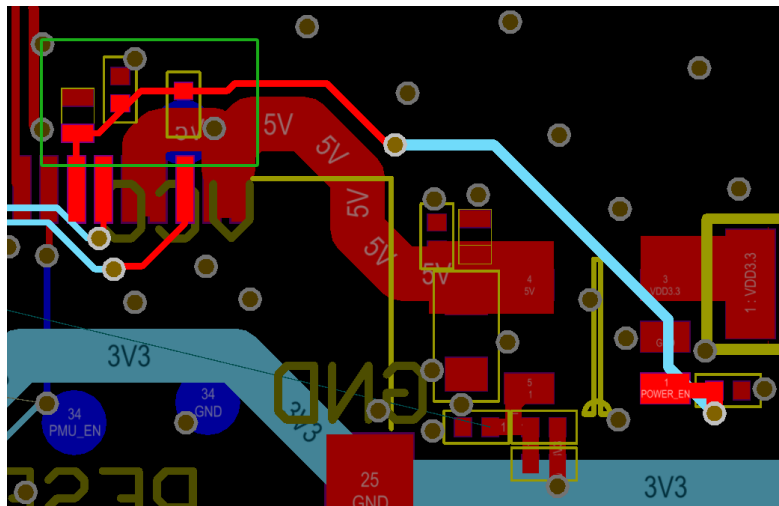
2. For conducted output power, all modes have been tested, only the worst data recorded in the report.

3. For radiated band edge and spurious, all modes have been tested, only the worst data recorded in the report.

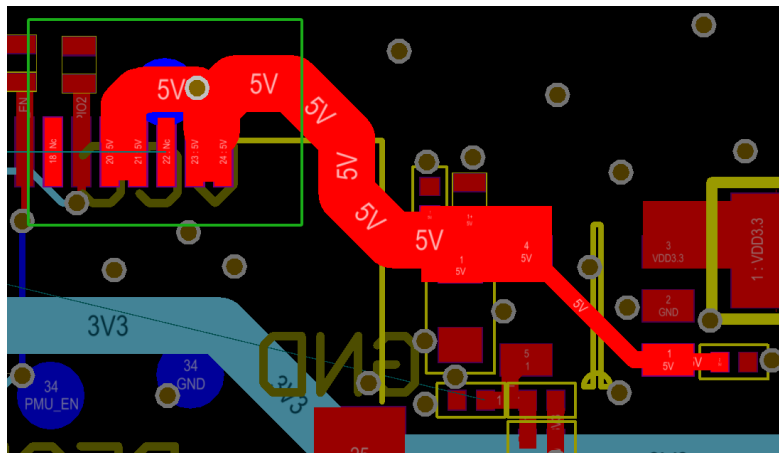
Please refer to following detail:

Old version(PIN17 is the POWER_EN control pin):

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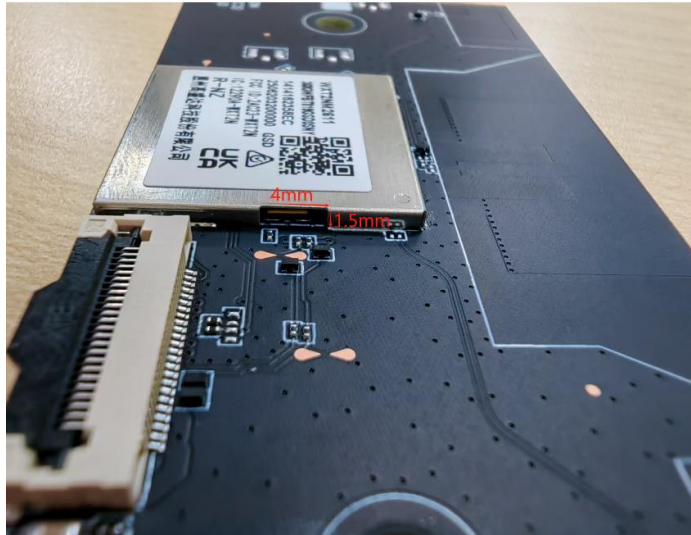


New version(The POWER_EN control PIN has been deleted):



Hole size:

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We have verified 2 modes:

1. Verify with unmodified sample (antenna present)
2. Verify with modified sample (transmitter terminated into a dummy load)

Test Procedure:

The EUT was set near the interference receiving antenna. And turnaround close to the EUT from 0 degree to 360 degrees. The emission measurement will be measured by the peak detector.

Verify results:

For BLE/WIFI 2.4G/WIFI 5G/WIFI 6G, there did not see any other emissions from the slot up to 40GHz.

We have confirmed that the EUT complies the requirement with KDB 996369 D02 Module Q&A v01 Question 10.

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

- Software security remains unchanged from the original application.
- Hardware version updated to V1.1.

If you have any questions regarding this application, please feel free to contact me.

Best Regards,

Hui Guan

Hui Zhou Gaoshengda Technology Co.,LTD

Company Name: Hui Zhou Gaoshengda Technology Co.,LTD

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Date: 08/13/2025