

Anker Innovations Limited
Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Oct. 23, 2025

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road Columbia,
MD 21046

SUBJECT: Class II Permissive Change for FCC ID: 2AOKB-A31A3

The product has been granted by FCC dated 08/30/2024, FCC ID: 2AOKB-A31A3. Now we, Anker Innovations Limited, would like to modify the authorized equipment for below changes:

- Changed the software version;
- Changed the product designation;
- Changed the battery name and voltage of the Bluetooth speaker;

Original project battery:

Battery Information	Model: C0914G9 Rated Voltage& Cap: 7.3V 4900mAh 35.77Wh Manufacturer: Guangdong Pow-Tech New Power Co., Ltd.
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New replaced battery:

Battery Information	Model: C0914G9-1 Rated Voltage& Cap: 7.2V 4900mAh 35.28Wh Manufacturer: Guangdong Pow-Tech New Power Co., Ltd.
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- Changed the appearance button color of the Bluetooth speaker;

-The detailed changes to EUT are as follows:

Bluetooth speaker:

- 1、The model of the mainboard's light panel connector has been changed from 3P/1.5MM to 8P/1.5MM, increasing the number of connector pins.
- 2、The built-in driver IC RGB light for the woofer and tweeter light panel has been removed.
- 3、Added RGB lights and driver ICs with model numbers YL3528/2R1G3B/FKE/P2/20A-E5-AI01 and SN2412028RJV to the woofer and tweeter light panel.

For the above described change the following tests was considered to be necessary:

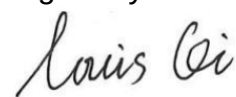
Clause	Testing
§15.209	Radiated Spurious Emission
§15.207	AC Power Line Conducted Emission

Not affect the RF parameter.

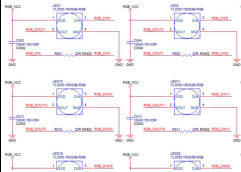
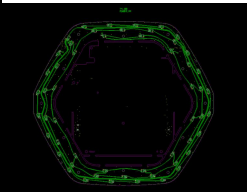
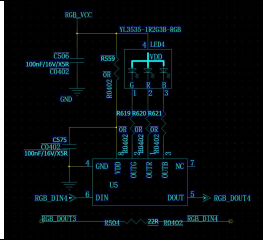
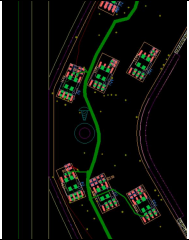
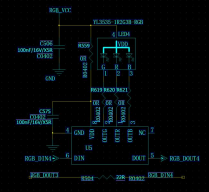
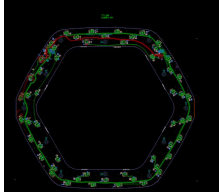
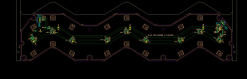
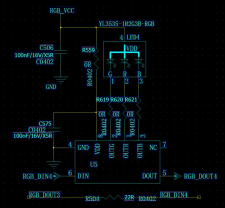
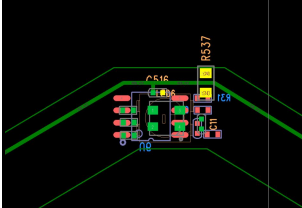
We would like to certify the additional of certified FCC ID: 2AOKB-A31A3 as a Class II Permissive Change in this device.

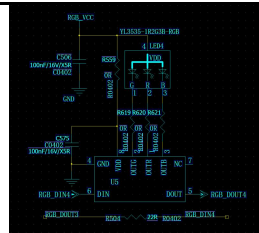
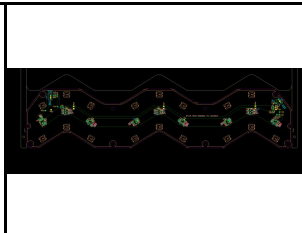
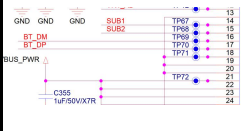
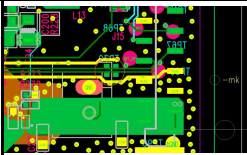
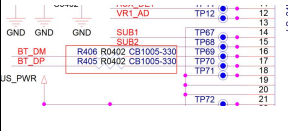
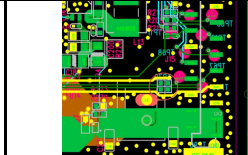
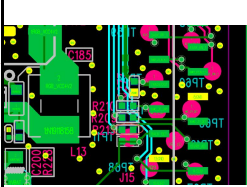
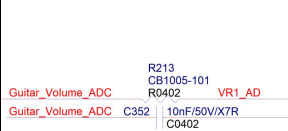
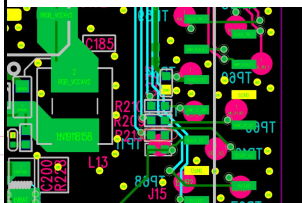
Thank you for your attention in this matter.

Signatory:



Anker Innovations Limited
Contact person: Louis Qi
Title: Testing and Compliance Director

NO.	PCBA	function module	before modification					after modification					remark
			型号	位号	制造商	原理图	LAYOUT	型号	位号	制造商	原理图	LAYOUT	
1		Built-in driver IC	YL3535/1R2G3B/XXX/P2/12I-AKE-US	RGB1~RGB54	yonglin			/	/	/	/	/	Delete
2	Low-frequency light panel	RGB light	/	/	/	/	/	YL3528/2R1G3B/FKE/P2/20A-E5-AI01	RGB1~RGB54	yonglin			Add
3		RGB light	/	/	/	/	/	WS2811B	U1-U54				an RGB light chip along with a driver IC New addition
4		Driver IC	YL3535/1R2G3B/XXX/P2/12I-AKE-US	RGB1~RGB9	yonglin			/	/	/	/	/	Delete
5	High-pitched light panel	Built-in driver	/	/	/	/	/	YL3528/2R1G3B/FKE/P2/20A-E5-AI01	RGB1~RGB8	yonglin			Add

6		IC RGB light	/	/	/	/	/	WS2811B	U1-U9			an RGB light chip along with a driver IC New addition	
7	mainboard	RGB light without	/	/	/			CB1005-330	R405, R406	/			New magnetic beads
8		Driver IC	22R	R213	/			CB1005-101	R213	/			Resistor changed to magnetic bead

