

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Date: September 30, 2024

Subject: Requesting Class II permissive change for FCC ID: 2A72W-V69

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: XMR201707BG96, original granted on 11/16/2023

Applicant: Shenzhen Ruidu Intelligent Technology Co., Ltd

A. DESCRIPTION OF PRODUCT CHANGES

1. Add new battery (3.80V, 710mAh) based on original battery (3.7V, 240mAh);

B. PERFORMANCE DIFFERENCES


Description	Re-testing item	Remark
Maximum Conducted Power	Need	Compare with original battery (3.7V, 240mAh), new battery (3.80V, 710mAh) voltage and capacity higher than original, conducted output power need measured again, after check conducted output power with new battery less than original power (tune up same), conducted spurious emission, bandwidth (including 99% bandwidth and 6dB bandwidth) no need measure.
AC Mains Conducted Emission	Need	Measure AC Mains Conducted Emission based new battery.
External Photos	No need	External photos without any change
Internal Photos	Need	Internal photos with new battery
Test Setup Photos	Need	Test setup photos with radiated emission below 1 GHz need provide
User manual	No need	No change
RF Exposure Evaluation	Need	
Radiated Emission (30MHz – 1GHz)	Need	Measure Radiated emission (30MHz – 1 GHz) based new battery.
Radiated Emission (1GHz – 26GHz)	No need	The conducted output power with new battery less than original power (tune up same), antenna also not change
Radiated band-edge emission	No need	The conducted output power with new battery less than original power (tune up same), antenna also not change

C. CONCLUSION

This radio continues to meet all FCC standard requirements, including RF Exposure, thus this change does meet requirements a Class II Permissive Change.

Please contact me if you have any questions or need further information regarding this application.

Sincerely,



2024-09-30

Signature

Date

Name / Title: Jinqi Wang / Boss

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