

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Date: May 2, 2024

Subject: Requesting Class II permissive change for FCC ID: ZMOFG101NA

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for FCC ID: ZMOFG101NA, original granted on 07/26/2023

Applicant: Fibocom Wireless Inc.

A. DESCRIPTION OF PRODUCT CHANGES

1. The subject approved module is being used in different host (Mobile category Configuration, Host Description / Model: (Shanghai Smawave Technology Co. ,Ltd.) / SC421;
2. Change antenna. The physical restraints introduced by the Cat12 Indoor CPE host platform should have resulted in ERP/EIRP/Radiated spurious emission, measured ERP/EIRP/RSE with new antenna.

B. PERFORMANCE DIFFERENCES

Description	Re-testing item	Remark
ERP/EIRP/Radiated spurious emission	Need testing	The Original FCC testing on module under FCC ID: ZMOFG101NA was performed with antenna of lower gain, and the antenna was connected to the modular in an open environment. The current host platform under application uses an antenna higher gain and is installed inside the host platform enclosure. The physical restraints introduced by the host platform should have resulted in equal or higher level of ERP/EIRP/Radiated spurious emission. Therefore, additional ERP/EIRP/Radiated spurious emission testing is necessary
MPE	Need testing	a. MPE needs to be reevaluated due to gain changes.
External Photos	Provided	Provided host device Cat12 Indoor CPE / SC421
Internal Photos	Provided	Provided host device Cat12 Indoor CPE / SC421 with modular internal photos
User manual	Provided	Provided host device Cat12 Indoor CPE / SC421 user manual

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,

Elena Zhao

2024-05-02

Signature

Date

Name / Title: Elena zhao / Certification Manager

Company: Eurofins TA Technology(Shanghai) Co., Ltd.

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