

Date: April 17, 2024
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: ZMOFG101NA
Original module Grant Date: 07/26/2023
Applicant: Fibocom Wireless Inc.

Dear Examiner,

This is to request a Class II permissive change for FCC ID: ZMOFG101NA
The major change filed under this application is:

1. The subject approved module is being used in a specific host (model: SC421)
2. RF exposure is performed to demonstrate RF Compliance
3. Software security remains unchanged form original application
4. There were no hardware changes to the module
5. Bands WCDMA Band II/ IV/V/LTE Band 2/7/13/14/17/25/26/30/71 were disabled by software.
6. Antenna change, EIRP and RSE will be performed to demonstrate FCC Compliance

Different	Prototype	variant																										
Model	FG101-NA (Granted on 07/26/2023)	SC421																										
Band	WCDMA Band II/ IV/V LTE Band 2/4/5/7/12/13/14/17/25/26/30/41/48/66/71	LTE 4/5/12/41/48/66																										
PRODUCT NAME	LTE Module	Cat12 Indoor CPE																										
Antenna Gain	<table border="1"><tr><td>LTE Band 2</td><td>4.07dBi</td></tr><tr><td>LTE Band 4</td><td>4.07dBi</td></tr><tr><td>LTE Band 5</td><td>2.20dBi</td></tr><tr><td>LTE Band 7</td><td>4.07dBi</td></tr><tr><td>LTE Band 12</td><td>2.20dBi</td></tr><tr><td>LTE Band 13</td><td>2.20dBi</td></tr><tr><td>LTE Band 17</td><td>2.20dBi</td></tr><tr><td>LTE Band 25</td><td>4.07dBi</td></tr><tr><td>LTE Band 26</td><td>2.20dBi</td></tr><tr><td>LTE Band 30</td><td>0.22dBi</td></tr><tr><td>LTE Band 41</td><td>4.07dBi</td></tr><tr><td>LTE Band 66</td><td>4.07dBi</td></tr><tr><td>LTE Band 71</td><td>2.20dBi</td></tr></table>	LTE Band 2	4.07dBi	LTE Band 4	4.07dBi	LTE Band 5	2.20dBi	LTE Band 7	4.07dBi	LTE Band 12	2.20dBi	LTE Band 13	2.20dBi	LTE Band 17	2.20dBi	LTE Band 25	4.07dBi	LTE Band 26	2.20dBi	LTE Band 30	0.22dBi	LTE Band 41	4.07dBi	LTE Band 66	4.07dBi	LTE Band 71	2.20dBi	LTE 4: 3.32 dBi LTE5: 0.69 dBi LTE 12:0 dBi LTE 41:4.86 dBi LTE 48:3.69 dBi LTE 66:3.32 dBi
LTE Band 2	4.07dBi																											
LTE Band 4	4.07dBi																											
LTE Band 5	2.20dBi																											
LTE Band 7	4.07dBi																											
LTE Band 12	2.20dBi																											
LTE Band 13	2.20dBi																											
LTE Band 17	2.20dBi																											
LTE Band 25	4.07dBi																											
LTE Band 26	2.20dBi																											
LTE Band 30	0.22dBi																											
LTE Band 41	4.07dBi																											
LTE Band 66	4.07dBi																											
LTE Band 71	2.20dBi																											

Sincerely yours,

Patrick Ma

Name: Patrick Ma
Title: Certification Manager
Company: Fibocom Wireless Inc.