

Fibocom Wireless Inc.

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

C.C.: TCB TIMCO ENGINEERING, Inc. FCC TCB
13146 NW 86th Drive Suite 400 Alachua, FL 32615


Subject: Requesting Class II permissive change for FCC ID: ZMOLE270LA
To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for
FCC ID: ZMOLE270LA, granted on 09/09/2024.




The major change field under this application is:

1. Added a new power IC and the location of the capacitor and resistor has changed.
The other hardware is completely identical. (There is no change in the RF part.)
2. Changed the software version.
3. Added the seven antennas (Ant.2~8).

Original antenna:

Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
	GHT-019A	Dipole	SMA Male J	2.85	LTE Band 2
				2.98	LTE Band 4
				1.32	LTE Band 5
				2.21	LTE Band 7
				1.71	LTE Band 38
				2.21	LTE Band 41
				2.98	LTE Band 66

New antenna:

2		F-0Y-31-0116-001-K0	FPC	IPEX	3.13	LTE Band 2
					2.26	LTE Band 4
					-2.46	LTE Band 5
					3.39	LTE Band 7
					3.5	LTE Band 38
					3.64	LTE Band 41
					2.26	LTE Band 66
3		F-0Y-31-0116-002-K0	FPC	IPEX	1.48	LTE Band 2
					2.83	LTE Band 4
					-0.39	LTE Band 5
					3	LTE Band 7
					1.83	LTE Band 38
					3.36	LTE Band 41
					3.51	LTE Band 66
4	Kenbotong	TQX-071427HK22	Dipole	IPEX-1	5.41	LTE Band 2
					3.49	LTE Band 4
					1.97	LTE Band 5
					3.4	LTE Band 7
					3.4	LTE Band 38
					3.7	LTE Band 41
					3.96	LTE Band 66
Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)	Note
5	Kenbotong	KIT-HK23-PT24-4G	Dipole	IPEX-1	4.57	LTE Band 2
					2.59	LTE Band 4
					2.76	LTE Band 5
					3.64	LTE Band 7
					3.18	LTE Band 38
					3.64	LTE Band 41
					2.79	LTE Band 66
6		F-0Y-31-0166-001-K0	FPC	IPEX	3.75	LTE Band 2
					3.6	LTE Band 4
					1.55	LTE Band 5
					4.71	LTE Band 7
					4.71	LTE Band 38
					4.71	LTE Band 41
					3.6	LTE Band 66
7	Kenbotong	TQX-071427HK22-L	Dipole	IPEX-1	3.48	LTE Band 2
					2.65	LTE Band 4
					1.99	LTE Band 5
					2.27	LTE Band 7
					2.49	LTE Band 38
					3.68	LTE Band 41
					2.65	LTE Band 66
8	HEDA	HD0255-02-A01	FPC	IPEX-1	1.1	LTE Band 2
					0.2	LTE Band 4
					-1.1	LTE Band 5
					0.6	LTE Band 7
					-0.3	LTE Band 38
					0.6	LTE Band 41
					0.7	LTE Band 66

4. Changed the ERP to Max. conducted power.

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

Best Regards

Patrick Ma

Name: Patrick Ma

Title: Certification Director

Date: 2025-04-18