

Quectel Wireless Solutions Company Limited

Date: October 11, 2024

Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia, MD 21046

SUBJECT: Class II Permissive Change for **FCC ID: XMR2023SG560DWF**,

Dear Examiner,

This is to request a Class II Permissive Change for FCC ID: **XMR2023SG560DWF**,
(approval date: 02/26/2024)

The change filed under this application is:

- ◆ Change SG560D-WF(PA) to SG560D-WF(PB), The difference lies in the SG560D-WF(PB) having a new PCB (where the new PCB only has a different cellular circuit layout, and both the SG560D-WF(PA) and SG560D-WF(PB) do not have components mounted on the cellular part) and also supports new flash memory.
- ◆ Enable WLAN 5G straddle channels via software.
- ◆ Changed the external test antenna gain value of the following Band, and the hardware does not involve any changes.

	Band	Old Antenna gain(dBi)	New Antenna gain(dBi)
WIFI	BT/BLE	0.47	0.2
	2.4G WIFI	0.47	0.2
	B1(5150-5250)	-0.67	-0.7
	B2(5250-5350)	-0.19	-0.8
	B3(5470-5725)	1.28	-1.2
	B4(5725-5850)	1.10	-1.5
	B5(5925-6425)	3.76	-0.9
	B6(6425-6525)	3.62	-0.9
	B7(6525-6875)	3.62	0.4
B8(6875-7125)	2.20	1.6	

Except for the change above, no other modification is performed. More details please refer to product equality declaration.

If you have any questions regarding this application, please feel free to contact me.

Quectel Wireless Solutions Company Limited

Sincerely,

A handwritten signature in cursive script that reads "Jean Hu".

Name: Jean Hu

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