

Quectel Wireless Solutions Company Limited

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District,
Shanghai, China, 200233

Request for Class II Permissive Change

FCC ID: XMR2024RG650VNA

Date: 2025-7-27

Dear Sir/Madam,

Subject: FCC Class permission change for FCC ID: XMR2024RG650VNA

Original Grant Date: 07/23/2024

This project is a CIIPC submission to our product: 5G Sub-6 GHz LGA Module, model: RG650V-NA, the device is identical to the previous certified except for the changes as below:

Model name	Original	New
RG650V-NA	The original version R1.0 supports 8RX	The new version R1.1 just supports 4RX and delete some related components.
	The original version R1.0 uses Qualcomm Baseline LE1.0	The new version R1.1 uses Baseline LE1.2 and additionally supports the dual-SIM dual-standby capability.
	The LNA components used in the original version R1.0 are MXD83J5B	The LNA components used in the new R1.1 version are QLN-5030-0-41PSP-TR-02-1
	N7 does not support 50MHz, N41 does not support 35/45MHz, and N66 does not support 45MHz; meanwhile, it does not support NR CA: N38A_N71A, as well as ENDC: DC_71A_n48A/DC_4A_n5A.	The software enables 50MHz for N7, 35/45MHz for N41, and 45MHz for N66; it also enables NR CA: N38A_N71A, as well as ENDC: DC_71A_n48A/DC_4A_n5A.

The test strategy reference is as follows:

Case	Remark
Part 22/24/27/90/96	1. Check Power + RSE 2. Conduct a brand-new test on N7 50MHz, N41 35/45MHz, N66 45MHz, NR CA: N38A_N71A, ENDC: DC_71A_n48A, DC_4A_n5A.
Part 2.1091	Recalculate

Thank you.

Sincerely,

Date: ...2025/7/27.....

City: ...Shanghai.....

Name: ...Jean hu.....

Email: ...jean.hu@quectel.com.....

Signature: