

Date: 2024/10/11

Federal Communications Commission

Authorization and Evaluation Division

7435 Oakland Mills Road

Columbia, MD 21046

Attn: OET Dept.

Ref: FCC new Grants for FCC ID: 2AU8HSRL620

Applicant: Smawave Technology Co. ,Ltd

Dear Examiner,

This device contains a certified module which is FCC ID: XMR2023RG520NNA, Grant date: 2023/05/04

The major change filed under this module under host is:

1. Antenna change

Different	module	Host
Model	RG520N-NA	SRL620
Band	LTE Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71 5G NR n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78	LTE Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71 5G NR n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n48, n66, n71, n77, n78
Product name	5G module	Outdoor CPE

Antenna Gain								
	Technology	Frequency Range (MHz)	Antenna Type	Max Peak Gain (dBi)		Band	Antenna Gain (dBi)	
	Band 2	1850 ~ 1910	Dipole	1.37		LTE Band 2	5.5	
	Band 4	1710 ~ 1755		1.37		LTE Band 4	5.0	
	Band 5	824 ~ 849		1.18		LTE Band 5	3.0	
	Band 7	2500 ~ 2570		2.07		LTE Band 7	5.0	
	Band 12	699 ~ 716		1.18		LTE Band 12	2.5	
	Band 13	777 ~ 787		1.18		LTE Band 13	2.5	
	Band 14	788 ~ 798		1.18		LTE Band 14	3.0	
	Band 17	704~ 716		1.18		LTE Band 17	2.0	
	Band 25	1850 ~ 1915		1.37		LTE Band 25	5.5	
	Band 26	814~849		1.18		LTE Band 26	3.0	
	Band 30	2305 ~ 2315		1.11		LTE Band 30	6.0	
	Band 38	2570 ~ 2620		2.07		LTE Band 38	5.0	
	Band 41	2496 ~ 2690		2.07		LTE Band 41	5.0	
	Band 48	3550 ~ 3700		0.58		LTE Band 48	13.0	
	Band 66	1710 ~ 1780		1.37		LTE Band 66	5.0	
	Band 71	663 ~ 696		1.18		LTE Band 71	2.0	
	Band 77	3450 ~ 3550		0.58		NR Band n2	5.5	
	Band 78	3300 ~ 3800		0.58		NR Band n5	3.0	
						NR Band n7	5.0	
						NR Band n12	2.5	
						NR Band n13	2.5	
						NR Band n14	3.0	
						NR Band n25	5.5	
						NR Band n26	3.0	
						NR Band n30	6.0	
						NR Band n38	5.0	
						NR Band n41	5.0	
						NR Band n48	13.0	
						NR Band n66	5.0	
						NR Band n71	2.0	
						NR Band n77	13.0	

			NR Band n78	13.0	
--	--	--	-------------	------	--

2. There were no hardware changes to the module
3. Software security remains unchanged form original application
4. No change the Tune up.
5. Test report data clarification

Description	Original test reports No.:	Testing Data	Remark
FCC Part15B Report Report No.: R2408A1140-E1	N/A	Full testing	N/A
FCC LTE/5GNR Test Report Report No.: R2408A1140-R1V2 R2408A1140-R2V2 R2408A1140-R3V2 R2408A1140-R4V2 R2408A1140-R5V2 R2408A1140-R6V2	2303RSU050-U1 2303RSU050-U2 2303RSU050-U3 2303RSU050-U4 2303RSU050-U5 2303RSU050-U6 2303RSU050-U7 2303RSU050-U8 2303RSU050-U9 2303RSU050-U10 2303RSU050-U11	Add full test:Output Power/EIRP Radiated Spurious Emission	Based on the module difference description, Frequency Stability, Occupied Bandwidth, Emission Bandwidth, band edge and Conducted Spurious Emission are evaluated refer to original reports
MPE Test Report Report No.: R2408A1140-M1	N/A	Full Evaluate	Reevaluation of individually and simultaneously launched MPEs based on validation and test results
CBSD Report FG482207A_R01 FG482207B_R01	N/A	Full testing	N/A

CONCLUSION

This radio device continues to meet all FCC standard requirements.

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

Sincerely,



Signature

Date:2024/11/2

Printed Name of Signee:

Company: Smawave Technology Co. ,Ltd

Address: 2/F, Building 8, 1001 North Qinzhou Road, Xuhui District, Shanghai, China

Email: xing.chen@smawave.com