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: XMR2022RM520NGL

Date: 2023-4-28

Dear Sir/Madam,

Subject: FCC Class permission change for FCC ID: XMR2022RM520NGL Original Grant Date: 08/31/2022

This project is a CIIPC submission to our product: 5G module, model: RM520N-GL, the device is identical to the previous certified except for the changes as below:

Model name : RM520N-GL							
Original		New		Remark			
RF Exposure Evaluation MIMO extrapolation gain method, using		RF Exposure Evaluation MIMO extrapolates the gain method to		The maximum allowable gain for calculating is updated below			
birectional gain = GANT + 10		uncorrelated signals		Operating Band	Max Gain Allowed (dBi)		
log(N ant) dBi		Directional gain = GANT		LTE B38/n38/CA_38C	5.00		
				LTE B48/n48/CA_48C*	-2.00		
				LTE B41/CA_41C/n41	5.00		
				NR Band n77	2.00		
				NR Band n78	2.00		
Antenna Gain:		Add Antenna :		The antenna type is the same, the model is the			
Band	Gain	Band	Gain	same and only part of the	ne hand gain is		
WCDMA Band II:	0.91dBi	WCDMA Band II:	0.25dBi	same, and only part of the band gain is			
LTE Band 2:	0.91dBi(Ant0)	LTE Band 2:	0.25dBi(Ant0)	updated			
LTE Band 4:	-1.47dBi(Ant0)	LTE Band 4:	1.47dBi(Ant0)				
LTE Band 66:	-1.47dBi(Ant0)	LTE Band 66:	1.47dBi(Ant0)				
LTE CA_2C:	0.91dBi(Ant0)	LTE CA_2C:	0.25dBi(Ant0)				
LTE CA_66C:	-1.47dBi(Ant0)	LTE CA_66C:	1.47dBi(Ant0)				
LTE CA_66B:	-1.47dBi(Ant0)	LTE CA_66B:	1.47dBi(Ant0)				

The test strategy reference is as follows:

Case	Remark
Part 2.1091	RF Exposure Evaluation Reassessment
Part 24/27	Retest Band 2, 4, 66 RSE

Thank you. Sincerely.

...2023/4/28..... Date:

## Quectel Wireless Solutions Co., Ltd.

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Signature: