

Statement

We **Quectel Wireless Solutions Co., Ltd** declare the following models.

Product Name: 5G Sub-6 GHz M.2 Module

Model Number: RM520N-GL

Hardware Version: R1.0

The new version of RM520N-GL shares the same HW design with the certificated version, The main differences are the new version RM520N-GL supports Power class 1.5 for N41/n77/n78/n79 UL MIMO and add some more CA/ENDC via SW version updating.

Model	Category	Supported Band	Supported CA/ENDC
RM520N-GL (New) FCC ID: XMR2023RM520NGL IC: 10224A-022RM520NGL	UL Cat18 DL Cat19	WCDMA: B1/2/4/5/8/19 LTE: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/ 29/30/32/66/71/34/38/39/40/41/42/43/48/46 5G: n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38 /40/41/48/66/70/71/75/76/77/78/79 n41/n77/n78/n79 UL MIMO Support Power Class1.5/2/3	Please refer to "Quectel_RM520N- GL_CA&EN- DC_Features_V1.2_LE1.3"
RM520N-GL (Original) FCC ID: XMR2022RM520NGL IC: 10224A-022RM520NGL	UL Cat18 DL Cat19	WCDMA: B1/2/4/5/8/19 LTE: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/ 29/30/32/66/71/34/38/39/40/41/42/43/48/46 5G: n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38 /40/41/48/66/70/71/75/76/77/78/79 n41/n77/n78/n79 UL MIMO Support Power Class 2/3	Please refer to "Quectel_RM520N- GL_CA&EN- DC_Features_V1.1"

New version testing strategy:

FCC New ID, IC C3PC

EMC: Verify Worst Mode.

RF: Conduct new testing on the newly added combination (CA&ENDC).

(FCC) UL MIMO N41/77/78 new test, other bands test full power and worse RSE.

(IC) UL MIMO N41 new test, other bands test worse RSE.

Except for the above tests, all other data are based on the original data.

Your assistance on this matter is highly appreciated.

Sincerely,

Name: Jean Hu

Title: Certification Section