TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

PHOENIX TESTLAB GmbH
Koenigswinkel 10
32825 Blomberg,
Germany

Date of Grant: 08/31/2022

Application Dated: 08/30/2022

Quectel Wireless Solutions Company Limited
Building 5, Shanghai Business Park PhaseIII
(Area B),No.1016 Tianlin Road, Minhang District
Shanghai, 200233
China

Attention: Jean Hu

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: XMR2022RM520NGL
Name of Grantee: Quectel Wireless Solutions Company Limited
Equipment Class: Citizens Band End User Devices
Notes: 5G Sub-6 GHz M.2 Module with WCDMA and LTE
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	96	3560.0 - 3690.0	0.217	0.1 PM	18M1G7D
	96	3560.0 - 3690.0	0.22	0.1 PM	18M1W7D
	96	3555.0 - 3695.0	0.284	0.1 PM	9M1G7D
	96	3552.5 - 3697.5	0.224	0.1 PM	9M1W7D
	96	3560.0 - 3690.0	0.151	0.1 PM	37M9G7D
	96	3560.0 - 3690.0	0.122	0.1 PM	37M8W7D
	96	3557.8 - 3692.2	0.124	0.1 PM	32M6W7D
	96	3570.0 - 3679.98	0.163	0.1 PM	36M1G7D
	96	3570.0 - 3679.98	0.16	0.1 PM	36M2W7D
	96	3560.01 - 3690.0	0.167	0.1 PM	18M2W7D
MO	96	3570.0 - 3679.98	0.108	0.1 PM	36M1G7D
MO	96	3570.0 - 3679.98	0.096	0.1 PM	36M2W7D

Output power listed for LTE Band 48 are maximum conducted. Module supports LTE Uplink carrier aggregation: CA_48C as described in this filing. This device has integrated CBE and PCB transmitters certified under the same FCC ID. This module is designed for Mobile device application and only documented Antenna and permitted gain can be used in OEM installation. Use of additional antenna(s) are subject to the requirements of 15.204(c)(4). Modular Approval for mobile RF Exposure conditions. OEM integrators must be provided with antenna installation instructions to satisfy RF exposure compliance. the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device.

Class II permissive change for enable 5GNR N48 by software.

MO: This Multiple Input Multiple Output (MIMO) device was evaluated for multiple transmitted signals as indicated in the filing.