

**TCB**

GRANT OF EQUIPMENT  
AUTHORIZATION

**TCB**

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

Telefication B.V.  
Edisonstraat 12a  
Zevenaar, NL-6902 PK  
Netherlands

Date of Grant: 07/17/2020

Application  
Dated: 07/10/2020

Quectel Wireless Solutions Company Limited  
Building 5, Shanghai Business Park Phase III  
(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: XMR201910BG95M3  
Name of Grantee: Quectel Wireless Solutions Company Limited  
Equipment Class: PCS Licensed Transmitter  
Notes: LTE Cat M1 & Cat NB2 & EGPRS Module  
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	824.2 - 848.8	1.675	0.00948 PM	247KGXW
	22H	824.2 - 848.8	0.321	0.00859 PM	248KG7W
	22H	824.7 - 848.3	0.122	0.00867 PM	1M11G7D
	22H	824.7 - 848.3	0.114	0.00953 PM	1M12W7D
	22H	824.2 - 848.8	0.119	0.0095 PM	184KG7D
	22H	824.7 - 848.3	0.112	0.00835 PM	1M11G7D
	22H	824.7 - 848.3	0.108	0.00835 PM	1M13W7D
	90	814.7 - 823.3	0.113	0.00761 PM	1M13G7D
	90	814.7 - 823.3	0.114	0.00951 PM	965KW7D
	24E	1850.2 - 1909.8	0.962	0.00886 PM	247KGXW
	24E	1850.2 - 1909.8	0.332	0.0092 PM	249KG7W
	24E	1850.7 - 1909.3	0.124	0.00945 PM	1M11G7D
	24E	1850.7 - 1909.3	0.104	0.00942 PM	1M13W7D
	24E	1850.2 - 1909.8	0.109	0.00957 PM	184KG7D
	24E	1850.7 - 1914.3	0.097	0.00955 PM	1M12G7D
	24E	1850.7 - 1914.3	0.101	0.0092 PM	952KW7D
	24E	1850.2 - 1914.8	0.1	0.00946 PM	183KG7D
	27	1710.7 - 1754.3	0.121	0.00947 PM	1M11G7D
	27	1710.7 - 1754.3	0.108	0.00933 PM	1M12W7D
	27	1710.2 - 1754.8	0.104	0.00952 PM	182KG7D
	27	699.7 - 715.3	0.105	0.00937 PM	1M12G7D
	27	699.7 - 715.3	0.11	0.00953 PM	983KW7D
	27	699.2 - 715.8	0.116	0.00918 PM	183KG7D
	27	779.5 - 784.5	0.103	0.00851 PM	1M12G7D
	27	779.5 - 784.5	0.113	0.00887 PM	963KW7D
	27	777.2 - 786.8	0.115	0.00943 PM	184KG7D
	27	1710.7 - 1779.3	0.098	0.00914 PM	1M13G7D



27	1710.7 - 1779.3	0.105	0.00915 PM 948KW7D
27	1710.2 - 1779.8	0.102	0.00945 PM 184KG7D
27	663.2 - 697.8	0.113	0.0095 PM 185KG7D
27	700.5 - 713.5	0.134	0.00881 PM 1M12G7D
27	700.5 - 713.5	0.138	0.00911 PM 992KW7D
27	698.2 - 715.8	0.122	0.00949 PM 185KG7D

C2PC : Only firmware is modified to disable CAT M1 on band 14 and NB-IoT on band 26.

Output power listed is conducted.

This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators.

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

End-users may not be provided with the module installation instructions.

OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. The antenna gain is described in the filling.

This device contains functions that are not operational in U.S. Territories. This filing is only applicable for U.S. operations.

Certificate No.: 202180616/AA/00	Ramy Nabod Product Assessor	
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