

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: 10/15/2019****Application Dated: 09/30/2019****Quectel Wireless Solutions Company Limited
Building 5, Shanghai Business Park PhaseIII
(Area B),No.1016 Tianlin Road, Minhang District
Shanghai, 200233
China****Attention: Johnny xiang****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

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|------------------------------|---------------------|----------------------------|----------------------------|
| | 22H | 824.2 - 848.8 | 1.675 | 0.00948 PM | 247KGXW |
| | 22H | 824.2 - 848.8 | 0.321 | 0.00859 PM | 248KG7W |
| | 22H | 824.1 - 848.9 | 0.122 | 0.00867 PM | 1M11G7D |
| | 22H | 824.1 - 848.9 | 0.114 | 0.00953 PM | 1M12G7D |
| | 22H | 824.1 - 848.9 | 0.114 | 0.00865 PM | 184KW7D |
| | 22H | 824.1 - 848.9 | 0.119 | 0.00865 PM | 130KG7D |
| | 22H | 824.1 - 848.9 | 0.112 | 0.00835 PM | 1M11G7D |
| | 22H | 824.1 - 848.9 | 0.108 | 0.00835 PM | 1M13G7D |
| | 22H | 824.1 - 848.9 | 0.122 | 0.00928 PM | 120KW7D |
| | 22H | 824.1 - 848.9 | 0.12 | 0.00887 PM | 184KG7D |
| | 90 | 814.1 - 823.9 | 0.113 | 0.00761 PM | 1M13G7D |
| | 90 | 814.1 - 823.9 | 0.114 | 0.00951 PM | 965KW7D |
| | 90 | 814.1 - 823.9 | 0.121 | 0.009 PM | 132KW7D |
| | 90 | 814.1 - 823.9 | 0.122 | 0.00929 PM | 184KG7D |
| | 24E | 1850.2 - 1909.8 | 0.962 | 0.00886 PM | 247KGXW |

| | | | | |
|------------|------------------------|--------------|-------------------|----------------|
| 24E | 1850.2 - 1909.8 | 0.332 | 0.0092 PM | 249KG7W |
| 24E | 1850.1 - 1909.9 | 0.124 | 0.00945 PM | 1M11G7D |
| 24E | 1850.1 - 1909.9 | 0.104 | 0.00942 PM | 1M13G7D |
| 24E | 1850.1 - 1909.9 | 0.112 | 0.00926 PM | 128KG7D |
| 24E | 1850.1 - 1909.9 | 0.114 | 0.00849 PM | 184KW7D |
| 27 | 1710.1 - 1754.9 | 0.121 | 0.00947 PM | 1M11G7D |
| 27 | 1710.1 - 1754.9 | 0.108 | 0.00933 PM | 1M12G7D |
| 27 | 1710.1 - 1754.9 | 0.103 | 0.00905 PM | 130KG7D |
| 27 | 1710.1 - 1754.9 | 0.104 | 0.00903 PM | 185KW7D |
| 27 | 699.1 - 715.9 | 0.105 | 0.00937 PM | 1M12G7D |
| 27 | 699.1 - 715.9 | 0.11 | 0.00953 PM | 983KW7D |
| 27 | 699.1 - 715.9 | 0.116 | 0.00936 PM | 122KG7D |
| 27 | 699.1 - 715.9 | 1.06 | 0.00847 PM | 184KW7D |
| 27 | 777.1 - 786.9 | 0.103 | 0.00851 PM | 1M12G7D |
| 27 | 777.1 - 786.9 | 0.113 | 0.00887 PM | 963KW7D |
| 27 | 777.1 - 786.9 | 0.116 | 0.00928 PM | 129KG7D |
| 27 | 777.1 - 786.9 | 0.117 | 0.00904 PM | 185KW7D |
| 90 | 790.5 - 795.5 | 0.112 | 0.00886 PM | 1M12G7D |
| 90 | 790.5 - 795.5 | 0.117 | 0.00854 PM | 970KW7D |
| 24E | 1850.1 - 1914.9 | 0.112 | 0.00941 PM | 1M11G7D |
| 24E | 1850.1 - 1914.9 | 0.097 | 0.00955 PM | 1M12G7D |
| 24E | 1850.1 - 1914.9 | 0.1 | 0.00904 PM | 130KG7D |
| 24E | 1850.1 - 1914.9 | 0.098 | 0.00936 PM | 130KG7D |
| 27 | 1710.1 - 1779.9 | 0.102 | 0.00939 PM | 130KG7D |
| 27 | 1710.1 - 1779.9 | 0.098 | 0.00914 PM | 1M13G7D |
| 27 | 1710.1 - 1779.9 | 0.105 | 0.00915 PM | 948KW7D |
| 27 | 1710.1 - 1779.9 | 0.102 | 0.00935 PM | 184KW7D |
| 27 | 698.1 - 715.9 | 0.134 | 0.00881 PM | 1M12G7D |
| 27 | 698.1 - 715.9 | 0.138 | 0.00911 PM | 992KW7D |
| 27 | 698.1 - 715.9 | 0.122 | 0.00908 PM | 128KG7D |
| 27 | 698.1 - 715.9 | 0.121 | 0.00931 PM | 184KW7D |
| 27 | 663.1 - 697.9 | 0.113 | 0.00938 PM | 125KG7D |
| 27 | 663.1 - 697.9 | 0.112 | 0.00867 PM | 184KW7D |

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 filing.

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