

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: 08/03/2018

Application
Dated: 08/02/2018

Quectel Wireless Solutions Company Limited
7th Floor, Hongye Building,
No.1801 Hongmei Road, Xuhui 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: XMR201808EC25AF
Name of Grantee: Quectel Wireless Solutions Company Limited
Equipment Class: PCS Licensed Transmitter
Notes: LTE Module
Modular Type: Single Modular

| Grant Notes | FCC Rule Parts | Frequency Range (MHZ) | Output Watts | Frequency Tolerance | Emission Designator |
|-------------|----------------|-----------------------|--------------|---------------------|---------------------|
| | 22H | 826.4 - 846.6 | 0.209 | 0.0055 PM | 4M15F9W |
| | 22H | 824.7 - 848.3 | 0.254 | 0.0081 PM | 2M75G7D |
| | 22H | 824.7 - 848.3 | 0.252 | 0.0081 PM | 9M04G7D |
| | 22H | 824.7 - 848.3 | 0.222 | 0.0054 PM | 2M76W7D |
| | 22H | 824.7 - 848.3 | 0.219 | 0.0054 PM | 9M04W7D |
| | 24E | 1852.4 - 1907.6 | 0.208 | 0.0044 PM | 4M13F9W |
| | 24E | 1850.7 - 1909.3 | 0.243 | 0.0019 PM | 9M05G7D |
| | 24E | 1850.7 - 1909.3 | 0.24 | 0.0019 PM | 17M9G7D |
| | 24E | 1850.7 - 1909.3 | 0.202 | 0.0029 PM | 2M77W7D |
| | 24E | 1850.7 - 1909.3 | 0.199 | 0.0029 PM | 17M9W7D |
| | 27 | 1712.4 - 1752.6 | 0.222 | 0.003 PM | 4M13F9W |
| | 27 | 1710.7 - 1754.3 | 0.236 | 0.002 PM | 2M75G7D |
| | 27 | 1710.7 - 1754.3 | 0.231 | 0.002 PM | 17M9G7D |
| | 27 | 1710.7 - 1754.3 | 0.219 | 0.004 PM | 2M76W7D |
| | 27 | 1710.7 - 1754.3 | 0.216 | 0.004 PM | 17M9W7D |
| | 27 | 699.7 - 715.3 | 0.237 | 0.0077 PM | 2M75G7D |
| | 27 | 699.7 - 715.3 | 0.234 | 0.0077 PM | 9M05G7D |
| | 27 | 699.7 - 715.3 | 0.211 | 0.0054 PM | 2M76W7D |
| | 27 | 699.7 - 715.3 | 0.195 | 0.0054 PM | 9M04W7D |
| | 27 | 779.5 - 784.5 | 0.243 | 0.0078 PM | 9M03G7D |
| | 27 | 779.5 - 784.5 | 0.219 | 0.0088 PM | 9M03W7D |
| | 27 | 1710.7 - 1779.3 | 0.241 | 0.0057 PM | 9M04G7D |
| | 27 | 1710.7 - 1779.3 | 0.238 | 0.0057 PM | 17M9G7D |
| | 27 | 1710.7 - 1779.3 | 0.194 | 0.0048 PM | 2M77W7D |
| | 27 | 1710.7 - 1779.3 | 0.19 | 0.0048 PM | 17M9W7D |
| | 27 | 665.5 - 695.5 | 0.222 | 0.0053 PM | 9M03G7D |
| | 27 | 665.5 - 695.5 | 0.221 | 0.0053 PM | 17M9G7D |



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|----|---------------|-------|--------|------------|
| 27 | 665.5 - 695.5 | 0.197 | 0.0026 | PM 9M04W7D |
| 27 | 665.5 - 695.5 | 0.194 | 0.0026 | PM 17M9W7D |
| 27 | 788.0 - 798.0 | 0.244 | 0.0096 | PM 4M53G7D |
| 27 | 788.0 - 798.0 | 0.243 | 0.0096 | PM 9M02G7D |
| 27 | 788.0 - 798.0 | 0.218 | 0.0077 | PM 9M03W7D |

Single Modular Approval. Power listed is maximum conducted output power. Approval is limited to OEM installation only. Compliance of this device in all final host configurations is the responsibility of the Grantee. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not transmit simultaneously with any other antenna or transmitter, except as evaluated in this filing or in accordance with FCC multi-transmitter product procedures. The antenna(s) used for this transmitter must not exceed a maximum gain of 8dBi in 1800MHz, 8.55dBi in 600MHz, 5dBi in 1700MHz, 9.42dBi in 800MHz, and 8.73dBi in 700MHz. OEM integrators must be provided with antenna installation instructions and labeling requirements for finished products. OEM integrators and end-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance. 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.

This device supports LTE of 1.4, 3, 5, 10, 15, and 20MHz bandwidth modes for FDD LTE Bands 2, 4, and 66; LTE of 1.4, 3, 5, and 10MHz bandwidth modes for FDD LTE Bands 5 and 12; LTE of 5, and 10MHz bandwidth modes for FDD LTE Band 13 and 14; LTE of 5, 10, 15, 20MHz for LTE B71 This device contains functions that are not operational in U.S. Territories. This filing is only applicable for U.S. operations.

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| Certificate No.: 182180941/AA/00 | Gürhan Vural Product Assessor | A blue ink signature of Gürhan Vural, written in a cursive style. |
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