



**GRANT OF EQUIPMENT
AUTHORIZATION**



**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**

<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	826.4 - 846.6	0.209	0.0055 PM	4M15F9W
	22H	825.5 - 847.5	0.254	0.0081 PM	2M75G7D
	22H	829.0 - 844.0	0.252	0.0081 PM	9M04G7D
	22H	825.5 - 847.5	0.222	0.0054 PM	2M76W7D
	22H	829.0 - 844.0	0.219	0.0054 PM	9M04W7D
	24E	1852.4 - 1907.6	0.208	0.0044 PM	4M13F9W
	24E	1855.0 - 1905.0	0.243	0.0019 PM	9M05G7D
	24E	1860.0 - 1900.0	0.24	0.0019 PM	17M9G7D
	24E	1851.5 - 1908.5	0.202	0.0029 PM	2M77W7D
	24E	1860.0 - 1900.0	0.199	0.0029 PM	17M9W7D
	27	1712.4 - 1752.6	0.222	0.003 PM	4M13F9W
	27	1711.5 - 1753.5	0.236	0.002 PM	2M75G7D
	27	1720.0 - 1745.0	0.231	0.002 PM	17M9G7D
	27	1711.5 - 1753.5	0.219	0.004 PM	2M76W7D
	27	1720.0 - 1745.0	0.216	0.004 PM	17M9W7D
	27	700.5 - 714.5	0.237	0.0077 PM	2M75G7D
	27	704.0 - 711.0	0.234	0.0077 PM	9M05G7D
	27	700.5 - 714.5	0.211	0.0054 PM	2M76W7D
	27	704.0 - 711.0	0.195	0.0054 PM	9M04W7D
	27	782.0 - 782.0	0.243	0.0078 PM	9M03G7D
	27	782.0 - 782.0	0.219	0.0088 PM	9M03W7D
	27	1715.0 - 1775.0	0.241	0.0057 PM	9M04G7D
	27	1720.0 - 1770.0	0.238	0.0057 PM	17M9G7D

27	1711.5 - 1778.5	0.194	0.0048 PM	2M77W7D
27	1720.0 - 1770.0	0.19	0.0048 PM	17M9W7D
27	668.0 - 693.0	0.222	0.0053 PM	9M03G7D
27	673.0 - 688.0	0.221	0.0053 PM	17M9G7D
27	668.0 - 693.0	0.197	0.0026 PM	9M04W7D
27	673.0 - 688.0	0.194	0.0026 PM	17M9W7D
90	790.5 - 795.5	0.244	0.0096 PM	4M53G7D
90	793.0 - 793.0	0.243	0.0096 PM	9M02G7D
90	793.0 - 793.0	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.