Bay Area Compliance Laboratories Corp.

JAPAN MIC
CERTIFICATE OF TYPE APPROVAL

Certificate Number:	211-161102
Certificate Holder:	Quectel Wireless Solutions Co., Ltd. Room 501, Building 13, No. 99 Tianzhou Road, Xuhui District, Shanghai, China
Manufacturer:	Quectel Wireless Solutions Co., Ltd.
Model Number(s):	EC25-J, EC25-J MINIPCIE
Type of Equipment:	Article 2, Paragraph 1, Item 11-3, Item 11-7, Item 11-19, Item 54 W-CDMA/HSPA, FD-LTE, TD-LTE Land Mobile Station
Category:	Specified Radio Equipment Specified in Article 38-2-2, Paragraph 1, Item 2 of the Radio Law
Frequency Range:	Please refer to Annex A
Modulation(s):	W-CDMA/HSPA: BPSK, QPSK, OQPSK, 16QAM, 64QAM FDD-LTE: BPSK, QPSK, 16QAM, 64QAM TDD-LTE: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Channel Spacing:	W-CDMA/HSPA: 200 kHz FDD-LTE/TDD-LTE: 100 kHz
Type of Emissions:	W-CDMA/HSPA: G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W FDD-LTE: D1A, D1B, D1C, D1D, D1E, D1F, D1X, D7W, G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W TDD-LTE: X1A, X1B, X1C, X1D, X1F, X1X, X7W
Antenna Output Power:	Please refer to Annex A
Antenna Type:	External Antennas Maximum Gain allowed: 3.0 dBi
Standards Applied:	MIC Notices NO. 88 Annex 1, 29, 75, 79
Remark:	B16110124, RSH160929052-07A, RSH160929052-07B Software Version: EC25JFAR02A02M4G
Registered Certification Body:	RCB ID: 211 Bay Area Compliance Laboratories Corp. 1274 Anvilwood Ave., Sunnyvale, CA 94089, USA Tel: 1-(408)-732-9162, Fax: 1-(408)-732-9164 www.baclcorp.com

This certificate is issued to the applicant for the product(s) listed above which is (are) compliant with the Radio Law (Law No. 131, 1950) and Amendments.

Authorized by:

John Chan, Certification Manager

Bay Area Compliance Labs Corp.

Issue Date: 2017-03-14

JRMIC-B

Annex A

Article 2, Para 1, Item 11-3:

WCDMA: G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W
5M00: 1922.6-1977.4 MHz (200 kHz, 275 CH), 200 mW
832.4-842.6 MHz (200 kHz, 52 CH), 200 mW
832.5 MHz, 837.5 MHz, 842.5 MHz (3 CH), 200 mW
902.6-912.4 MHz (200 kHz, 50 CH), 200 mW

Article 2, Para 1, Item 11-7:

HSPA: G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W
5M00: 1922.6-1977.4 MHz (200 kHz, 275 CH), 200 mW
832.4-842.6 MHz (200 kHz, 52 CH), 200 mW
832.5 MHz, 837.5 MHz, 842.5 MHz (3 CH), 200 mW
902.6-912.4 MHz (200 kHz, 50 CH), 200 mW

Article 2, Para 1, Item 11-19:

FDD-LTE: D1A, D1B, D1C, D1D, D1E, D1F, D1X, D7W
G1A, G1B, G1C, G1D, G1F, G1E, G1X, G7W

5M00: 1922.5-1927.1 MHz (100 kHz, 47 CH), 15.85 mW
1927.2-1977.5 MHz (100 kHz, 504 CH), 200 mW
1747.4-1782.4 MHz (100 kHz, 351 CH), 200 mW
817.5-842.5 MHz (100 kHz, 251 CH), 200 mW
902.5-912.5 MHz (100 kHz, 101 CH), 200 mW

10M0: 1925-1934.6 MHz (100 kHz, 97 CH), 15.85 mW
1934.7-1975.0 MHz (100 kHz, 404 CH), 200 mW
1749.9-1779.9 MHz (100 kHz, 301 CH), 200 mW
905-910 MHz (100 kHz, 51 CH), 200 mW
820-840 MHz (100 kHz, 201 CH), 200 mW

15M0: 1927.5-1942.1 MHz (100 kHz, 147 CH), 15.85 mW
1942.2-1972.5 MHz (100 kHz, 304 CH), 200 mW
1932.5 MHz (It is limited when transmitting the continuous Maximum 5.4 MHz widht between 1927.19-1937.81 MHz), 200 mW
1752.4-1777.4 MHz (100 kHz, 251 CH), 200 mW
822.5-837.5 MHz (100 kHz, 151 CH), 200 mW

20M0: 1930-1949.6 MHz (100 kHz, 197 CH), 15.85 mW
1949.7-1970.0 MHz (100 kHz, 204 CH), 200 mW
1930.0 MHz (It is limited when transmitting the continuous Maximum 4.32 MHz widht between 1925.32-1934.68 MHz), 200 mW
1754.9-1774.9 MHz (100 kHz, 201 CH), 200 mW

Article 2, Para 1, Item 54:

TDD-LTE: X1A, X1B, X1C, X1D, X1F, X1X, X7W
5M00: 2547.5-2652.5 MHz (100 kHz, 1051 CH), 200 mW
10M0: 2550.0-2650.0 MHz (100 kHz, 1001 CH), 200 mW
20M0: 2555.0-2645.0 MHz (100 kHz, 901 CH), 200 mW

***** END OF ANNEX A *****