

Statement of opinion with respect to the presumption of Compliance of a product with the essential requirements of

## R&TTE DIRECTIVE 1999/5/EC

Certificate Number	R-15061203		
Certificate Holder	Quectel Wireless Solutions Co., Ltd.		
Address	RM501, Building 13, No.99 Tian Zhou Road, Xuhui District, Shanghai, China		
Manufacturer	Quectel Wireless Solutions Co., Ltd.		
Product Type/Description	Multi-mode LTE Module		
Trade Name	Quectel		
Model Number	EC20-E, EC20-E MiniPCle		

Applied / Complied Harmonized Standards			
R&TTE Directive 1999/5/EC, Article 3(1)(a) ■ Health & Safety	EN 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013 EN 62311: 2008		Υ
R&TTE Directive 1999/5/EC, Article 3(1)(b)  ■ EMC	EN 301 489-1 V1.9.2 EN 301 489-7 V1.3.1 EN 301 489-24 V1.5.1	EN 301 489-3 V1.6.1 EN 301 489-17 V2.2.1	Υ
R&TTE Directive 1999/5/EC, Article 3(2) ■ Radio	EN 301 511 V9.0.2 EN 301 908-2 V6.2.1	EN 301 908-1 V6.2.1 EN 301 908-13 V6.2.1	Υ

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**Authorized By:** Leslie Bai

Issue Date: June 12, 2015 **Director of Certification** 

PS: This Certificate is Issued in Accordance with Annex IV of the R&TTE Directive 1999/5/EC and Is only valid in Conjunction with the Following Annex I. 775 Montague Expressway, Milpitas, CA 95035, USA



## **Annex I of R&TTE EC Certificate**

Certificate Number: R-15061203

Product Specifications				
Frequency Range	880.2-914.8 MHz (GSM900), 1710.2-1784.8 MHz (DCS1800) 1922.4-1977.6 MHz (WCDMA Band I), 880.2-914.8 MHz (WCDMA Band VIII) 1927.5-1970 MHz (LTE Band I), 1710.7-1784.3 MHz (LTE Band III) 2502.5-2567.5 MHz (LTE Band VII), 880-915 MHz (LTE Band VIII) 834.5-859.5 MHz (LTE Band XX) 32.85 dBm (GSM900), 29.91 dBm (DCS1800) 23.36 dBm (WCDMA Band I), 22.93 dBm (WCDMA Band VIII) 22.77 dBm (LTE Band I), 22.99 dBm (LTE Band III), 22.97 dBm (LTE Band VIII) 22.96 dBm (LTE Band VIII), 22.97 dBm (LTE Band XX)			
RF Output Power				
Type of Antenna	External Antenna			
Modulation	GMSK, 8PSK (GSM900/DCS1800) 16QAM, QPSK (WCDMA) 16QAM, QPSK (LTE)			
Mode of Operation(Simplex / Duplex)	Duplex			
Duty Cycle				
Comments (product class if applicable)	Class 1			

## **Technical Construction File**

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EU Notif Test Report CE 2200)						
R&TTE Directive 1999/5/EC, Article 3(1)(a)  Health & Safety	15050017-CE- S	15050017-CE- H	111			
R&TTE Directive 1999/5/EC, Article 3(1)(b)   ■ EMC	15050017-CE-E	CB)	111			
R&TTE Directive 1999/5/EC, Article 3(2) ■ Radio	15050017- CE-R1 15050017-CE-R3	15050017-CE-R2 15050017-CE-R4				
User Manua		101/1				
Product Labe		A - III				
Block Diagram		1111				
Circuit Diagram		111111				
BOM						
Declaration of Conformity						

Based on the evidence presented, our opinion in accordance with Annex IV of Council Directive 1999/5/EC on Radio Equipment and Telecommunications Equipment and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state.

No configuration, other than described above, has been considered and is therefore not included in this certificate

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Please check the validation of this certificate at http://www.siemic.com/Pages/siemic\_db/public/certverification.asp