# **FCC RF Test Report**

**APPLICANT**: Quectel Wireless Solutions Co., Ltd.

**EQUIPMENT**: Smart Module

BRAND NAME : Quectel MODEL NAME : SC20-WL

FCC ID : XMR201911SC20WL

STANDARD : FCC Part 15 Subpart E §15.407

**CLASSIFICATION**: (NII) Unlicensed National Information Infrastructure

The product was received on Apr. 10, 2017. We, Sporton International (KunShan) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (KunShan) Inc., the test report shall not be reproduced except in full.

Reviewed by: Jason Jia / Supervisor

JasonJia

Approved by: James Huang / Manager

### Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: XMR201911SC20WL Page Number : 1 of 5
Report Issued Date : Dec. 30, 2019
Report Version : Rev. 01

Report No.: FR9O2503E

Report Template No.: BU5-FR15EWLB4 AC MA Version 2.0

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#### **APPENDIX A. ORIGINAL REPORT**

Sporton International (Kunshan) Inc.

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# **REVISION HISTORY**

Report No. : FR9O2503E

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR9O2503E	Rev. 01	Initial issue of report	Dec. 30, 2019

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## 1 General Description

### 1.1 Applicant

#### Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China

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#### 1.2 Manufacturer

#### Quectel Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China

### 1.3 Product Feature of Equipment Under Test

Product Feature			
Equipment	Smart Module		
Brand Name	Quectel		
Model Name	SC20-WL		
FCC ID	XMR201911SC20WL		
EUT supports Radios application	WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 Bluetooth v3.0 + EDR/Bluetooth v4.2 LE		
HW Version	R1.0		
SW Version	SC20WLSAR09A01		
EUT Stage	Identical Prototype		

#### Remark:

- 1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
- 2. This project is FCC change ID application (original report FCC ID: XMR201709SC20W) and changed items are as followed. Since the test result is not affected by the changes, so all the test results release from original report FR741007-02E (FCC ID: XMR201709SC20W) which can be referred to Appendix A.

Change item	Original	Present	
Operating System	Android	Linux	
model name	SC20-W	SC20-WL	
SW Version	SC20WSCR04A01H8G	SC20WLSAR09A01	
Company Addr.	Hongmei Road, Xuhui District, Shanghai	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China	

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# 1.4 Product Specification of Equipment Under Test

Standards-related Product Specification				
Tx/Rx Channel Frequency Range	5745 MHz ~ 5825 MHz			
Type of Modulation	802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)			
Antenna Type / Gain	Dipole Antenna with gain 4.00 dBi			

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### 1.5 Modification of EUT

No modifications are made to the EUT during all test items.

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# **Appendix A. Original Report**

Please refer to original report FR741007-02E which is issued separately.

Sporton International (Kunshan) Inc.

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