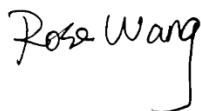


# RF Exposure Evaluation Report

APPLICANT : Quectel Wireless Solutions Co., Ltd.  
EQUIPMENT : Smart Module  
BRAND NAME : Quectel  
MODEL NAME : SC20-WL  
FCC ID : XMR201911SC20WL  
STANDARD : 47 CFR Part 2.1091

We, Sporton International (Kunshan) Inc., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1091, and pass the limit. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.



Reviewed by: Rose Wang / Supervisor



Approved by: Kat Yin / Manager



**Sporton International (Kunshan) Inc.**

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



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**Revision History**

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FA9O2503   | Rev. 01 | Initial issue of report | Dec. 30, 2019 |
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**1. Administration Data****1.1. Testing Laboratory**

| Applicant    |                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------|
| Company Name | Quectel Wireless Solutions Co., Ltd.                                                                                  |
| Address      | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China |

| Manufacturer |                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------|
| Company Name | Quectel Wireless Solutions Co., Ltd.                                                                                  |
| Address      | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China |

## 2. Description of Equipment Under Test (EUT)

| Product Feature & Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| EUT Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Smart Module                                                                                                                                                                                                                                |                                                                                                                       |
| Brand Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quectel                                                                                                                                                                                                                                     |                                                                                                                       |
| Model Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SC20-WL                                                                                                                                                                                                                                     |                                                                                                                       |
| FCC ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | XMR201911SC20WL                                                                                                                                                                                                                             |                                                                                                                       |
| Wireless Technology and Frequency Range                                                                                                                                                                                                                                                                                                                                                                                                                                           | WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz<br>WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz<br>WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz<br>WLAN 5.5GHz Band: 5500 MHz ~ 5700 MHz<br>WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz<br>Bluetooth: 2402 MHz ~ 2480 MHz |                                                                                                                       |
| Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 802.11b/g/n HT20/HT40<br>802.11a/n HT20/HT40<br>Bluetooth v3.0 + EDR, Bluetooth v4.0 LE, Bluetooth v4.2 LE                                                                                                                                  |                                                                                                                       |
| Antenna Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | WLAN: Dipole Antenna<br>Bluetooth: Dipole Antenna                                                                                                                                                                                           |                                                                                                                       |
| HW Version                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | R1.0                                                                                                                                                                                                                                        |                                                                                                                       |
| SW Version                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SC20WLSAR09A01                                                                                                                                                                                                                              |                                                                                                                       |
| EUT Stage                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Identical Prototype                                                                                                                                                                                                                         |                                                                                                                       |
| <b>Remark:</b><br>1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.<br>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 FA741007-02 (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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China                                                                                                                                                    | Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China |



**Appendix A. Original Report**

Please refer to original report FA741007-02 which is issued separately.