



# FCC RF Test Report

**APPLICANT** : Quetel Wireless Solutions Co., Ltd.  
**EQUIPMENT** : Smart Module  
**BRAND NAME** : Quetel  
**MODEL NAME** : SC20-AL  
**FCC ID** : XMR201911SC20AL  
**STANDARD** : 47 CFR Part 2, and 90(S)  
**CLASSIFICATION** : PCS Licensed Transmitter (PCB)

The product was received on Nov. 14, 2019. We, Sporton International (KunShan) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown 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.

Jason Jia

Reviewed by: Jason Jia / Supervisor

James Huang

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



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APPENDIX A. ORIGINAL REPORT





# 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

## 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 Feature of Equipment Under Test

Product Feature & Specification	
<b>Equipment</b>	Smart Module
<b>Brand Name</b>	Quectel
<b>Model Name</b>	SC20-AL
<b>FCC ID</b>	XMR201911SC20AL
<b>EUT supports Radios application</b>	GSM/GPRS/EGPRS/WCDMA/HSPA/ DC-HSDPA/HSPA+(16QAM uplink is not supported)/LTE/ WLAN 2.4GHz 802.11b/g/n HT20/HT40/ WLAN 5GHz 802.11a/n HT20/HT40/ Bluetooth v3.0 + EDR/ v4.2 LE
<b>HW Version</b>	R1.0
<b>SW Version</b>	SC20ALSAR09A01
<b>EUT Stage</b>	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. The standards updated the latest version. This project is FCC change ID application (original report FCC ID: XMR201706SC20A) 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 FW741007 (FCC ID: XMR201706SC20A) which can be referred to Appendix A.

Change item	Original	Present
<b>Operating System</b>	Android	Linux
<b>model name</b>	SC20-A	SC20-AL
<b>SW Version</b>	SC20ASAR04A03H8G	SC20ALSAR09A01
<b>Company Addr.</b>	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



### 1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx Frequency	LTE Band 26 : 814.7 ~ 823.3 MHz
Rx Frequency	LTE Band 26 : 859.7 ~ 868.3 MHz
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
Antenna Type	Dipole Antenna
Type of Modulation	QPSK / 16QAM

Remark: This test report recorded only product characteristics and test results of PCS Licensed Transmitter (PCB).

### 1.5 Modification of EUT

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

### 1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 2, 90(S)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01



## **Appendix A. Original Report**

Please refer to original report FW741007 which is issued separately.