

# **FCC TEST REPORT**

## **FCC ID: 2ALLGSY11-1**

Product Name : luusmm

Model Name : SY11-1

Brand : Luusmm

Report No. : PTCDQ03170252101E-FC02

### **Prepared for**

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### **Prepared by**

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## TEST RESULT CERTIFICATION


Applicant's name : DONGGUAN YUELI ELECTRONIC TECHNOLOGY CO.,LTD  
Address : Room309,hongfu office building,hengmei road,nancheng district,Dongguan Shenzhen, China  
Manufacture's name : DONGGUAN YUELI ELECTRONIC TECHNOLOGY CO.,LTD  
Address : Room309,hongfu office building,hengmei road,nancheng district,Dongguan Shenzhen, China  
Product name : luusmm  
Model name : SY11-1  
Standards : FCC CFR47 Part 1.1307(b)(1)  
Test procedure : KDB 447498 D01 General RF Exposure Guidance v06  
Test Date : Mar.26. 2017 ~ Mar.31. 2017  
Date of Issue : April. 03, 2016  
Test Result : Pass

This device described above has been tested by PTS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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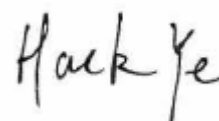
Testing Engineer

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## 2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		

### **3 General Information**

#### **3.1 General Description of E.U.T.**

Product Name : luusmm

Model Name : SY11-1

Model Description : Only different in model name

Bluetooth Version : V4.1 (Only support EDR)

Operating frequency : 2402-2480MHz,79channels

Antenna installation: : Ceramic Chip Antenna

Antenna Gain: : 1.5dBi

The lowest oscillator: : 32.768KHz

Type of Modulation : GFSK, Pi/4DQPSK, 8DPSK

Power supply : DC 3.7V by battery

## 4 RF Exposure

Test Requirement : FCC Part 1.1307

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v05

### 4.1 Requirements

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

$$\left[ \frac{\text{[(max. power of channel, including tune-up tolerance, mW)]}}{\text{[(min. test separation distance, mm)]}} \cdot \left[ \sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR where} \right.$$

1.  $f(\text{GHz})$  is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.

### 4.2 The procedures / limit

Conducted Peak power(dBm)	Conducted Peak power(mW)	Source-based time-averaged maximum conducted output power(mW)	Minimum test separation distance required for the exposure conditions (mm)	SAR Test Exclusion Thresholds(mW)
4.37	2.735	2.735	5	9.525
Remark: Max. duty factor is 100%				
Calculation formula: Source-based time-averaged maximum conducted output power(mW) = Conducted peak power(mW) * Duty factor				

\*\*\*\*\*THE END REPORT\*\*\*\*\*