

## EVALUATION REPORT

**Applicant Name:**  
 WISOL CO., LTD

**Date of Evaluation:**  
 Dec 13, 2017

**Address:**  
 531-7, Gajang-ro, Osan-si Gyeonggi-do, 18103, Korea

**Test Site/Location:**  
 HCT CO., LTD., 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA

<b>FCC ID</b>	<b>: 2ABA2SFM60R2</b>
<b>IC:</b>	<b>: 11534A-SFM60R2</b>
<b>APPLICANT</b>	<b>: WISOL CO., LTD</b>

### Test Data Re-Use Summary

**Introduction**

FCC ID: 2ABA2SFM60R2  
 IC: 11534A-SFM60R2  
 Equipment Class(es): DTS, DSS  
 FCC Rule Part(s): 15.247  
 ISED Rule Part(s): RSS-247 Issue 2 (February 2017), RSS-Gen Issue 4 (November 2014)  
 Application's Statement: The applicant takes full responsibility that the test data referenced below represents compliance for this FCC ID and IC.

**Differences**

**Brief Description:** Bluetooth & Sigfox hardware and software of this device are identical to the implementation in FCC ID: 2ABA2SFM20R2 and IC: 11534A-Sfm20R2. The operational description includes detailed information about the changes between the devices. The data from that application has been verified through appropriate spot checks to demonstrate compliance for this device as shown in the summary table below.

**Spot Check Verification Result Summary**

(Note: The detail test data can be found in this documents, Appendix A, hereafter)

Category	Spot Check	Verdict
Unlicensed EMC	Band Edge	Share
	Spurious Emissions	Share

**Reference Detail Section**

Equipment Class	Reference FCC ID	Folder Test/RF Exposure	Report Title/Section
DSS	2ABA2SFM20R2	Bluetooth Report	All Sections
DTS	2ABA2SFM20R2	BT LE Report	All Sections
	2ABA2SFM20R2	Sigfox	All Sections

## Appendix A. The Spot check test data

### 1. Summary of the spot check for BLE

Test Item	SFM20R2 Result [dBuV/m]		SFM60R2 Result [dBuV/m]		Gap [dB]	
	Peak	Average	Peak	Average	Peak	Average
Band Edge	68.13	44.65	67.73	42.38	-0.40	-2.27
RSE	58.38	50.04	55.72	44.20	-2.66	-5.84

### 2. Summary of the spot check for Sigfox

Band	Test Channel	SFM20R2 Result [dBuV/m]	SFM60R2 Result [dBuV/m]	Gap [dB]	Measurement Type
Low	Low	53.26	56.97	3.71	PK
	Mid	52.64	56.23	3.59	PK
	High	52.80	56.25	3.45	PK
High	Low	55.05	55.19	0.14	PK
	Mid	54.49	55.02	0.53	PK
	High	55.21	60.65	5.44	PK
Low	Low	48.48	48.34	-0.14	AV
	Mid	48.99	49.2	0.21	AV
	High	47.6	50.93	3.33	AV
High	Low	47.47	43.26	-4.21	AV
	Mid	47.66	49.85	2.19	AV
	High	47.52	48.81	1.29	AV