

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

FCC ID	: 2ABA2SFM60R4
IC:	: 11534A-SFM60R4
APPLICANT	: WISOL CO., LTD

Test Data Re-Use Summary

Introduction

FCC ID: 2ABA2SFM60R4
 IC: 11534A-SFM60R4
 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: 2ABA2SFM20R4 and IC: 11534A-SFM20R4. 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	2ABA2SFM20R4	Sigfox	All Sections
DTS	2ABA2SFM20R4	BT LE Report	All Sections

Appendix A. The Spot check test data

1. Summary of the spot check for BLE

Test Item	SFM20R4 Result [dBuV/m]		SFM60R4 Result [dBuV/m]		Gap [dB]	
	Peak	Average	Peak	Average	Peak	Average
Band Edge	65.56	44.57	68.33	43.28	2.77	-1.29
RSE	59.07	50.56	54.91	44.89	-4.16	-5.67

2. Summary of the spot check for Sigfox

Test Channel	SFM20R4 Result [dBuV/m]	SFM60R4 Result [dBuV/m]	Gap [dB]	Measurement Type
Low	54.29	57.56	3.27	PK
Mid	53.95	58.69	4.74	PK
High	54.00	55.50	1.50	PK
Low	46.32	48.83	2.51	AV
Mid	46.14	50.40	4.26	AV
High	47.33	47.13	-0.20	AV