Shenzhen Most Technology Service Co., Ltd.
No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.

RF Exposure Evaluation Report

Report Reference No.....:	**MTWG22040320-H**
FCC ID..... :	**IKQBTMSS**
Compiled by (position+printed name+signature)..:	File administrators Alisa Luo
Supervised by (position+printed name+signature)..:	Test Engineer Sunny Deng
Approved by (position+printed name+signature)..:	Manager Yvette Zhou
Date of issue.....:	**April 28, 2022**
Representative Laboratory Name .:	**Shenzhen Most Technology Service Co., Ltd.**
Address .....:	No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.
Applicant's name.....:	**Scosche Industries Inc.**
Address .....:	**1550 Pacific Ave, Oxnard, CA 93033.**
Test specification/ Standard .....**:**	**47 CFR Part 1.1307** **47 CFR Part 2.1093**
TRF Originator.....:	Shenzhen Most Technology Service Co., Ltd.

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Test item description .....:	Portable Wireless Speaker with Built-in Magsafe
Trade Mark .....:	Scosche
Model/Type reference.....:	BTMSS
Listed Models .....:	BTMSSWT
Modulation Type .....:	GFSK, π/4DQPSK, 8DPSK
Operation Frequency.....:	From 2402MHz to 2480MHz
Hardware Version.....	1.0
Software Version	1.0
Rating .....:	DC 3.7V(by battery) DC 5V(by USB)
Result.....:	PASS

TEST REPORT

Equipment under Test	:	Portable Wireless Speaker with Built-in Magsafe
Model /Type	:	BTMSS
Listed Models	:	BTMSSWT
Remark		Only the model name and exterior color are different
Applicant	:	**Scosche Industries Inc.**
Address	:	1550 Pacific Ave, Oxnard, CA 93033.
Manufacturer	:	**Scosche Industries Inc.**
Address	:	1550 Pacific Ave, Oxnard, CA 93033.

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2022.04.28	Initial Issue	Alisa Luo

2. SAR Evaluation

2.1 RF Exposure Compliance Requirement

2.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06
4.3.1. Standalone SAR test exclusion considerations
Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

2.1.2 Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] • [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation[17]
The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 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

2.1.3 EUT RF Exposure

Measurement Data

BT classic

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power (dBm)
Lowest(2402MHz)	-2.018	-2.018±1	-1.018
Middle(2440MHz)	-0.041	-0.041±1	0.959
Highest(2480MHz)	0.998	0.998±1	1.998

π /4DQPSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power (dBm)
Lowest(2402MHz)	-0.134	-0.134±1	0.866
Middle(2440MHz)	1.831	1.831±1	2.831
Highest(2480MHz)	2.871	2.871±1	3.871

8DPSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power (dBm)
Lowest(2402MHz)	0.147	0.147±1	1.147
Middle(2440MHz)	2.118	2.118±1	3.118
Highest(2480MHz)	3.133	3.133±1	4.133

Worst case: GFSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Middle(2480MHz)	3.133	4.133	2.59	0.87	3.0	Yes

.....THE END OF REPORT.....