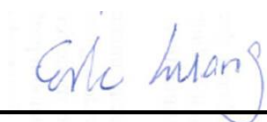


RF Exposure Evaluation Report

APPLICANT : Soundhawk Corporation
EQUIPMENT : BT MIC
BRAND NAME : SOUNDHAWK
MODEL NAME : SHK001
FCC ID : 2ABW3-WM1
STANDARD : 47 CFR Part 2.1093
FCC KDB 447498 D01 v05r02

We, SPORTON INTERNATIONAL INC., would like to declare that the device has been evaluated in accordance with 47 CFR Part 2.1093, and pass the limit. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Reviewed by: Eric Huang / Deputy Manager



Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.



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Revision History

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FA442473-01	Rev. 01	Initial issue of report	Sep. 19, 2014



1. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978

Applicant	
Company Name	Soundhawk Corporation
Address	20380 Town Center Lane, Suite 215, Curpertino, CA 95014

Manufacturer	
Company Name	FIH Mobile Limited
Address	No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan

2. General Information

2.1 Description of Device Under Test (DUT)

Product Feature & Specification	
DUT Type	BT MIC
Brand Name	SOUNDHAWK
Model Name	SHK001
FCC ID	2ABW3-WM1
Wireless Technology and Frequency Range	Bluetooth: 2402 MHz ~ 2480 MHz
Mode	• Bluetooth 3.0 + EDR
Antenna Type	PIFA Antenna
HW Version	PVT
SW Version	0.2.0
DUT Stage	Production Unit

**3. Maximum RF output power among production units**

Band / Mode	Average Power (dBm)
	v3.0+EDR
Bluetooth	9.5

4. RF Exposure Evaluation

Bluetooth Max Power (dBm)	mW	Separation Distance (mm)	Frequency (GHz)	Exclusion Thresholds
9.5	2.51	5	2.48	2.83

Note:

1. Per KDB 447498 D01v05r02, 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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for}$$

1-g SAR and ≤ 7.5 for 10-g extremity SAR

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

Conclusion: Per KDB 447498 D01v05r02, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion. The test exclusion threshold is 2.83 which is ≤ 3 , SAR testing is not required.