Report No.: DDT-R22030823-2E02

Issued Date: Apr. 01, 2022

RF EXPOSURE REPORT

FOR

Applicant	**:**	Lifeguard Press, Inc.
Address	**:**	134 Beech Bend Rd. Bowling Green, KY 42101
Equipment under Test	**:**	Wireless Speaker
Model No.	**:**	WSPKR, WSPKR-212602, WSPKR-212604
Trade Mark	**:**	N/A
FCC ID	**:**	2AZOP-WSPKR
Manufacturer	**:**	Lifeguard Press, Inc.
Address	**:**	134 Beech Bend Rd. Bowling Green, KY 42101

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

Add.: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

Tel.: +86-0769-38826678, **E-mail:** ddt@dgddt.com, http://www.dgddt.com

REPORT

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Test Report Declare

Applicant	:	Lifeguard Press, Inc.
Address	:	134 Beech Bend Rd. Bowling Green, KY 42101
Equipment under Test	:	Wireless Speaker
Model No.	:	WSPKR, WSPKR-212602, WSPKR-212604
Trade mark	:	N/A
Manufacturer	:	Lifeguard Press, Inc.
Address	:	134 Beech Bend Rd. Bowling Green, KY 42101

Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Dongguan Dongdian Testing Service Co., Ltd. and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Dongguan Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	DDT-R22030823-2E02		
Date of Receipt:	Mar. 10, 2022	**Date of Test:**	Mar. 10, 2022 ~ Mar. 31, 2022

Prepared By:

Johnny Wang

Johnny Wang/Engineer

Approved By:

DONGGUAN DONGDIAN TESTING SERVICE CO., LTD. APPROVED

Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan Dongdian Testing Service Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Apr. 01, 2022	

1. General Information

1.1. Description of equipment

EUT* Name	:	Wireless Speaker
Model Number	:	WSPKR, WSPKR-212602, WSPKR-212604
Difference of models	:	Above models are identical in schematic and structure, only the name and colour are different for all the models, therefore the test performed on the model WSPKR.
EUT function description	:	Please reference user manual of this device
Power Supply	:	DC 5V from external AC Adapter DC 3.7 V Polymer Li-ion built-in battery
Radio Specification	:	Bluetooth V5.0
Operation Frequency	:	2402 MHz - 2480 MHz
Modulation	:	GFSK, π/4-DQPSK
Data Rate	:	1 Mbps, 2 Mbps
Antenna Gain	:	-0.58 dBi
Serial Number	:	N/A

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd.

Add.: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808.

Tel.: +86-0769-38826678, http://www.dgddt.com, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, G-20118

2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

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

The result is rounded to one decimal place for comparison

Manufacturing Tolerance

BT

GFSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	3.18	3.52	3.75
Tolerance ±(dB)	1	1	1
π/4DQPSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	3.54	3.94	**4.18**
Tolerance ±(dB)	1	1	1

Estimtion Result

Worse case is as below: [2480 MHz, 5.18 dBm, (3.296 mW) output power]

(3.296/5) ·[√2.48(GHz)] = 1.04 < 3.0 for 1-g SAR

Then SAR evaluation is not required.

END OF REPORT