RF EXPOSURE REPORT

FOR

Applicant	:	LOUD AUDIO, LLC
Address	:	19820 North Creek Parkway, Suite #201, Bothell, WA 98011-8227, USA
Equipment under Test	:	Wireless Headphones with Mic and Control
Model No.	:	MC-40BT
Trade Mark	:	(logo)
FCC ID	:	2AD4XMC40BT
Manufacturer	:	LOUD AUDIO, LLC
Address	:	19820 North Creek Parkway, Suite #201, Bothell, WA 98011-8227, USA

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

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TEST REPORT DECLARE

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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-R21091612-2E04		
Date of Receipt:	Sep. 20, 2021	**Date of Test:**	Sep. 20, 2021 ~ Dec. 09, 2021

Prepared By: *Approved By:*

Ben Jin

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Ben Jin/Engineer   *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	Dec. 09, 2021	

1. General information

1.1. Description of Equipment

EUT* Name	:	Wireless Headphones with Mic and Control
Model Number	:	MC-40BT
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	DC 5V from external adapter DC 3.7V Polymer Li-ion built-in battery
Radio Specification	:	Bluetooth V5.0
Operation Frequency	:	2402MHz-2480MHz
Modulation	:	GFSK, π/4-DQPSK, 8DPSK
Data Rate	:	1 Mbps, 2 Mbps, 3 Mbps
Antenna Gain	:	Maximum PK gain: 1.24 dBi
Sample Type	:	Series production
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)] ·[$\sqrt{f(GHz)}$] ≤ 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

3. Estimation Result

Worse case is as below: [2480MHz, 6.10 dBm, 4.074 mW) output power]

$(4.074/5)·[\sqrt{2.402}(GHz)]$ =1.263<3.0 for 1-g SAR

Then SAR evaluation is not required

END OF REPORT