RF EXPOSURE REPORT

FOR

Applicant	:	MODERN ELECTRONICS FACTORY LTD.
Address	:	FLAT/RM C, BLK4, 10/F, KWUN TONG INDUSTRIAL CENTRE, 436-446 KWUN TONG ROAD, KWUN TONG, HK.
Equipment under Test	:	FLASHING LIGHT KARAOKE
Model No.	:	JT1098, KO3-03121, KO3-03027, KO3-03035, KO3-03005, KO3-03706, KO3-03121-FR, KO3-03027-FR, KO3-03035-FR, KO3-03005-FR, KO3-03706-FR, KO3-03101; KO3-03136; KO3-03257; KO3-03011; KO3-03XXX; KO3-03XXX-XXX (XXX is reserved for future color and cosmetic change, it can be 0-9, A-Z or N/A)(-XXX is reserved for country change, it can be 0-9, A-Z or N/A)
Trade Mark	:	N/A
FCC ID	:	2ANH76961098
Manufacturer	:	Keng Fu Jia Electronics (Shenzhen) Co., LTD.
Address	:	Sui Wai Sun Chuen, Tai Long, Lung Wah, Shenzhen, GD, China.

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: +86-0769-89201699, **E-mail:** ddt@dgddt.com, http://www.dgddt.com

REPORT

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TEST REPORT DECLARE

Applicant	:	MODERN ELECTRONICS FACTORY LTD.
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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-R18051103-1E3		
Date of Receipt:	May 16. 2017	**Date of Test:**	May 16. 2017 ~ May 15, 2018

Prepared By:

Ella Gong

Ella Gong/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	May 15, 2018	

1. General information

1.1. Description of Equipment

EUT* Name	:	FLASHING LIGHT KARAOKE
Model Number	:	JT1098 KO3-03121, KO3-03027, KO3-03035, KO3-03005, KO3-03706, KO3-03121-FR, KO3-03027-FR, KO3-03035-FR, KO3-03005-FR,KO3-03706-FR,KO3-03101,KO3-03136,KO3-03257 ,KO3-03011,KO3-03XXX,KO3-03XXX-XXX (XXX is reserved for future color and cosmetic change, it can be 0-9, A-Z or N/A)(-XXX is reserved for country change, it can be 0-9, A-Z or N/A)
EUT function description	:	Please reference user manual of this device
Power supply	:	DC 5V from AC Adapter input AC 100-240V or DC 9V from battery
Radio Specification	:	Bluetooth V4.2
Operation frequency	:	2402MHz -2480MHz
Modulation	:	GFSK, π/4-DQPSK, 8DPSK
Data rate	:	1Mbps, 2Mbps, 3Mbps
Antenna Type	:	Integrate antenna, maximum PK gain: -0.68dBi
Sample Type	:	Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd

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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

Worse case is as below: [2480MHz,-5.57dBm (0.28mW) output power]

(0.28/5) ·[√2.480(GHz)]= 0.088<3.0 for 1-g SAR

Then SAR evaluation is not required

END OF REPORT