

RF Exposure Evaluation Declaration

Product Name : Fuzion Remote Control

Brand Name : Sleep Number

Model No. : 5000E

FCC ID : LPM-5000E

Applicant : Sleep Number Corporation

Address : 1001 3rd ave South Minneapolis, MN 55404

Date of Receipt : Mar. 28, 2022

Issued Date : May 05, 2022

Report No. : 2230977R-E3032410101-A

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.


Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

The test report shall not be reproduced except in full without the written approval of DEKRA Testing and Certification Co., Ltd.



Product Name : Fuzion Remote Control
Applicant : Sleep Number Corporation
Address : 1001 3rd ave South Minneapolis, MN 55404
Manufacturer : Sleep Number Corporation
Address : 1001 3rd ave South Minneapolis, MN 55404
Brand Name : Sleep Number
Model No. : 5000E
FCC ID : LPM-5000E
EUT Voltage : DC 3V for battery (AA battery*2)
Testing Voltage : DC 3V
Applicable Standard : KDB 447498 D01 v06 ☐ Minimum test separation distance \geq 20 cm
☒ For low power devices

Laboratory Name : DEKRA Testing and Certification Co., Ltd.
Hsin Chu Laboratory
Address : No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County
310, Taiwan, R.O.C.
Test Result : Complied

Documented By : 
(Hailey Peng / Senior Engineer)

Approved By : 
(Rueyyan Lin / Supervisor)

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Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	May 05, 2022

1. General Information

1.1. EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
Bluetooth	2400 ~ 2483.5	2402 ~ 2480	LE: GFSK (1 Mbps)

Note: The above EUT information is declared by the manufacturer.

1.2. Test Facility

Laboratory Information

USA : **FCC Registration Number: TW3024**
Canada **CAB identifier : TW3024**

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

If you have any comments, please don't hesitate to contact us. Our test sites as below:

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	1. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. 2. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
Phone number	1. +886-3-582-8001 2. +886-3-582-8001
Fax number	1. +886-3-582-8958 2. +886-3-582-8958
E mail address	info.tw@dekra.com
Website	http://www.dekra.com.tw

Note: Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.

2. RF Exposure Evaluation

2.1. Test Limit

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

2.2. Test Result of RF Exposure Evaluation

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 (Power(mW)/separation (mm)*sqrt(f(GHz)≤3.0), SAR is required as shown in the table below where calculated values are greater than 3.0:

Evaluation Mode	Frequency (MHz)	E.I.R.P (dBm)	E.I.R.P (mW)	Calculated Threshold Value (≤3.0 SAR is not required)	Test Result (PASS/FAIL)
Bluetooth LE	2480	3.390	2.183	0.677	PASS

Operation frequency = 2480 MHz and antenna separation distance = 5mm

Body SAR Test Exclusion Threshold = 10mW

Antenna Gain: 2.26 dBi

Note:

1. The above EUT information is declared by the manufacturer.
2. The SAR/MPE measurement is not necessary.
3. The results are evaluated using the maximum power.