

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

RF EXPOSURE EVALUATION - REPORT

FCC ID: 2A7WU-D43509A

Test Report Number: EFGX26020145-IE-03-E04

1	General Information	3
1.1	Notes	3
1.2	Testing laboratory	4
1.3	Details of applicant	4
1.4	Details of manufacturer	4
1.5	Application details	5
1.6	Test item	5
1.7	Standards	7
2	RF Exposure Measurement	8
2.1	Limit	8
2.2	Formula	8
2.3	RF exposure results	8

1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator

2026-07-22

John Wen / Project Engineer



Date	Eurofins-Lab.	Name / Title	Signature
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Technical responsibility for area of testing:

2026-07-22

Albert Xu / EMC Manager



Date	Eurofins-Lab.	Name / Title	Signature
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Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.
Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

1.2 Testing laboratory

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Telephone : +86-755-82911867

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The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088

1.3 Details of applicant

Name	: SHENZHEN DAYBETTER OPTO-ELECTRONICS CO.,LTD
Address	: Floor 4,Building 2,Antuoshan High-tech Park,Xinsha Road,Shajing,Baoan District
Telephone	: +86 15815596801
Fax	: ./.

1.4 Details of manufacturer

Name	: SHENZHEN DAYBETTER OPTO-ELECTRONICS CO.,LTD
Address	: Floor 4,Building 2,Antuoshan High-tech Park,Xinsha Road,Shajing,Baoan District
Telephone	: +86 15815596801
Fax	: ./.

1.5 Application details

Date of receipt of application : 2026-02-07
 Date of receipt of test item : 2026-02-07
 Date of test : 2026-02-07 to 2026-04-14
 Date of issue : 2026-07-22

1.6 Test item

Product type : Floor Lamp
 Model name : J5FLU17B00; J5FLU27B00; J5FLU17B01; J5FLU27B01;
 J5FLU17W00; J5FLU27W00; J5FLU17W01; J5FLU27W01;
 J5FLE17; J5FLE27; ZJM005; ZJM006; J5FLU17B001;
 J5FLU27B001; J5FLU17B011; J5FLU27B011;
 J5FLU17W001; J5FLU27W001; J5FLU17W011;
 J5FLU27W011; J5FLE120; J5FLE122; J5FLE121;
 J5FLE123; J5FLE119; J5FLE124; J5FLE118; J5FLU152;
 J5FLU153
 Brand name : ./.
 Technical Description : USB input: DC5,0V; 2,0A;
 Sample Code : 260309-40-001; 260317-09-001
 Additional information : According to the customer's description, all models refer to
 the same product, with differences as follows: model num-
 ber, packaging specifications (1-piece pack or 2-piece pack),
 and remote control type (lithium battery version or dry bat-
 tery version). Therefore, we have selected the product with
 model number J5FLU17W011 for comprehensive testing.

The specific differences are as follows in the table :

Model	Electrical parame- ters	Power	Shape	Remote control	Picture
J5FLU17B00, J5FLU27B00, J5FLU17B01, J5FLU27B01, J5FLU17W00, J5FLU27W00, J5FLU17W01, J5FLU27W01, J5FLE17, J5FLE27, ZJM005, ZJM006	DC5V	5W	Tripod Base (Flex Strip)	Button battery (24 keys	
J5FLU17B001, J5FLU27B001, J5FLU17B011, J5FLU27B011, J5FLU17W001, J5FLU27W001, J5FLU17W011, J5FLU27W011	DC5V	5W	Tripod Base (Flex Strip)	Dry bat- tery (24 keys	
J5FLE120	DC5V	5W	Plastic Round Base (Flex Strip)	Button battery (24 keys	

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J5FLE122	DC5V	5W	Plastic Round Base (Flex Strip)	Dry battery (24 keys)	
J5FLE121	DC5V	5W	Plastic Round Base (Rigid Strip)	Button battery (24 keys)	
J5FLE123	DC5V	5W	Plastic Round Base (Rigid Strip)	Dry battery (24 keys)	
J5FLE119	DC5V	5W	Metal Base (Rigid Strip)	Button battery (24 keys)	
J5FLE124	DC5V	5W	Metal Base (Rigid Strip)	Dry battery (24 keys)	
J5FLE118	DC5V	5W	Metal Base (Flex Strip)	Button battery (24 keys)	
J5FLU152	DC5V	5W	Metal Base (Flex Strip)	Button battery (24 keys)	

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J5FLU153	DC5V	5W	Metal Base (Flex Strip)	Button battery (24 keys)	
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RadioTechnical data

Radio Tech. : BT-LE
 Modulation : GFSK
 Antenna Type : Integral Antenna
 Antenna Gain : 2.5 dBi

Note:

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins assures objectivity and impartiality of the test, and fulfills the obligation of confidentiality for applicant's commercial information and technical documents.

1.7 Standards

FCC §1.1307

2 RF Exposure Measurement

2.1 Limit

FCC rules

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

2.2 Formula

Prediction of MPE limit at a given distance

$$S = \frac{EIRP}{4\pi R^2}$$

Where:

S = Power density;

$EIRP$ = Equivalent Isotropic Radiated Power in mW;

R = Distance to the center of radiation of the antenna;

2.3 RF exposure results

FCC MPE

Operating Mode	Evaluation Band (MHz)	Operation Distance (cm)	EIRP (mW)	Power Density (mW/cm ²)	Power Density Limit (mW/cm ²)
Bluetooth	2400	20	0.158	0.00003	1.00

--End of Report--