



RF Exposure Report On Behalf of

Lite Source, Inc.

2650 E Merrill Ave, Ontario, California, USA, 91762

FCC ID: 2A99Z-LSX83562

Model: LS-83562XXXXXXX, LSX-83562XXXXXXX,
LSB-83562XXXXXXX (XXXXXXX stands for color finishes),
20078526, LS-83562BLK, LS-83562SILV

April 21, 2026

This Report Concerns:

☒ Original Report

Equipment Type:

LED Floor Lamp

Test Engineer: Fan Yang / *Fan Yang*

Report Number: QCT26CR-1418E-02

Test Date: April 20, 2026

Test Result: Pass

Reviewed By: Vincent Yang / *Vincent Yang*

Approved By: Kendy Wang / *Kendy Wang*

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Report Number

Description

Issued Date

QCT26CR-1418E-02

Initial Issue

2026-04-21



1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Description	LED Floor Lamp
Model No.	LS-83562XXXXXXX, LSX-83562XXXXXXX, LSB-83562XXXXXXX, (XXXXXXX stands for color finishes), 20078526, LS-83562BLK, LS-83562SILV
Model Difference:	All the models are electrical identical including the same software parameter and hardware design (i.e., circuit design, PCB Layout, RF module/circuit, antenna type and antenna location, components on PCB, etc.), same mechanical structure and design (including product enclosure, materials, etc.), the only differences in the model name and color finishes..
Tested Model	LS-83562BLK
Sample(s) Status	Engineer sample
Operation Frequency:	110.5kHz~205kHz
Modulation type:	ASK
Antenna Type:	Inductive loop coil Antenna
Antenna gain*1:	0dBi (Max)
Power supply:	24.0V $\pm$ 1.6A (Powered by adapter)
Adapter information	MODEL: MWT036WR-240160UH INPUT:100-240V~50/60Hz 1.5A OUTPUT: 24.0V $\pm$ 1.6A
WPT Output Power:	10W
Trade Mark:	Lite Source, Bob's Discount Furniture     
Applicant	Lite Source, Inc.
Address	2650 E Merrill Ave, Ontario, California, USA, 91762
Manufacturer	Lite Source, Inc.
Address	2650 E Merrill Ave, Ontario, California, USA, 91762
Sample No.	Y26C1418E01WC

Note: *1This information provided by Manufacturer, SZ QC Lab is not responsible for the accuracy of this information.

1.2 System Test Configuration

1.2.1 Support Equipment

Manufacturer	Description	Model	Serial Number
Apple	iphone	16 pro	CFWNMV43Y2



1.3 Test Facility

Test Firm : Shenzhen QC Testing Laboratory Co., Ltd.

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS – Registration No.: L8464

The EMC Laboratory has been accredited by CNAS, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

A2LA Certificate Number: 6759.01

The EMC Laboratory has been accredited by A2LA, and in compliance with ISO/IEC 17025:2017 General Requirements for testing Laboratories.

FCC Registration Number: 561109

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission.

IC Registration Number: 29628

CAB identifier: CN0141

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada.

1.4 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
E-field	110.5kHz~500kHz	0.5V/m	(1)
H-field	110.5kHz~500kHz	0.1A/m	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.



2. Requirements

2.1 Test Methodology

The tests documented in this report were performed in accordance with FCC CFR Title 47 Part 1 §1.1307, FCC CFR Title 47 Part 1 §1.1310, FCC CFR Title 47 Part 2 §2.1091 and KDB 680106 D01 Wireless Power Transfer v04

2.2 Limit

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
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(i) Limits for Occupational/Controlled Exposure

0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6

(ii) Limits for General Population/Uncontrolled Exposure

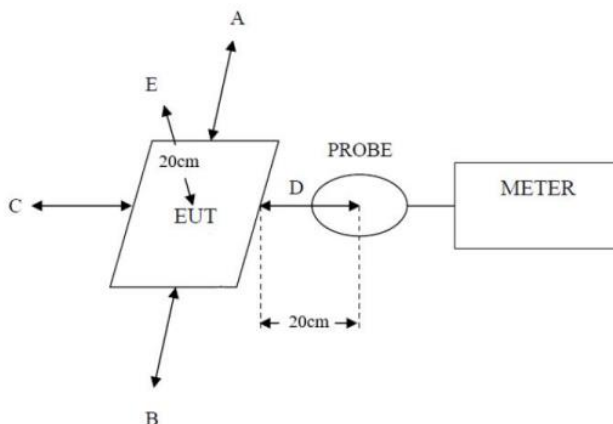
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

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

2.3 Method Of Measurement

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 20 cm test distance surrounding the device and the top surface.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

2.4 Test Setup



Note: As bottom point is not required to test for desktop devices

2.5 Measuring Instrument Used

Test Equipment	Manufacturer	Model No.	SN.	Cal.Date	Cal.Due date
Exposure Level Tester	Narda	ELT-400	M-0019	2026.03.12	2027.03.11
Magnetic field probe 100cm ²	Narda	ELT probe 100cm ²	M-0030	2026.03.12	2027.03.11
Broadband field Meter	Narda	NBM-550	E-1273	2026.03.12	2027.03.11
Broadband field Probe	Narda	EF0391	D-0891	2026.03.12	2027.03.11

2.6 E Field And H Field Strength Test Result

Test Mode	Description
Mode 1	Charging with 10 W wireless charging load (99% Load)
Mode 2	Charging with 10 W wireless charging load (50% Load)
Mode 3	Charging with 10 W wireless charging load (1% Load)

Note: All the modes had been tested, but only the worst data was recorded in the report.

Mode 1

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm					Limits(A/m)	50% Limits(A/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
0.15	0.09	0.13	0.09	0.12	1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

20cm					Limits(V/m)	50% Limits(V/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
1.37	1.53	1.29	1.14	1.96	614	307



Mode 2

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm					Limits(A/m)	50% Limits(A/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
0.17	0.13	0.19	0.07	0.18	1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

20cm					Limits(V/m)	50% Limits(V/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
1.29	1.03	1.34	1.61	1.53	614	307

Mode 3

H-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (A/m)

20cm					Limits(A/m)	50% Limits(A/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
0.19	0.15	0.20	0.12	0.17	1.63	0.815

E-Filed Strength at 20 cm from the edges surrounding and the top surface of the EUT (V/m)

20cm					Limits(V/m)	50% Limits(V/m)
Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
1.24	1.04	1.57	1.59	1.65	614	307



3. Test Setup Photo

Right (Position A)



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