



FCC TEST REPORT

FCC ID: 2APXNLACC134

Maximum Permissible Exposure (MPE)

Product Name : Wireless Charger
Model Name : L259WC002-CS-R
Brand Name : EVDS
Report No. : PTC25062420101E-FC02

Prepared for

ASAP Technology(Jiangxi) Co., Ltd.
Ji'an Industrial Park, Ji'an, Jiangxi 343100 China

Prepared by

Precise Testing & Certification Co., Ltd
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China



Report No.: PTC25062420101E-FC02

1TEST RESULT CERTIFICATION

Applicant's name : ASAP Technology(Jiangxi) Co., Ltd.
Address : Ji'an Industrial Park, Ji'an, Jiangxi 343100 China
Manufacture's name : ASAP Technology(Jiangxi) Co., Ltd.
Address : Ji'an Industrial Park, Ji'an, Jiangxi 343100 China
Product name : Wireless Charger
Model name : L259WC002-CS-R
Standards : FCC CRF 47 PART 1,§1.1310
Test procedure : KDB 680106 v03 r01
Test Date : Jul. 5, 2025 to Aug. 20, 2025
Date of Issue : Aug. 20, 2025
Test Result : Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



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2 Test Summary

Test	Test Requirement	Test Method	Limit / Severity	Result
RF Exposure	FCC CRF 47 PART 1, §1.1310	KDB 680106 v03 r01	1.1310	PASS

Remark:

N/A: Not Applicable

RF: In this whole report RF means Radio Frequency.

A.M. Amplitude Modulation.

P.M. Pulse Modulation.



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2.1 Instrument list

Name of Equipment	Manufacturer	Model	Characteristics	Calibration Due	interval time
Exposure Level Tester	Narda	ELT-400	Aug. 14, 2025	Aug. 13, 2026	1 year
H-Field probe	Narda	HF-3061	Aug. 14, 2025	Aug. 13, 2026	1 year
E-Field probe	Narda	EF0691	Aug. 14, 2025	Aug. 13, 2026	1 year



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2.2 Support Units

Equipment	Model No.	Series No.
Intelligent full-function Wireless charging test module	2.1	N/A



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3 TEST FACILITY

Precise Testing & Certification Co., Ltd.

Address: Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

A2LA Certificate No.: 4408.01

FCC Registration Number: 790290

FCC Designation Number: CN1219

IC Registration Number: 12191A

CAB identifier: CN0080



4 General Information

4.1 General Description of E.U.T.

Product Name	:	Wireless Charger
Model Name	:	L259WC002-CS-R
Operating frequency	:	115 kHz ~ 205kHz
Antenna Type	:	Coil Antenna
Antenna Gain	:	0 dBi
Power supply	:	Input: DC9-16V, 2.5A Output: DC5V1A 5W/ DC9V1.1A10W/DC12V1.25A 15W
Hardware Version	:	A2
Software Version	:	CRC192A

**Test mode:**

Coil 1, Coil 2, Coil3, The three coils have been tested separately, and only the worst case(coil 2) is recorded in the report. Coil 1, Coil 2, Coil3, The triple coils could not work at the same time.

Antenna 1 (Coil 1) (charging WPT download):

Pretest Mode	Description
Mode 1	Stand charging mode(5W,no load, half load, full load)
Mode 2	Stand charging mode(10W,no load, half load, full load)
Mode 3	Stand charging mode(15W,no load, half load, full load)

Antenna 2 (Coil 2) (charging WPT download):

Pretest Mode	Description
Mode 1	Stand charging mode(5W,no load, half load, full load)
Mode 2	Stand charging mode(10W,no load, half load, full load)
Mode 3	Stand charging mode(15W,no load, half load, full load)

Antenna 3 (Coil 3) (charging WPT download):

Pretest Mode	Description
Mode 1	Stand charging mode(5W,no load, half load, full load)
Mode 2	Stand charging mode(10W,no load, half load, full load)
Mode 3	Stand charging mode(15W,no load, half load, full load)

Note: Coil 1, Coil 2, and Coil 3 have all been tested, and only the worst mode(Ant2(Coil2)) is recorded in the report.



5 RF Exposure Evaluation

5.1 Limits

Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
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
300-1500	--	--	f/150	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

*Plane-wave equivalent power density

- A. The RF exposure test was performed in anechoic chamber.
- B. E and H field measurements should be made with the center of the probe at distance of 15cm surrounding the EUT and 20cm above the top surface of the primary/client pair.
- C. The highest emission level was recorder and compared with limit.
- D. The EUT was measured according to the dictates of KDB 680106 v03r01.



(A) Limits for Occupational / Controlled Exposure

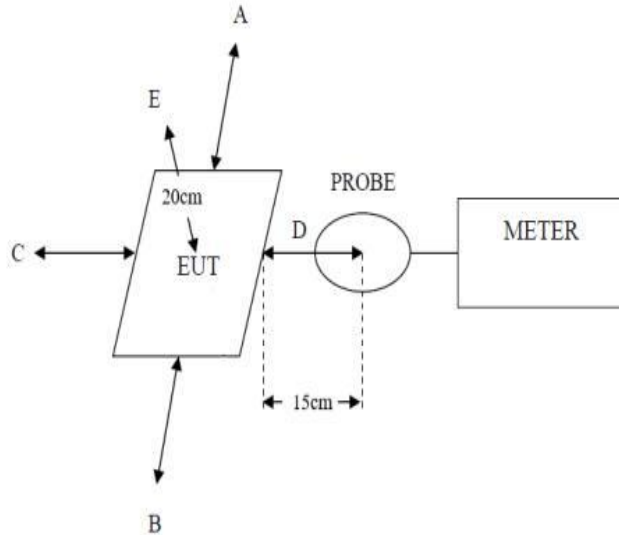
Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density

5.2 Test Configuration



5.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

5.4 RF Exposure test result

Temperature: 24°C

Relative Humidity: 53%



EUT was tested with empty load, half load and full load, the full load is the worst case and we listed the results in the report. The triple coils could not work at the same time. **Charging by WPT download:**

Test result of Magnetic Field Strength:

Test Position	Test distance (cm)	Reading result (uT)	Test result (A/m)	50% Limit (A/m)	Limit (A/m)	Result
A: Right	15	0.1134	0.0907	0.815	1.63	Passed
B: Left	15	0.1643	0.1315	0.815	1.63	
C: Front	15	0.1618	0.1294	0.815	1.63	
D: Back	15	0.1525	0.1220	0.815	1.63	
E: Top	15	0.1114	0.0892	0.815	1.63	
E: Top	20	0.1134	0.0907	0.815	1.63	

Note: $A/m = uT/1.25$

Test result of Electric Field Strength:

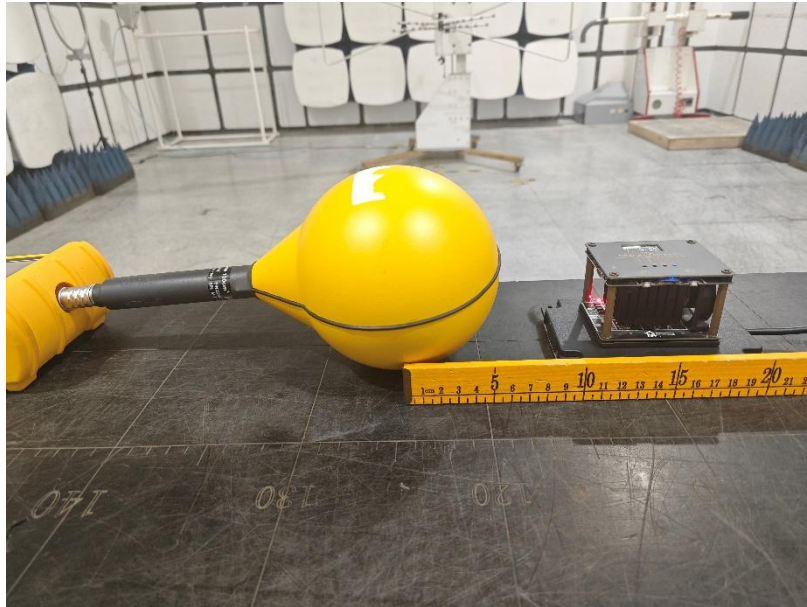
Test Position	Test distance (cm)	Test result (V/m)	Limit (V/m)	Result
A: Right	15	2.46	614	Passed
B: Left	15	2.34	614	
C: Front	15	2.61	614	
D: Back	15	2.24	614	
E: Top	15	2.63	614	
E: Top	20	2.19	614	

Note: Coil 1, Coil 2, and Coil 3 have all been tested, and only the worst mode(Ant2(Coil2)) is recorded in the report.

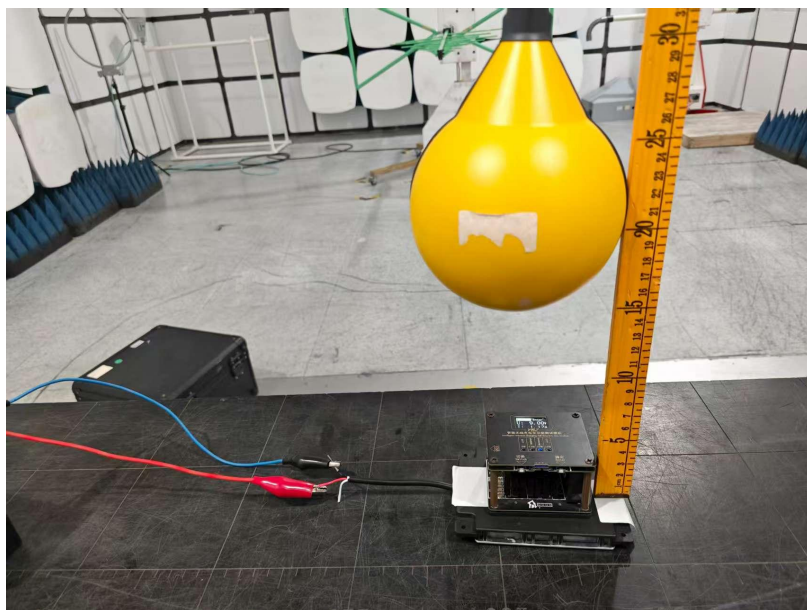


6 Test Photo

Left Test setup:



Top Test setup:



*****THE END REPORT*****