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Report No.: TMWK2603001361KS FCC ID: Z3K-CTX

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**47 C.F.R. Part 2, Subpart J, Section 2.1093
KDB 680106 D01 v04**

Maximum Permissible Exposure Report

For

CUP HOLDER LIGHT-TRANSMITTER

Model: R115500700T

Trade Name: JET OPTOELECTRONICS CO., LTD.

Issued to

**JET OPTOELECTRONICS CO.,LTD.
7F-2, No. 300, Yangguang St., Neihu Dist., Taipei City 11491,Taiwan**

Issued by

**Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan
Issued Date: May 13, 2026**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	May 13, 2026	Initial Issue	ALL	Peggy Tsai

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1. TEST RESULT CERTIFICATION

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
47 C.F.R. Part 2, Subpart J, Section 2.1093 KDB 680106 D01 Wireless Power Transfer v04	Compliance
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

Approved by:



Sky Zhou
Asst. Section Manager
Compliance Certification Services Inc.

Tested by:



KW Huang
Engineer
Compliance Certification Services Inc.

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2. ACCREDITATION

Test Laboratory Name:	Compliance Certification Services Inc. Wugu Laboratory
Test Laboratory Address:	No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.
FCC Registration No. :	444940
MRA:	APEC TEL

3. EUT SPECIFICATION

EUT	CUP HOLDER LIGHT-TRANSMITTER
Model	R115500700T
Trade Name	JET OPTOELECTRONICS CO., LTD.
Model Discrepancy	N/A
Frequency Range	☒ 81 ~ 89 KHz ☐ Others
Device category	☒ Portable (<20cm separation) ☐ Mobile (>20cm separation) ☐ Others
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure
Antenna Specification	Coil Antenna
Received Date	March 25, 2026
Date of Test	April 22, 2026

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

4. MEASUREMENT EQUIPMENT USED

4.1 Equipment Used for Emissions Measurement

RF Conducted Test Site (Shielding Room)					
Equipment	Manufacturer	Model	S/N	Cal Date	Cal Due
Meter	Wavecontrol	SMP2	19SN1198	2026-01-20	2027-01-19
Probe	Wavecontrol	WP400	19WP100597	2026-01-20	2027-01-19

4.2 MEASUREMENT UNCERTAINTY

Parameter	Frequency	Expanded Uncertainty (dB)	<i>k</i>
Electric Field Strength	10Hz ~400KHz	± 7.10 %	2
Magnetic Field Strength	10Hz ~400KHz	± 9.56 %	2

These uncertainties represent an expanded uncertainty expressed approximately at the 95% confidence level using a coverage factor of $k=2$

5. LIMIT

The RF exposure evaluation for the wireless power transfer (WPT) device is conducted in accordance with FCC guidance KDB 680106 D01 v04.

Per Section 3.2 of KDB 680106 D01, the applicable reference levels for general population/uncontrolled exposure are defined as follows:

- Electric field strength (E-field): 83 V/m
- Magnetic field strength (H-field): 90 A/m
-

The E-field limit of 83 V/m is based on internationally recognized RF exposure guidelines (e.g., ICNIRP), while the H-field limit accounts for near-field characteristics and measurement conditions specific to wireless power transfer systems.

These limits are used to determine compliance of the WPT device under the defined test configurations.

6. HUMAN EXPOSURE ASSESSMENT

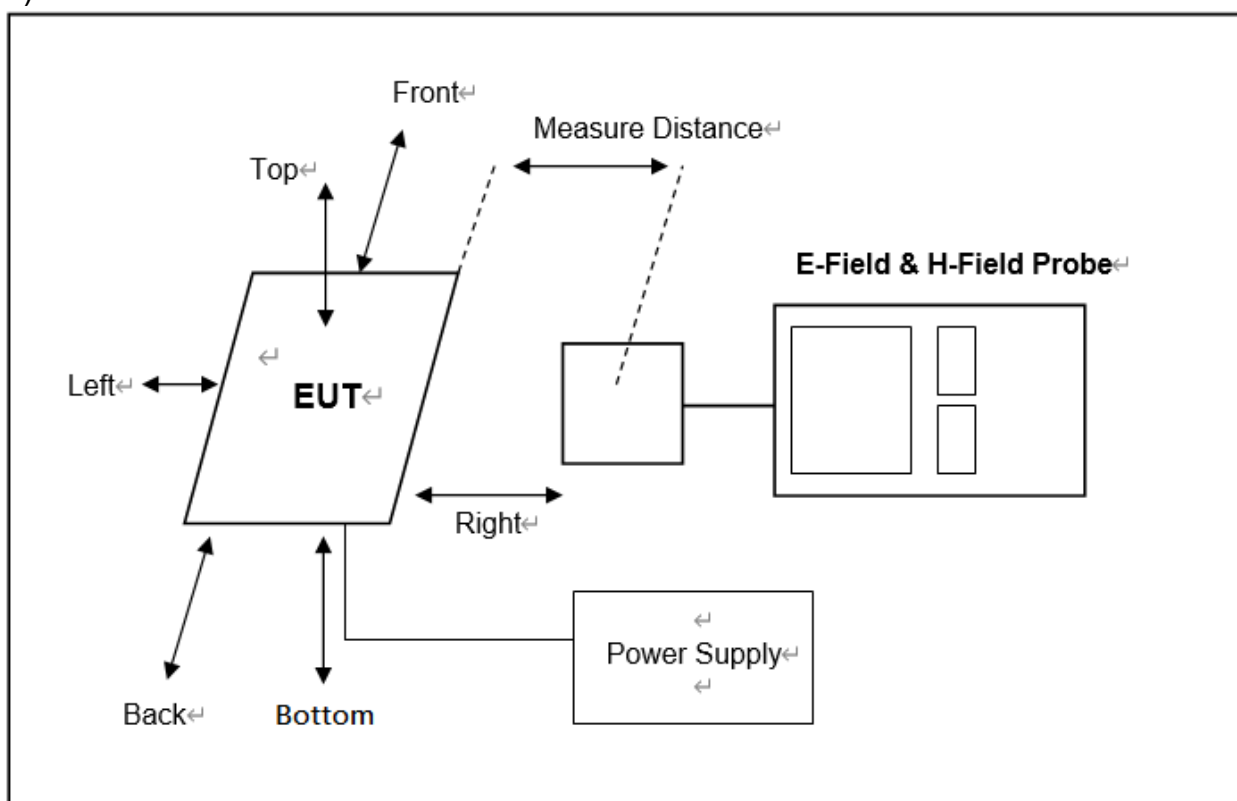
6.1 Support Equipment

No.	Device Type	Brand	Model	Series No.	Cal Date	Cal Due
1	Cup holder light receiver assembly	Nissan	N/A	N/A	N/A	N/A
2	DC Power Supply	GWINSTEK	SPS-3610	GPE880163	2025-11-06	2026-11-05

6.2 Test Setup

The test site used to collect data is a Shield Room.

The measurement distance is from the edge of the device to the center of the measurement probe. The test distance is 9.5 cm for Right (Edge 2) and 17 cm for Left (Edge 4).



6.3 Worst Case Test Results

Temperature: 23.2~24.3°C

Test Date: April 22, 2026

Humidity: 50~48% RH

Tested by: KW Huang

Operating Frequency Range	Distance (cm)	Probe from EUT Side	E-field (V/m)	H-field (A/m)
81kHz~89kHz	9.5	Right (Edge 2)	15.23	0.36
	17	Left (Edge 4)	12.39	0.54
Limit			83	90