

TEST REPORT

Report No.: 8332EU010904W2
Applicant: QUEST USA CORP
Address: 495 FLATBUSH AVE BROOKLYN NY 11225 USA
Product Name: 3-IN-1 WIRELESS CHARGER WITH STAND
Model No.: IJ10437-DG (refer to clause 2.4)
Trademark: IJOY
FCC ID: 2AJQ7TRINITY
Test Standard(s): 47 CFR Part 1 Subpart I Section 1.1310
47 CFR Part 2, Subpart J, Section 2.1091
Test Result: Pass
Date of Receipt: Jul. 09, 2025
Test Date: Jul. 09, 2025 – Jul. 21, 2025
Date of Issue: Aug. 04, 2025

ISSUED BY:

SHENZHEN EU TESTING LABORATORY LIMITED



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Revision Record

Report Version	Issued Date	Description	Status
V0	Aug. 04, 2025	Original	Valid





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2 General Information

2.1 Applicant Information

Applicant	QUEST USA CORP
Address	495 FLATBUSH AVE BROOKLYN NY 11225 USA

2.2 Manufacturer Information

Manufacturer	QUEST USA CORP China Office
Address	601 Bld1, Cloud Park, 233 Bulong Road, Longgang, Shenzhen, China 518112

2.3 Factory Information

Factory	Shenzhen Willsoon Electronic Technology Co.,Ltd
Address	5/F Block A, No.10 East Area Shangxue Industrial Area, Bantian Town, Longgang District, Shenzhen, China

2.4 General Description of E.U.T.

Product Name	3-IN-1 WIRELESS CHARGER WITH STAND
Model No. Under Test	IJ10437-DG
List Model No.	IJ10554-DG, IJPQ595-DG, IJ10437-BU, IJ10438-BU
Description of Model differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in appearance color and model name. (this information provided by the customer)
Rating(s)	Input: 9V---2A/5V---2A Wireless Charging Output for Watch: 2.5W Wireless Charging Output for Airpods: 5W Wireless Charging Output for phone: 5W/7.5W/10W/15W
Product Type	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Test Sample No.	-1/2(Normal Sample), -2/2(Engineering Sample)
Hardware Version	N/A
Software Version	N/A
Remark	For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.5 Technical Information of E.U.T.

Network and Wireless Connectivity	Wireless Power Transfer (WPT)
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The requirement for the following technical information of the EUT was tested in this report:

Technology	WPT
Operating Frequency	110.1-205KHz 320.5KHz
Modulation Type	FSK
Antenna Type	Inductive Loop Coil Antenna
Antenna Gain(Peak)	0 dBi
Remark	The above information are declared by the applicant, EU-LAB is not responsible for the information accuracy provided by the applicant.



3 Test Summary

3.1 Test Standard

The tests were performed according to following standards:

No.	Identity	Document Title
1	47 CFR Part 1 Subpart I Section 1.1310	Radio frequency radiation exposure limits.
2	47 CFR Part 2, Subpart J, Section 2.1091	Radiofrequency radiation exposure evaluation: mobile devices
3	KDB 680106 D01v04	RF exposure consideration for low power consumer wireless power transfer applications.

Remark:

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

3.2 Test Verdict

No.	Description	FCC Part No.	Verdict	Remark
1	RF Exposure Evaluation	FCC 1.1310 FCC 2.1091 KDB 680106 D01 Wireless Power Transfer v04	Pass	--

3.3 Test Laboratory

Test Laboratory	Shenzhen EU Testing Laboratory Limited
Address	101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China
Designation Number	CN1368
Test Firm Registration Number	952583



4 Test Configuration

4.1 Test Environment

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	30% to 60%		
Atmospheric Pressure	86 kPa to 106 kPa		
Temperature	NT (Normal Temperature)	+15°C to +35°C	
Working Voltage of the EUT	NV (Normal Voltage)		120 VAC, 60Hz

4.2 Test Equipment

Equipment	Manufacturer	Model No	Serial No	Cal Date	Cal Due Date
Electric and Magnetic Field Probe - Analyzer	Narda	EHP-200A	EE-405	2025/02/14	2026/02/13

4.3 Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned bellow was evaluated respectively.

No.	Description	Remark
TM1	Adapter + Wireless Output (2.5W)	
TM2	Adapter + Wireless Output (5W) for Airpods	
TM3	Adapter + Wireless Output (5W) for Phone	
TM4	Adapter + Wireless Output (7.5W)	
TM5	Adapter + Wireless Output (10W)	
TM6	Adapter + Wireless Output (15W)	
TM7	Adapter + Wireless Output (2.5W) + Wireless Output (5W) for Airpods	
TM8	Adapter + Wireless Output (2.5W) + Wireless Output (5W) for Phone	
TM9	Adapter + Wireless Output (2.5W) + Wireless Output (7.5W)	
TM10	Adapter + Wireless Output (2.5W) + Wireless Output (10W)	
TM11	Adapter + Wireless Output (2.5W) + Wireless Output (15W)	
TM12	Adapter + Wireless Output (2.5W) + Wireless Output (5W) for Airpods + Wireless Output (15W)	
TM13	Standby	

Note:

1. EUT supports empty load, half load, full load working at the same time, so the all conditions have been tested. It is found that TM12 full load is the worst mode, and the data in the report only reflects the worst mode.



4.4 Measurement Uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test Item	Measurement Uncertainty
Magnetic field measurements(3kHz~10MHz)	±14.6%
Electric field measurements(3kHz~10MHz)	±17.3%





5 Test Methodology

5.1 Reference Evaluation Method

§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of this chapter.

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

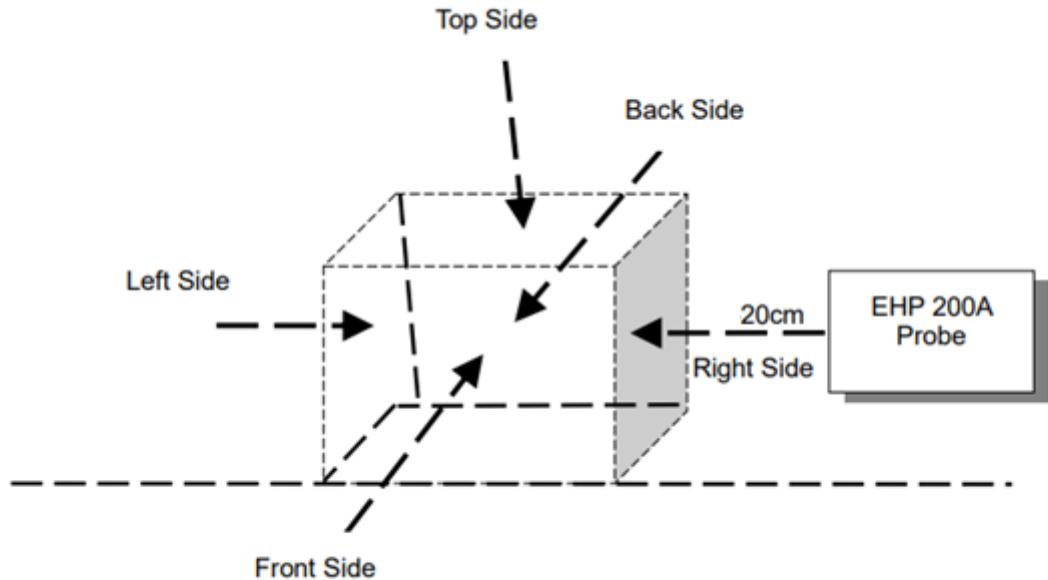
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) 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
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

5.2 Test Setup



Note: Measurements should be made from all sides and the top of the primary/client pair, with the 20cm measured from the center of the probe(s) to the edge of the device.

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (20cm) which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E, F) were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.



5.3 Evaluation Result

Test Condition: Test Mode 12 operating with client device (1% battery status of client device)

Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	4.2787	614	307	0.1390	1.63	0.815
Bottom	5.0772			0.2820		
Front	2.1035			0.2920		
Rear	4.5251			0.1810		
Left	2.9166			0.1040		
Right	3.7199			0.0590		

Test Condition: Test Mode 12 operating with client device (50% battery status of client device)

Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	3.7678	614	307	0.1112	1.63	0.815
Bottom	4.0819			0.2256		
Front	2.6387			0.2336		
Rear	1.4287			0.1448		
Left	3.2481			0.0832		
Right	3.4431			0.0472		

Test Condition: Test Mode 12 operating with client device (99% battery status of client device)

Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	4.2159	614	307	0.2120	1.63	0.815
Bottom	3.3006			0.2880		
Front	2.2009			0.1560		
Rear	3.5855			0.1170		
Left	2.9051			0.2120		
Right	3.7496			0.1100		

Note: E-Field Strength and H-Field Strength strengths at a distance of 20 cm from the periphery and top of the EUT.

ANNEX A TEST SETUP PHOTOS

PHOTO 1

Test Position: Top





STATEMENT

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