

RF EXPOSURE TEST REPORT

Applicant	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA

Manufacturer or Supplier	Belkin International, Inc.
Address	555 S. Aviation Blvd., Suite 180, El Segundo, CA 90245, USA
Product	UltraCharge Magnetic Charger
Brand Name	belkin
Model	WIA013
Additional Model & Model Difference	WIA014, See section 1.1
Date of tests	Sep. 01, 2025 ~ Sep. 15, 2025

The submitted sample of the above equipment has been tested according to the requirements of the following standard:

- ☒ 47 CFR PART 1, Subpart I, Section 1.1310
- ☒ KDB 680106 D01 V04

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Eric Fang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	
	Date: Nov. 03, 2025

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Test Report No.: FM2508WDG0293

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2508WDG0293	Original release	Nov. 03, 2025

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	K7SWIA013
PRODUCT	UltraCharge Magnetic Charger
MODEL NO.	WIA013
ADDITIONAL MODEL	WIA014
POWER SUPPLY	DC 9V or 15V From Adapter
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	25W Qi2.2 Charging Coil (BPP/MPP): 111-148kHz & 360KHz
ANTENNA TYPE	Coil Antenna*1
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	See note7

NOTES:

1. This report FM2508WDG0293R1 supersedes the previous one with the report number FM2508WDG0293 dated on Nov. 03, 2025.
2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
3. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
4. Please refer to the EUT photo document (Reference No.: 2508WDG0293-1 and 2508WDG0293-2) for detailed product photo.
5. Additional model WIA014 is identical with test model WIA013 except the appearance and model no. for trading purpose. And the detail as follows:

Product Name	Model No.	Difference
UltraCharge Magnetic Charger	WIA013	Square
	WIA014	Round

Due to the above differences, we chose WIA013 for all the tests.

6. Adapter information as follows:

36 Watt PD Power Adapter	
MODEL NO.:	PD36U-1TNA
BRAND NAME:	belkin
INPUT:	100-240Vac, 50-60Hz, 1.0A MAX
OUTPUT:	5V=3A 15W , 9V=3A 27W, 12V=3A 36W , 15V=2.4A 36W , 20V=1.8A 36W
PLUG TYPE:	US



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7. Cable information as follows:

Description	Length(m)	Shielding(Y/N)	Remark
USB-C Line	2.0	Y	N/A

2. RF EXPOSURE MEASUREMENT

2.1 LIMITS

§ 1.1310 The criteria listed in table 1 shall be used to evaluate the environmental impact of human exposure to radiofrequency(RF) radiation as specified in § 1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of § 2.1093 of this chapter.

TABLE 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

NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

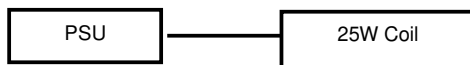
2.2 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below:

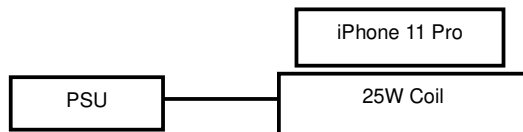
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	25W RX Load	N/A	N/A	N/A	N/A	By Client
B	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	BV Lab.
C	iPhone 16 Pro(1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	BCG-E8666A	

2.3 CONFIGURATION OF SYSTEM UNDER TEST

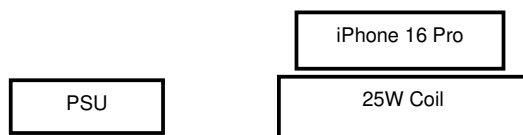
Mode A: EUT Standby:



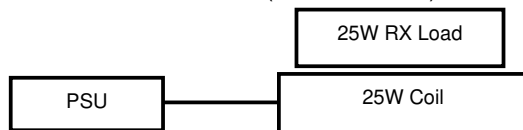
Mode B: EUT 25W Coil(iPhone 11 Pro):



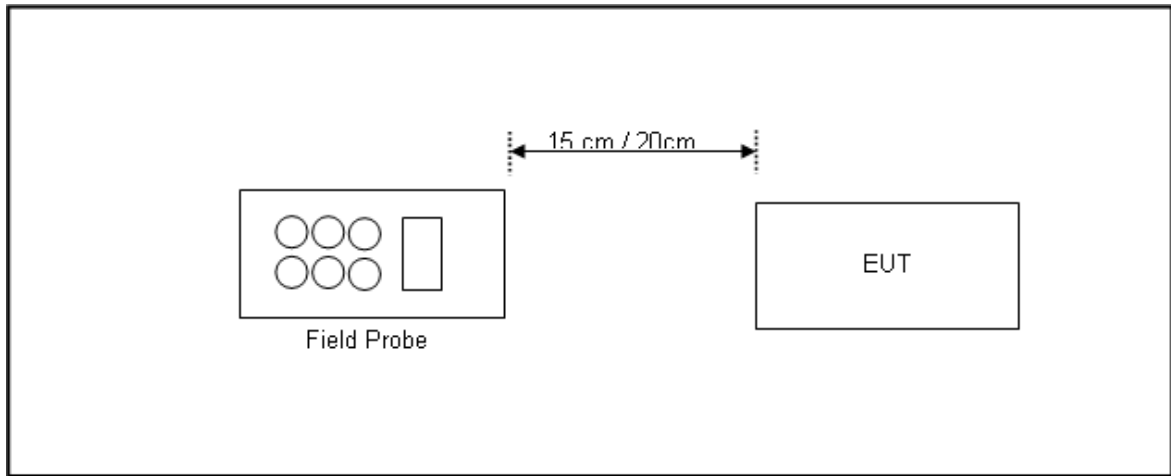
Mode C: EUT 25W Coil(iPhone 16 Pro):



Mode D: EUT 25W Coil(25W RX Load):



2.4 TEST SETUP FOR WPC



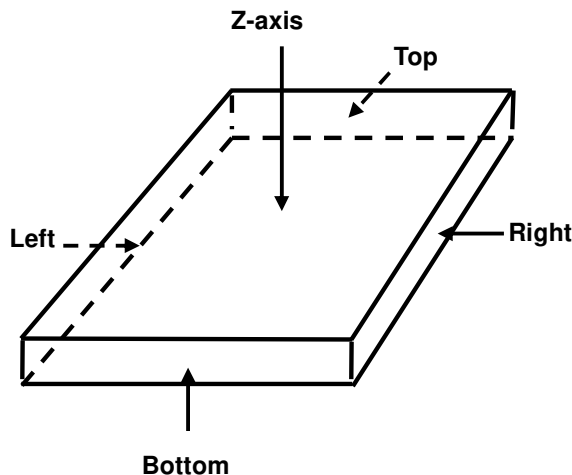
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
E-Field probe	Narda	NBM-520	2403/01B	Apr. 05, 26
Electric and Magnetic Field Probe-Analyzer	Narda	EHP-200A	180ZX10216	Feb. 19, 26
3m Fully Anechoic Chamber	Chance Most	8m*4m*4m	D3040011DG	May 26, 26
Test Software	Narda	EHP200-TS	V1.94	N/A

NOTE: 1. The test was performed in RS chamber.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.

2.6 TEST POINT DESCRIPTION



2.7 TEST RESULTS

Mode1: Standby for 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1639	0.1539	0.1307	0.1406	0.1539
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8361	-613.8461	-613.8693	-613.8594	-613.8461

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0182	0.0182	0.0182	0.0200	0.0205
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.612	-1.612	-1.612	-1.610	-1.610

Mode2: EUT+25W Coil (iPhone 11 Pro 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2624	0.2936	0.3105	0.2171	0.3248
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7376	-613.7064	-613.6895	-613.7829	-613.6752

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0351	0.0411	0.0411	0.0349	0.1134
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.595	-1.589	-1.589	-1.595	-1.517

Mode3: EUT+25W Coil (iPhone 11 Pro 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2741	0.2844	0.3021	0.2045	0.3129
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7259	-613.7156	-613.6979	-613.7955	-613.6871

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0323	0.0491	0.0418	0.0392	0.1049
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.598	-1.581	-1.588	-1.591	-1.525

Mode4: EUT+25W Coil (iPhone 16 Pro 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.5915	0.7285	0.7021	0.5424	0.7010
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.4085	-613.2715	-613.2979	-613.4576	-613.299

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0236	0.0221	0.0221	0.0205	0.0236
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.606	-1.608	-1.608	-1.610	-1.606

Mode5: EUT+25W Coil (iPhone 16 Pro 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.6039	0.7945	0.7292	0.5922	0.7245
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.3961	-613.2055	-613.2708	-613.4078	-613.2755

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0259	0.0219	0.0294	0.0212	0.0215
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.604	-1.608	-1.601	-1.609	-1.609

Mode6: EUT+25W Coil (25W RX Load)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.8464	0.6444	0.9738	0.6066	1.1593
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.1536	-613.3556	-613.0262	-613.3934	-612.8407

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0517	0.0393	0.0345	0.0323	0.0703
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.578	-1.591	-1.596	-1.598	-1.560



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3. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

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