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	BoostCharge 3-in-1 Convertible Magnetic Charging Stand
Brand Name	belkin
Model	WIZ034
Additional Model & Model Difference	N/A
Date of tests	Mar. 20, 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**

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: Apr. 21, 2025

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2503WDG0153	Original release	Apr. 21, 2025

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1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	K7SWIZ034
PRODUCT	BoostCharge 3-in-1 Convertible Magnetic Charging Stand
MODEL NO.	WIZ034
ADDITIONAL MODEL	N/A
POWER SUPPLY	DC 15V From Adapter
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	15W Qi2 Charging Coil (MPP):127.7kHz & 360kHz 5W Qi (BPP) Charging Coil:111-148kHz Watch Coil:326.5kHz&1.778MHz
ANTENNA TYPE	Coil Antenna*3
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	See section 2.2

NOTES:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 2503WDG0153-3) for detailed product photo.
4. Adapter information as follows：

USB-C Power Adapter	
MODEL NO.:	CYPD36US
BRAND NAME:	belkin
INPUT:	100-240Vac, 50-60Hz 0.9A
OUTPUT:	5Vdc 3A, 9Vdc 3A, 12Vdc 3A, 15Vdc 2.4A
PLUG TYPE	US

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.

Reference KDB 680106 D01 RF Exposure Wireless Charging App v03

The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

2.2 DESCRIPTION OF SUPPORT UNITS

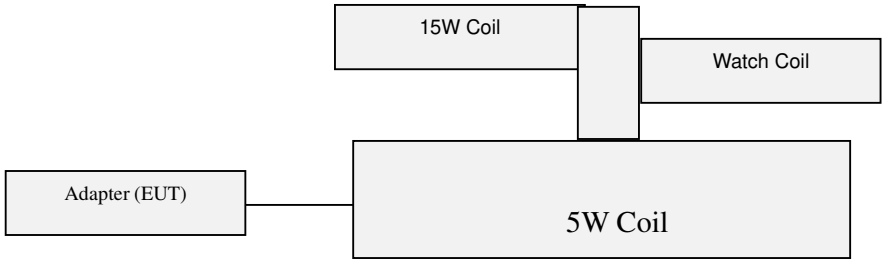
The EUT has been tested with associated equipment below

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	iPhone 16 Pro(1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	BCG-E8666A	BV Lab.
B	iPhone 16 Pro(2#)	Apple	A3083 (MYM93LL/A)	C57JWWWYG0	BCG-E8666A	
C	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	
D	AirPods Pro Case	Apple	A2190	GXDGFE8W1059	N/A	
E	Apple watch Series7	Apple	A2474	T9VJ36WRRV	N/A	

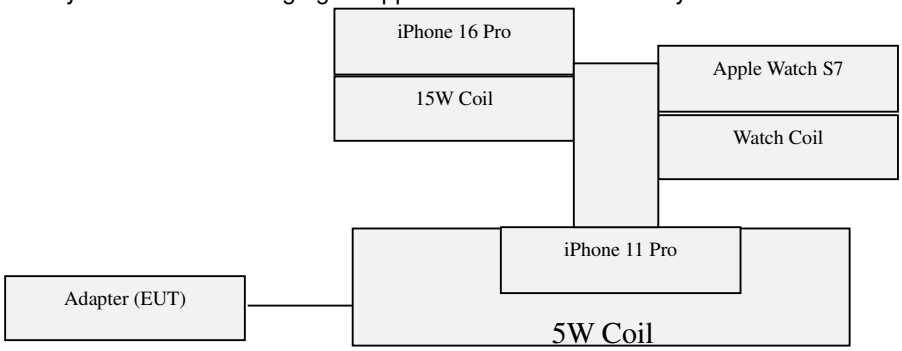
Description	Length (m)	Shielding (Y/N)	Remark
USB-C to USB-C cable	1.5	Y	Nen Oceans Precision Component (JiangXi) Co.,Ltd./ DB336/C-C/L=1.5m Black
USB-C to USB-C cable	1.5	Y	Nen Oceans Precision Component (JiangXi) Co.,Ltd./ DB337/C-C/L=1.5m White

2.3 CONFIGURATION OF SYSTEM UNDER TEST

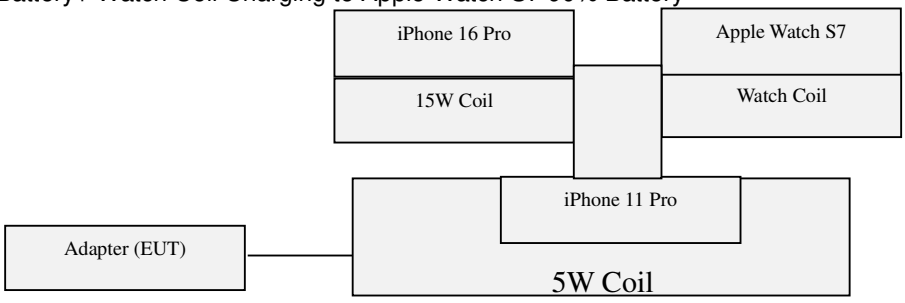
Mode 1: Standby



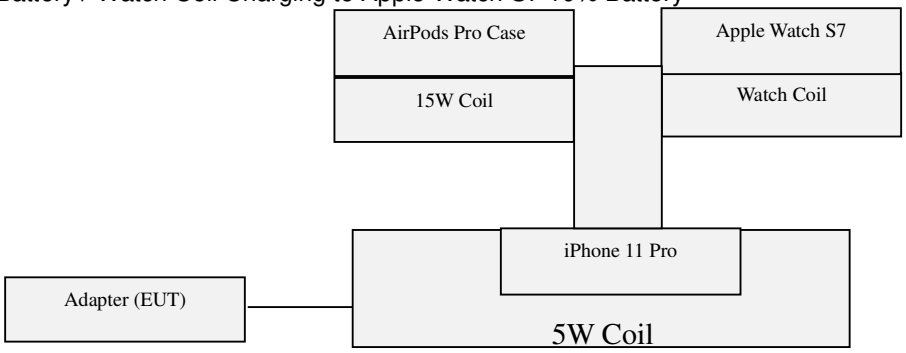
Mode2: EUT 15W Coil Charging to iPhone 16 Pro %10 Battery+ 5W Coil Charging to iPhone 11 Pro 10% Battery+ Watch Coil Charging to Apple Watch S7 10% Battery



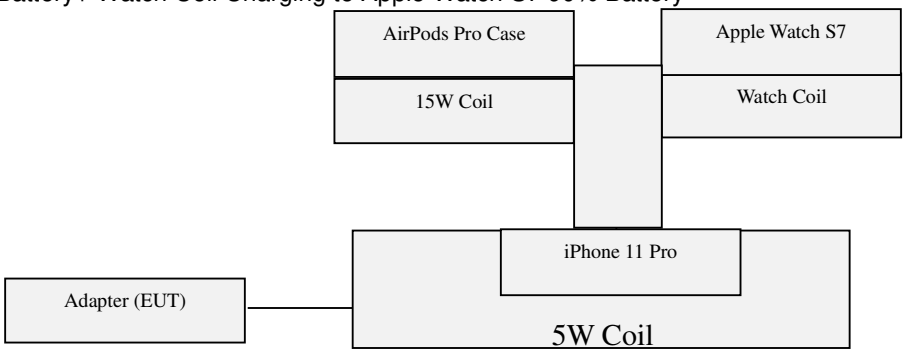
Mode3: EUT 15W Coil Charging to iPhone 16 Pro 90% Battery+ 5W Coil Charging to iPhone 11 Pro 90% Battery+ Watch Coil Charging to Apple Watch S7 90% Battery



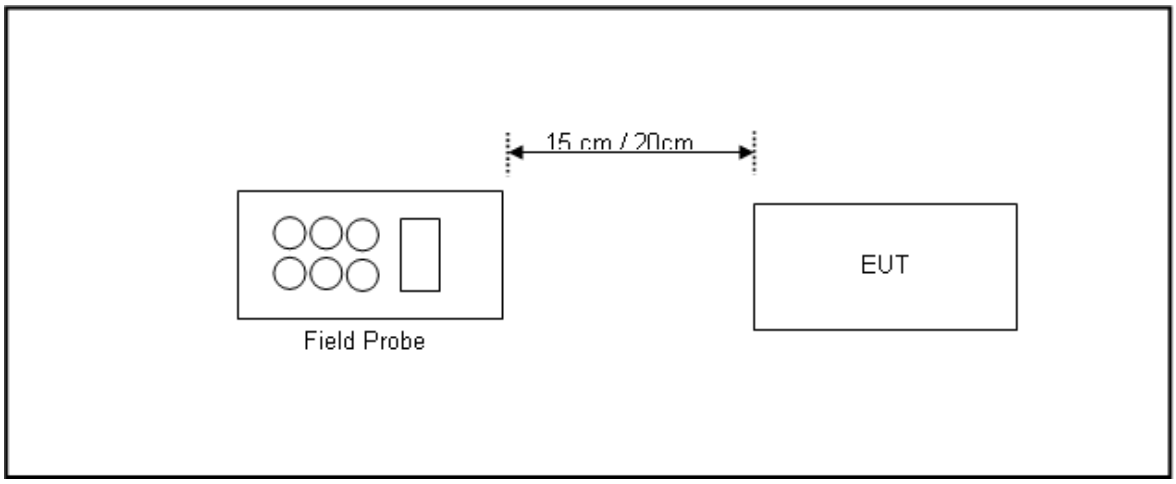
Mode4: EUT 15W Coil Charging to AirPods Pro case 10% Battery+ 5W Coil Charging to iPhone 11 Pro 10% Battery+ Watch Coil Charging to Apple Watch S7 10% Battery



Mode5: EUT 15W Coil Charging to AirPods Pro case 90% Battery+ 5W Coil Charging to iPhone 11 Pro 90% Battery+ Watch Coil Charging to Apple Watch S7 90% Battery



2.4 TEST SETUP FOR WPC



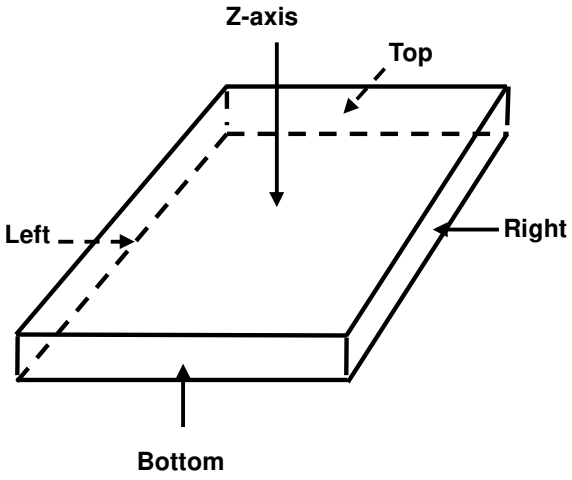
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
E-Field probe	Narda	NBM-520	2403/01B	Apr. 05, 25
Electric and Magnetic Field Probe-Analyzer	Narda	EHP-200A	180ZX10216	Feb. 19, 26
3mFully Anechoic Chamber	Chance Most	8m*4m*4m	D3040011DG	May 27, 25
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 15W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1539	0.1624	0.1539	0.1539	0.1307
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8461	-613.8376	-613.8461	-613.8461	-613.8693
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8461	-306.8376	-306.8461	-306.8461	-306.8693

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0236	0.0517	0.0182	0.0524	0.0182
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.606	-1.578	-1.612	-1.578	-1.612
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.791	-0.763	-0.797	-0.763	-0.797

Mode1: Standby for 5W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1406	0.1424	0.1639	0.1406	0.3078
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8594	-613.8576	-613.8361	-613.8594	-613.6922
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8594	-306.8576	-306.8361	-306.8594	-306.6922

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0590	0.0200	0.0474	0.0633	0.1559
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.571	-1.610	-1.583	-1.567	-1.474
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.756	-0.795	-0.768	-0.752	-0.659

Mode1: Standby For Watch Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1697	0.2171	0.1307	0.1639	0.1539
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8303	-613.7829	-613.8693	-613.8361	-613.8461
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8303	-306.7829	-306.8693	-306.8361	-306.8461

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0480	0.0632	0.0193	0.0489	0.0205
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.582	-1.567	-1.611	-1.581	-1.610
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.767	-0.752	-0.796	-0.766	-0.795

Mode2: EUT+15W Coil (iPhone 16 Pro 10% Battery Charging)+ 5W Coil (iPhone 11 Pro 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) for 15W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.6791	0.6834	0.5683	0.4934	0.3931
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.3209	-613.3166	-613.4317	-613.5066	-613.6069
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.3209	-306.3166	-306.4317	-306.5066	-306.6069

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0490	0.0541	0.0648	0.0205	0.0440
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.581	-1.576	-1.565	-1.610	-1.586
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.766	-0.761	-0.750	-0.795	-0.771

Mode2: EUT+15W Coil (iPhone 16 Pro 10% Battery Charging)+ 5W Coil (iPhone 11 Pro 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) for 5W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3300	0.3164	0.3164	0.2148	0.2567
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.67	-613.6836	-613.6836	-613.7852	-613.7433
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.67	-306.6836	-306.6836	-306.7852	-306.7433

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0332	0.0200	0.0376	0.0205	0.0308
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.597	-1.610	-1.592	-1.610	-1.599
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.782	-0.795	-0.777	-0.795	-0.784

Mode2: EUT+15W Coil (iPhone 16 Pro 10% Battery Charging)+ 5W Coil (iPhone 11 Pro 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) for Watch Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2125	0.1515	0.1539	0.2125	0.1809
Limit (V/m)	463.442	463.442	463.442	463.442	463.442
Margin (V/m)	-463.22957	-463.2906	-463.2882	-463.2296	-463.2612
50% Limit (V/m)	231.721	231.721	231.721	231.721	231.721
50% Margin (V/m)	-231.50853	-231.5085	-231.5085	-231.5085	-231.5085

Note: E-Field Limit=824/f(MHz)=824/1.778=463.442 V/m

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0755	0.0869	0.0957	0.1219	0.0921
Limit (A/m)	1.232	1.232	1.232	1.232	1.232
Margin (A/m)	-1.156	-1.145	-1.136	-1.110	-1.140
50% Limit (A/m)	0.616	0.616	0.616	0.616	0.616
50% Margin (A/m)	-0.540	-0.529	-0.520	-0.494	-0.524

Note: H-Field Limit=2.19/f(MHz)=2.19/1.778=1.232 A/m

Mode3:EUT+15W Coil (iPhone 16 Pro 90% Battery Charging)+ 5W Coil (iPhone 11 Pro 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For 15W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.6689	0.6713	0.5824	0.4667	0.3689
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.3311	-613.3287	-613.4176	-613.5333	-613.6311
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.3311	-306.3287	-306.4176	-306.5333	-306.6311

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0641	0.0733	0.0564	0.0194	0.0379
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.566	-1.557	-1.574	-1.611	-1.592
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.751	-0.742	-0.759	-0.796	-0.777

Mode3: EUT+15W Coil (iPhone 16 Pro 90% Battery Charging)+ 5W Coil (iPhone 11 Pro 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For 5W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3632	0.3124	0.3875	0.2836	0.2388
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6368	-613.6876	-613.6125	-613.7164	-613.7612
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6368	-306.6876	-306.6125	-306.7164	-306.7612

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0388	0.0330	0.0321	0.0204	0.0344
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.591	-1.597	-1.598	-1.610	-1.596
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.776	-0.782	-0.783	-0.795	-0.781

Mode3: EUT+15W Coil (iPhone 16 Pro 90% Battery Charging)+ 5W Coil (iPhone 11 Pro 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For Watch Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2113	0.1451	0.1941	0.2543	0.1422
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7887	-613.8549	-613.8059	-613.7457	-613.8579
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7887	-306.8549	-306.8059	-306.7457	-306.8579

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0877	0.0899	0.0942	0.0142	0.0927
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.542	-1.540	-1.536	-1.616	-1.537
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.727	-0.725	-0.721	-0.801	-0.722

Mode4: EUT+15W Coil(AirPods Pro Case 10% Battery Charging)+ 5W Coil (iPhone11 Pro Case 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) For 15W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3022	0.4225	0.3678	0.2813	0.4336
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6978	-613.5775	-613.6322	-613.7187	-613.5664
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6978	-306.5775	-306.6322	-306.7187	-306.5664

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0806	0.0894	0.0702	0.0802	0.2043
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.549	-1.541	-1.560	-1.550	-1.426
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.734	-0.726	-0.745	-0.735	-0.611

Mode5: EUT+15W Coil (AirPods Pro Case 90% Battery Charging)+ 5W Coil (iPhone11 Pro Case 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For 15W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3654	0.4235	0.3654	0.2754	0.4664
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6346	-613.5765	-613.6346	-613.7246	-613.5336
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6346	-306.5765	-306.6346	-306.7246	-306.5336

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0759	0.0932	0.0687	0.0834	0.1456
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.554	-1.537	-1.561	-1.547	-1.484
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.739	-0.722	-0.746	-0.732	-0.669

3. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

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