



Test Report No.: FM2505WDG0209



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 Pro 3-in-1 Magnetic Charging Dock
Brand Name	belkin
Model	WIZ041
Additional Model & Model Difference	N/A
Date of tests	May 20, 2025 ~ Jun.25, 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: Jul. 02, 2025

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2505WDG0209	Original release	Jul. 02, 2025

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	K7SWIZ041
PRODUCT	UltraCharge Pro 3-in-1 Magnetic Charging Dock
MODEL NO.	WIZ041
ADDITIONAL MODEL	N/A
POWER SUPPLY	DC 9V or 15V From Adapter
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	25W Qi2.2 Charging Coil (BPP/MPP): 111-148kHz & 360kHz 5W Qi2.2 (BPP) Charging Coil:111-148kHz Apple Watch Charging 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:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
- Please refer to the EUT photo document (Reference No.: 2505WDG0209-3) for detailed product photo.
- Adapter information as follows:

45W USB-C Wall Charger with PPS	
MODEL NO.:	WCA013dq
BRAND NAME:	belkin
INPUT:	100-240Vac, 1.0A, 50-60Hz
OUTPUT:	(PDO)5Vdc 3A, 9Vdc 3A, 12Vdc 3A, 15Vdc 3A, 20Vdc 2.25A (PPS) 5-16Vdc 2.8A
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

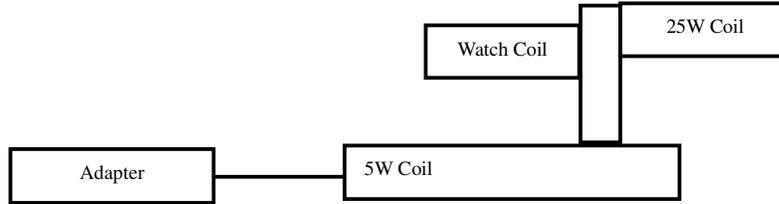
The EUT has been tested with associated equipment below:

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	25W RX Load	CPS	N/A	N/A	N/A	By client
B	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	BV Lab.
C	AirPods Pro Case	Apple	A2190	GXDGFE8W1059	N/A	
D	Apple watch Series7	Apple	A2474	T9VJ36WRRV	N/A	
E	iPhone 16 Pro(1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	BCG-E8666A	

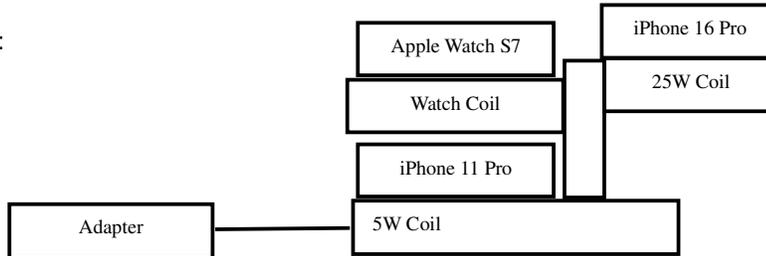
Description	Length (m)	Shielding (Y/N)	Remark
USB-C to USB-C cable	1.5	Y	-

2.3 CONFIGURATION OF SYSTEM UNDER TEST

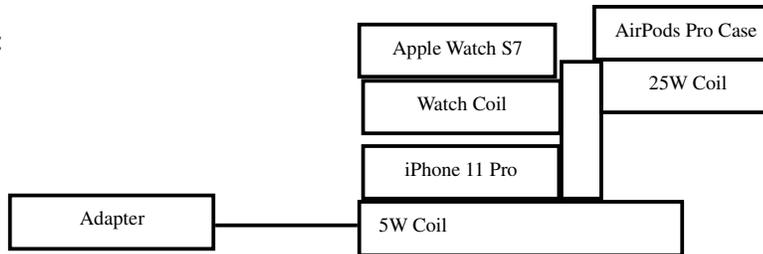
Mode A:



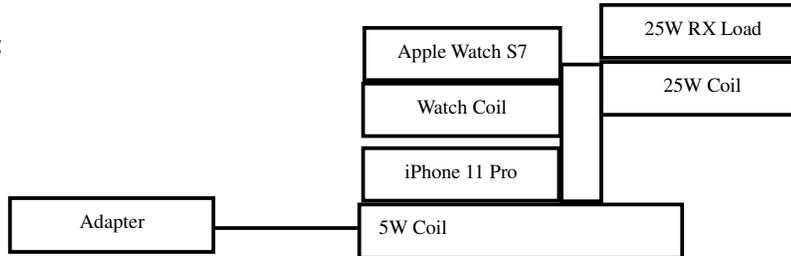
Mode B:



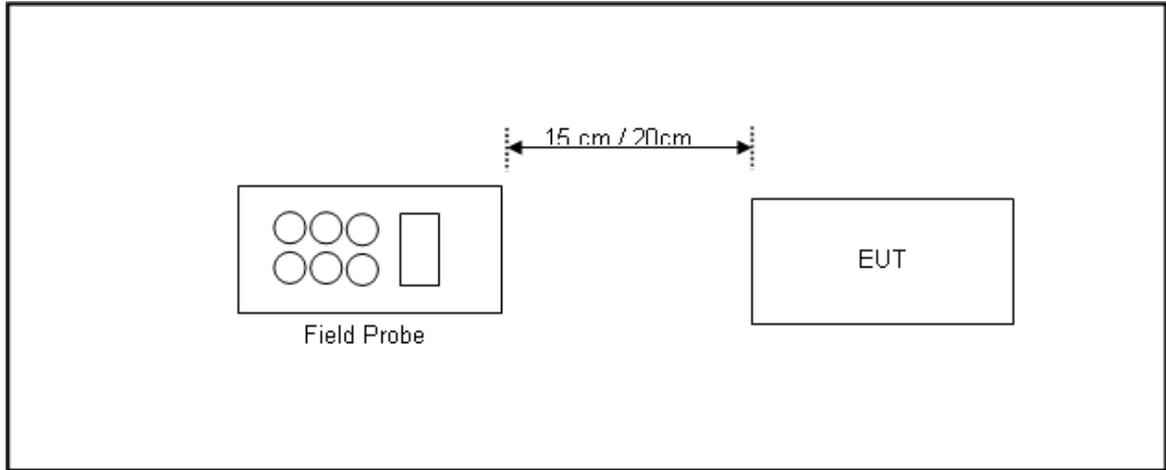
Mode C:



Mode D:



2.4 TEST SETUP FOR WPC



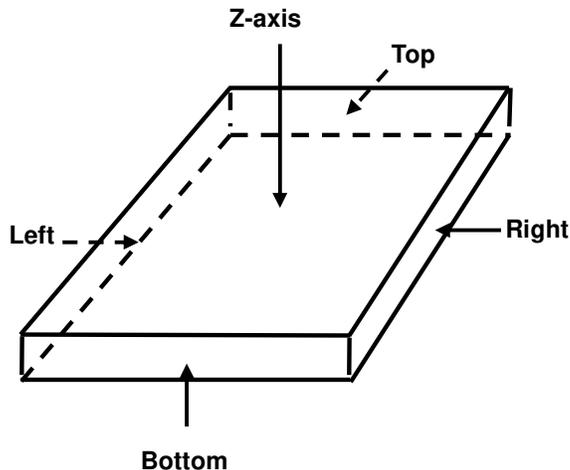
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

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 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 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1822	0.1406	0.1307	0.4369	0.1539
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8178	-613.8594	-613.8693	-613.5631	-613.8461
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8178	-306.8594	-306.8693	-306.5631	-306.8461

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0700	0.0755	0.0359	0.3839	0.0381
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.560	-1.555	-1.594	-1.246	-1.592
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.745	-0.740	-0.779	-0.431	-0.777

Mode1: Standby for 5W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2148	0.2148	0.2431	0.1539	0.4724
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7852	-613.7852	-613.7569	-613.8461	-613.5276
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7852	-306.7852	-306.7569	-306.8461	-306.5276

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0406	0.0274	0.0430	0.0411	0.3420
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.589	-1.603	-1.587	-1.589	-1.288
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.774	-0.788	-0.772	-0.774	-0.473



Mode1: Standby For Watch Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2813	0.3760	0.3473	0.2390	0.2441
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7187	-613.624	-613.6527	-613.761	-613.7559
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7187	-306.624	-306.6527	-306.761	-306.7559

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.1687	0.1380	0.1610	0.0619	0.1563
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.461	-1.492	-1.469	-1.568	-1.474
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.646	-0.677	-0.654	-0.753	-0.659

Mode2: EUT+25W Coil (iPhone 16 Pro 10% Battery Charging)+ 5W Coil (iPhone 11 Pro 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) for 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.4406	0.3977	0.5206	0.4355	0.9192
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.5594	-613.6023	-613.4794	-613.5645	-613.0808
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.5594	-306.6023	-306.4794	-306.5645	-306.0808

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0965	0.0683	0.0449	0.3633	0.0878
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.534	-1.562	-1.585	-1.267	-1.542
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.719	-0.747	-0.770	-0.452	-0.727



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Mode2: EUT+25W 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)	0.2013	0.2505	0.2364	0.2049	0.4204
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7987	-613.7495	-613.7636	-613.7951	-613.5796
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7987	-306.7495	-306.7636	-306.7951	-306.5796

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0445	0.0498	0.0452	0.0460	0.1571
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.586	-1.580	-1.585	-1.584	-1.473
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.771	-0.765	-0.770	-0.769	-0.658

Mode2: EUT+25W 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)	0.3054	0.4290	0.3597	0.2390	0.3270
Limit (V/m)	463.442	463.442	463.442	463.442	463.442
Margin (V/m)	-463.1367	-463.0131	-463.0824	-463.2031	-463.1151
50% Limit (V/m)	231.721	231.721	231.721	231.721	231.721
50% Margin (V/m)	-231.4156	-231.4156	-231.4156	-231.4156	-231.4156

Note: E-Field Limit= $824/f(\text{MHz})=824/1.778=463.442$ V/m

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0798	0.1198	0.2212	0.0541	0.1784
Limit (A/m)	1.232	1.232	1.232	1.232	1.232
Margin (A/m)	-1.152	-1.112	-1.011	-1.178	-1.053
50% Limit (A/m)	0.616	0.616	0.616	0.616	0.616
50% Margin (A/m)	-0.536	-0.496	-0.395	-0.562	-0.437

Note: H-Field Limit= $2.19/f(\text{MHz})=2.19/1.778=1.232$ A/m



Mode3:EUT+25W Coil (iPhone 16 Pro 90% Battery Charging)+ 5W Coil (iPhone 11 Pro 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2763	0.4628	0.6323	0.3155	0.9235
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7237	-613.5372	-613.3677	-613.6845	-613.0765
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7237	-306.5372	-306.3677	-306.6845	-306.0765

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0975	0.0822	0.0343	0.3768	0.0829
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.532	-1.548	-1.596	-1.253	-1.547
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.717	-0.733	-0.781	-0.438	-0.732

Mode3: EUT+25W 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)	0.3253	0.3255	0.3522	0.3244	0.5400
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6747	-613.6745	-613.6478	-613.6757	-613.46
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6747	-306.6745	-306.6478	-306.6757	-306.46

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0350	0.0437	0.0437	0.0546	0.3253
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.595	-1.586	-1.586	-1.575	-1.305
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.780	-0.771	-0.771	-0.760	-0.490



Mode3: EUT+25W 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)	0.4343	0.4345	0.3665	0.2365	0.3254
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.5657	-613.5655	-613.6335	-613.7635	-613.6746
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.5657	-306.5655	-306.6335	-306.7635	-306.6746

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0655	0.1246	0.2346	0.0655	0.1654
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.565	-1.505	-1.395	-1.565	-1.465
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.750	-0.690	-0.580	-0.750	-0.650

Mode4: EUT+25W Coil(AirPods Pro Case 10% Battery Charging)+ 5W Coil (iPhone11 Pro Case 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) For 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3877	0.3676	0.3765	0.3666	0.5347
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6124	-613.6324	-613.6235	-613.6334	-613.4653
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6124	-306.6324	-306.6235	-306.6334	-306.4653

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0524	0.0477	0.0874	0.0765	0.3235
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.578	-1.582	-1.543	-1.553	-1.307
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.763	-0.767	-0.728	-0.738	-0.492



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Mode5: EUT+25W Coil (AirPods Pro Case 90% Battery Charging)+ 5W Coil (iPhone11 Pro Case 90% Battery Charging)+ Wath Coil (Apple watch S7 90% Battery Charging) For 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3877	0.3846	0.3268	0.3986	0.5389
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6123	-613.6154	-613.6733	-613.6014	-613.4611
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6123	-306.6154	-306.6733	-306.6014	-306.4611

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0894	0.0846	0.0936	0.0365	0.3689
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.541	-1.545	-1.536	-1.594	-1.261
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.726	-0.730	-0.721	-0.779	-0.446

Mode6: EUT+25W Coil (25W RX Load)+ 5W Coil (iPhone11 Pro Case 10% Battery Charging)+ Wath Coil (Apple watch S7 10% Battery Charging) For 25W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.3767	0.3549	0.3456	0.3945	0.5385
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.6233	-613.6451	-613.6544	-613.6055	-613.4616
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.6233	-306.6451	-306.6544	-306.6055	-306.4616

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0589	0.0438	0.0856	0.0654	0.3895
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.571	-1.586	-1.544	-1.565	-1.240
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.756	-0.771	-0.729	-0.750	-0.425



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3. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

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