RF EXPOSURE TEST REPORT

Applicant	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China

Manufacturer or Supplier	Ugreen Group Limited
Address	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Product	3-in-1 Wireless Charger
Brand Name	**UGREEN**
Model	W757
Additional Model & Model Difference	N/A
P/N Code:	65901, 65901P, 65901X, 65901A, 65901B, 65901U, 65901JP, 65901ZD, 65901T, KC-65901, 55964, 55964P, 55964X, 55964A, 55964B, 55964U, 55964JP, 55964ZD, 55964T, KC-55964, 55965, 55965P, 55965X, 55965A, 55965B, 55965U, 55965JP, 55965ZD, 55965T, KC-55965, 55966, 55966P, 55966X, 55966A, 55966B, 55966U, 55966JP, 55966ZD, 55966T, KC-55966
Date of tests	Jul. 14, 2025 ~ Jul. 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 Andrew Sha Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Date: Aug. 06, 2025

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2506WDG0296	Original release	Aug. 06, 2025

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	2AQI5-W757
PRODUCT	3-in-1 Wireless Charger
MODEL NO.	W757
ADDITIONAL MODEL	N/A
POWER SUPPLY	USB-C (IN) Input: 9.0V⎓3.0A/12.0V⎓3.0A/15.0V⎓3.0A Wireless Charging Output Power: iPhone 25.0W Max, Apple Watch 5.0W Max, AirPods 5.0W Max Wireless Charging Total Output Power: 35W Max
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	25W Charging Coil:127.8kHz & 360kHz 5W Charging Coil:110.5-148.5kHz Apple Watch Charging Coil:326.5kHz & 1.778MHz
ANTENNA TYPE	Coil Antenna*3
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB-C cable: Shielded, Detachable, 1.0m

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.: 2506WDG0296) for detailed product photo.

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 v04

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

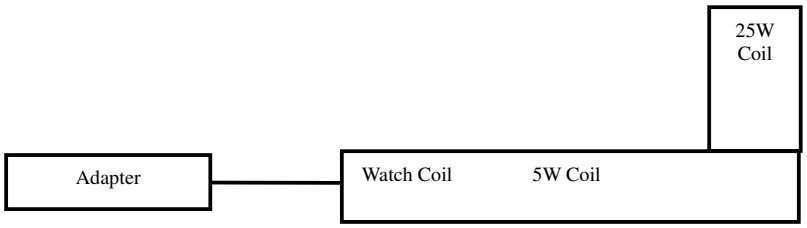
The EUT has been tested with associated equipment below:

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	Provided by
1	25W RX Load	CPS	N/A	N/A	Lab.
2	iPhone 16 Pro	Apple	A3083 (MYM93LL/A)	C57JWWWYG0	Lab.
3	Samsung S8	Samsung	SM-G950FD	R58J506G1JL	Lab.
4	AirPods Pro	Apple	A2968	CM9000NQH9	Lab.
5	AirPods Pro	Apple	A2968	H9QYKWTV9C	Lab.
6	iWatch S7	Apple	A2474	T9VJ36WRRV	Lab.
7	Adapter	Ugreen	W0453	S41003900054	Client
8	Adapter	Ugreen	W0454	S41003900067	Client
9	Adapter	Ugreen	W0452	S63003900010	Client

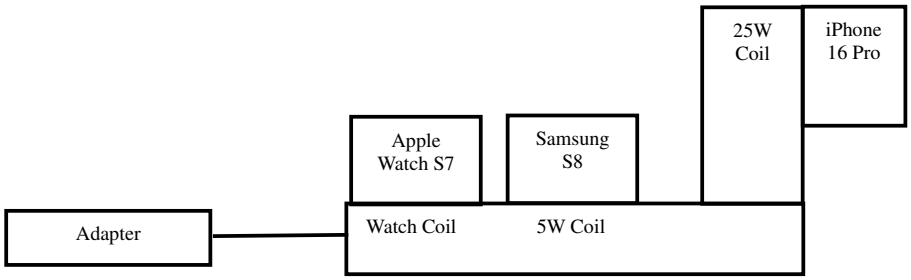
NO.	DESCRIPTION OF THE ABOVE SUPPORT UNITS
7-9	USB cable: Shielded, Detachable, 1.0m

2.3 CONFIGURATION OF SYSTEM UNDER TEST

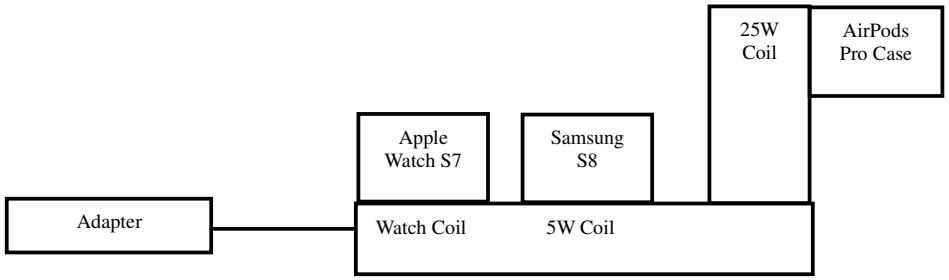
Mode A:



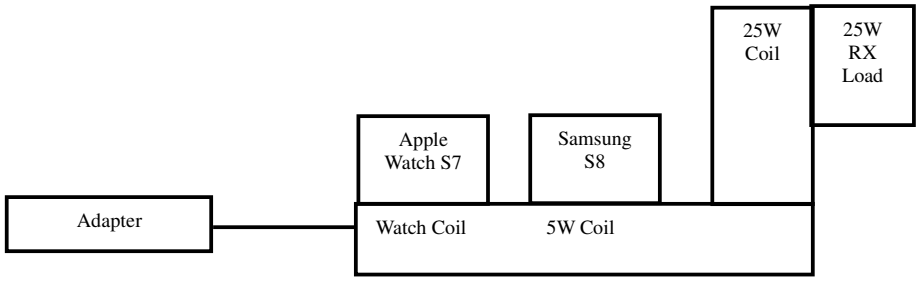
Mode B:



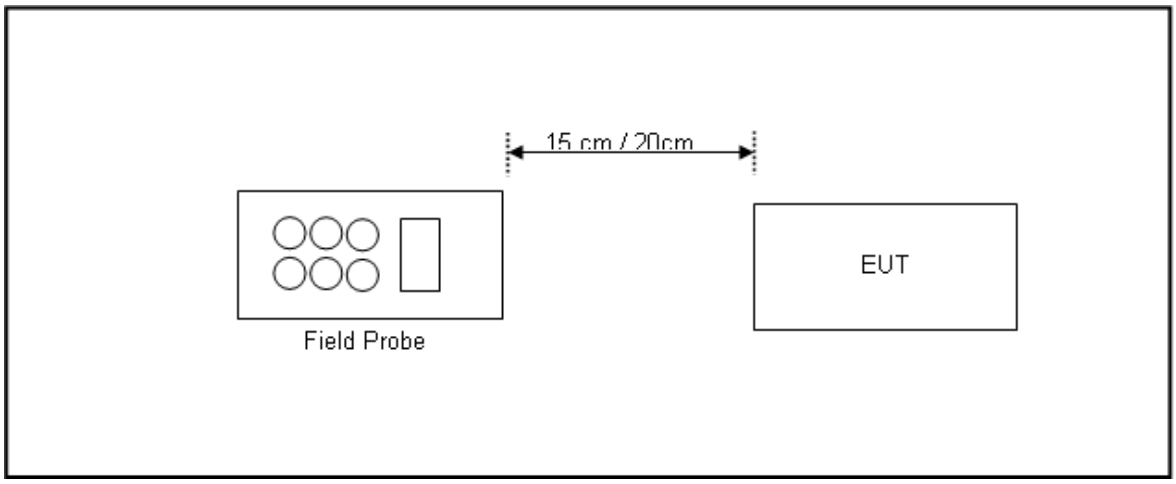
Mode C:



Mode D:



2.4 TEST SETUP FOR WPC



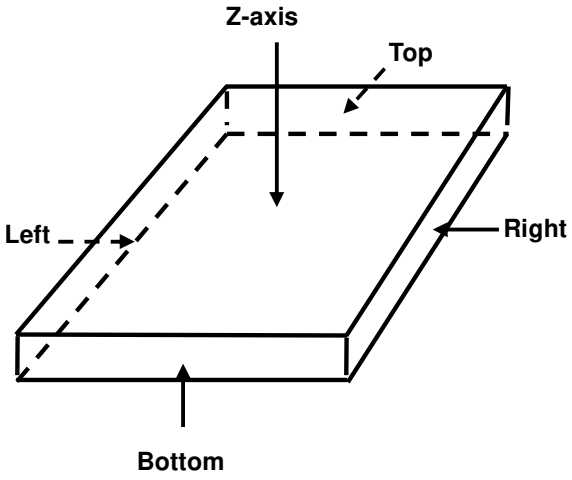
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
E-Field probe	Narda	NBM-520	2403/01B	Apr. 12, 26
Electric and Magnetic Field Probe-Analyzer	Narda	EHP-200A	180ZX10216	Jan. 07, 26
3mFully Anechoic Chamber	Chance Most	8m*4m*4m	D3040011DG	May 27, 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	0.1639	0.1539	0.1639	0.1639
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8361	-613.8361	-613.8461	-613.8361	-613.8361
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8361	-306.8361	-306.8461	-306.8361	-306.8361

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0221	0.0217	0.0345	0.0221	0.0406
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.608	-1.608	-1.596	-1.608	-1.589
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.793	-0.793	-0.781	-0.793	-0.774

Mode1: Standby for 5W Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2013	0.2171	0.1809	0.2049	0.2280
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7987	-613.7829	-613.8191	-613.7951	-613.772
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7987	-306.7829	-306.8191	-306.7951	-306.772

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0474	0.0362	0.0455	0.0406	0.1291
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.583	-1.594	-1.585	-1.589	-1.501
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.768	-0.779	-0.770	-0.774	-0.686

Mode1: Standby for Watch Coil

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2466	0.1907	0.1809	0.1719	0.1639
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.7534	-613.8093	-613.8191	-613.8281	-613.8361
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.7534	-306.8093	-306.8191	-306.8281	-306.8361

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0874	0.0959	0.1297	0.0636	0.0485
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.543	-1.534	-1.500	-1.566	-1.582
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.728	-0.719	-0.685	-0.751	-0.767

Mode2: charging mode for 25W Coil:
25W Coil (iPhone 16 Pro 10% Battery Charging)
5W Coil (Samsung S8 10% Battery Charging)
Watch Coil (Apple Watch S7 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.6351	0.6128	1.3973	1.6543	1.2112
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.3649	-613.3872	-612.6027	-612.3457	-612.7888
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.3649	-306.3872	-305.6027	-305.3457	-305.7888

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0281	0.0281	0.0370	0.0332	0.0219
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.602	-1.602	-1.593	-1.597	-1.608
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.787	-0.787	-0.778	-0.782	-0.793

Mode2: charging mode for 5W Coil
25W Coil (iPhone 16 Pro 10% Battery Charging)
5W Coil (Samsung 10% Battery Charging)
Watch Coil (Apple Watch S7 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.5400	1.2545	1.0537	0.6080	0.3539
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.46	-612.7455	-612.9463	-613.392	-613.6461
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.46	-305.7455	-305.9463	-306.392	-306.6461

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.1330	0.1206	0.6065	0.1836	0.0452
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.497	-1.509	-1.023	-1.446	-1.585
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.682	-0.694	-0.208	-0.631	-0.770

Mode2: charging mode for Watch Coil
25W Coil (iPhone 16 Pro 10% Battery Charging)
5W Coil (Samsung 10% Battery Charging)
Watch Coil (Apple Watch S7 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.2985	0.1733	0.1719	0.2323	0.1639
Limit (V/m)	463.442	463.442	463.442	463.442	463.442
Margin (V/m)	-463.1436	-463.2688	-463.2702	-463.2098	-463.2782
50% Limit (V/m)	231.721	231.721	231.721	231.721	231.721
50% Margin (V/m)	-231.4225	-231.4225	-231.4225	-231.4225	-231.4225

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.1330	0.1121	0.0823	0.1236	0.0457
Limit (A/m)	1.232	1.232	1.232	1.232	1.232
Margin (A/m)	-1.099	-1.120	-1.149	-1.108	-1.186
50% Limit (A/m)	0.616	0.616	0.616	0.616	0.616
50% Margin (A/m)	-0.483	-0.504	-0.534	-0.492	-0.570

Mode3: charging mode for 25W Coil
25W Coil (iPhone 16 Pro 90% Battery Charging)
5W Coil (Samsung S8 90% Battery Charging)
Watch Coil (Apple Watch S7 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.5940	0.5660	1.3217	1.6986	1.1103
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.406	-613.434	-612.6783	-612.3014	-612.8897
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.406	-306.434	-305.6783	-305.3014	-305.8897

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0281	0.0281	0.0339	0.3220	0.0200
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.602	-1.602	-1.596	-1.308	-1.610
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.787	-0.787	-0.781	-0.493	-0.795

Mode3: charging mode for 5W Coil
25W Coil (iPhone 16 Pro 90% Battery Charging)
5W Coil (Samsung S8 90% Battery Charging)
Watch Coil (Apple Watch S7 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.5570	1.2445	1.2673	0.6223	0.3501
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.443	-612.7555	-612.7327	-613.3777	-613.6499
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.443	-305.7555	-305.7327	-306.3777	-306.6499

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.1645	0.1168	0.5672	0.1256	0.0482
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.466	-1.513	-1.063	-1.504	-1.582
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.651	-0.698	-0.248	-0.689	-0.767

Mode3: charging mode for 5W Coil
25W Coil (iPhone 16 Pro 90% Battery Charging)
5W Coil (Samsung S8 90% Battery Charging)
Watch Coil (Apple Watch S7 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1515	0.1989	0.2001	0.1836	0.1673
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8485	-613.8011	-613.7999	-613.8164	-613.8327
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8485	-306.8011	-306.7999	-306.8164	-306.8327

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0990	0.1085	0.1628	0.1224	0.0214
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.531	-1.522	-1.467	-1.508	-1.609
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.716	-0.707	-0.652	-0.693	-0.794

Mode4: charging mode for 25W Coil
25W Coil(AirPods Pro Case 10% Battery Charging)
5W Coil (Samsung S8 10% Battery Charging)
Watch Coil (Apple Watch S7 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1933	0.1747	0.1836	0.2973	0.1639
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8067	-613.8253	-613.8164	-613.7027	-613.8361
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8067	-306.8253	-306.8164	-306.7027	-306.8361

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0418	0.0383	0.0498	0.1081	0.1104
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.588	-1.592	-1.580	-1.522	-1.520
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.773	-0.777	-0.765	-0.707	-0.705

Mode5: charging mode for 25W Coil
25W Coil (AirPods Pro Case 90% Battery Charging)
5W Coil (Samsung S8 90% Battery Charging)
Watch Coil (Apple Watch S7 90% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.1933	0.1733	0.1847	0.2615	0.2125
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.8067	-613.8267	-613.8153	-613.7385	-613.7875
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.8067	-306.8267	-306.8153	-306.7385	-306.7875

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0461	0.0371	0.5131	0.0924	0.1163
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.584	-1.593	-1.117	-1.538	-1.514
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.769	-0.778	-0.302	-0.723	-0.699

Mode6: charging mode for 25W Coil
25W Coil (25W RX Load)
5W Coil (Samsung S8 10% Battery Charging)
Watch Coil (Apple Watch S7 10% Battery Charging)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.0389	1.0765	0.9480	1.1850	0.9414
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.9611	-612.9235	-613.052	-612.815	-613.0586
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.9611	-305.9235	-306.052	-305.815	-306.0586

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (A/m)	0.0283	0.0418	0.0412	0.0269	0.0332
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.602	-1.588	-1.589	-1.603	-1.597
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.787	-0.773	-0.774	-0.788	-0.782

3. PHOTOGRAPHS OF THE TEST CONFIGURATION

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

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