RF Exposure Test Report

Report No.:	SABCBS-WTW-P20120492
FCC ID:	K7SWIZ010
Test Model:	WIZ010
Received Date:	Dec. 15, 2020
Test Date:	Dec. 16 ~ Dec. 17, 2020
Issued Date:	Dec. 30, 2020
Applicant:	Belkin International, Inc.
Address:	12045 East Waterfront Drive, Playa Vista, CA 90094
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN
FCC Registration / Designation Number:	788550 / TW0003

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Release Control Record

Issue No.	Description	Date Issued
SABCBS-WTW-P20120492	Original release	Dec. 30, 2020

1 Certificate of Conformity

Product:	BOOST↑CHARGE™ PRO 2-in-1 Wireless Charger Stand with MagSafe
Brand:	belkin
Test Model:	WIZ010
Sample Status:	Engineering sample
Applicant:	Belkin International, Inc.
Test Date:	Dec. 16 ~ Dec. 17, 2020
Standards:	FCC Part 1 (Section 1.1307(b), Section 1.1310) FCC Part 2 (Section 2.1091)
References Test Guidance:	IEEE C95.3 -2002 KDB 680106 D01 RF Exposure Wireless Charging Apps v03

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Polly Chien , **Date:** Dec. 30, 2020

Polly Chien / Specialist

Approved by : Bruce Chen , **Date:** Dec. 30, 2020

Bruce Chen / Senior Project Engineer

2 General Information

2.1 General Description of EUT

Product	BOOST↑CHARGE™ PRO 2-in-1 Wireless Charger Stand with MagSafe
Brand	belkin
Test Model	WIZ010
Sample Status	Engineering sample
Power Supply Rating	15Vdc (adapter)
Modulation Type	FSK
Operating Frequency	360.0kHz 111-148kHz
Antenna Type	Coil antenna (The Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible)
Field Strength	360.0kHz: -28.3dBuV/m 147.9kHz: -7.3dBuV/m
Dimension for iPhone charging coil	12.12cm^2 (Diameter = 39.3mm)
Dimension for AirPods charging coil	15.20cm^2 (Diameter = 44mm)
Accessory Device	Refer to Note as below
Data Cable Supplied	Refer to Note as below
Maximum Power Output for iPhone charging coil	15W
Maximum Power Output for AirPods charging coil	5W

Note: The EUT uses following adapter.

Brand	belkin
Model	2ACR040G NJ, 2ACR040G EU, 2ACR040G AU, 2ACR040G UK
Input Power	100-240Vac, 50/60Hz, 1.3A Max
Output Power	15Vdc, 2.67A
Power Line	1.5m DC cable without core attached on adapter

3 RF Exposure

3.1 Description of Support Units

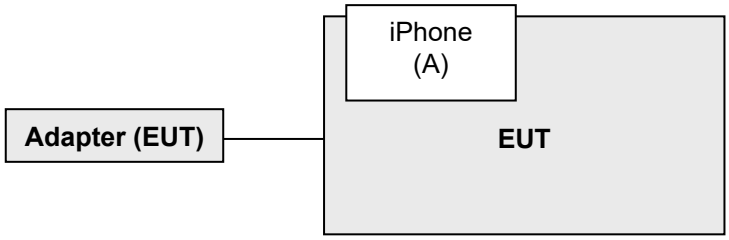
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	iPhone	APPLE	A2407	NA	NA	Provided by manufacturer
B.	AirPods	APPLE	A2031, A2032, A1938	NA	NA	Provided by manufacturer

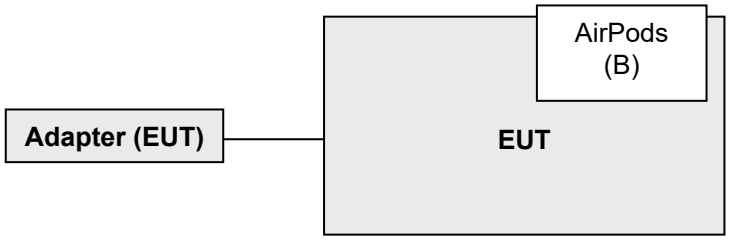
1.1.1 Configuration of System under Test

Charging Mode:

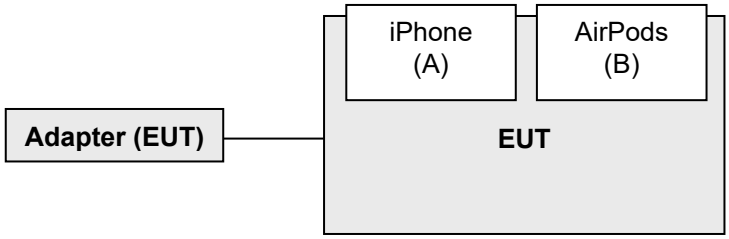
EUT wireless charging to iPhone



EUT wireless charging to AirPods

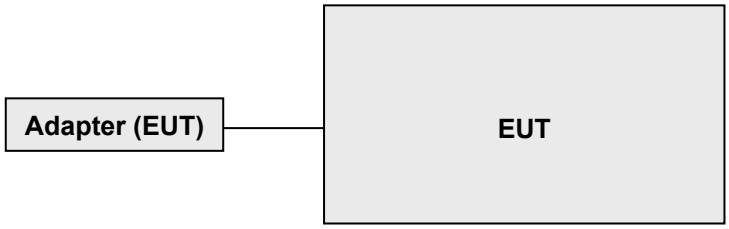


EUT wireless charging to iPhone and AirPods

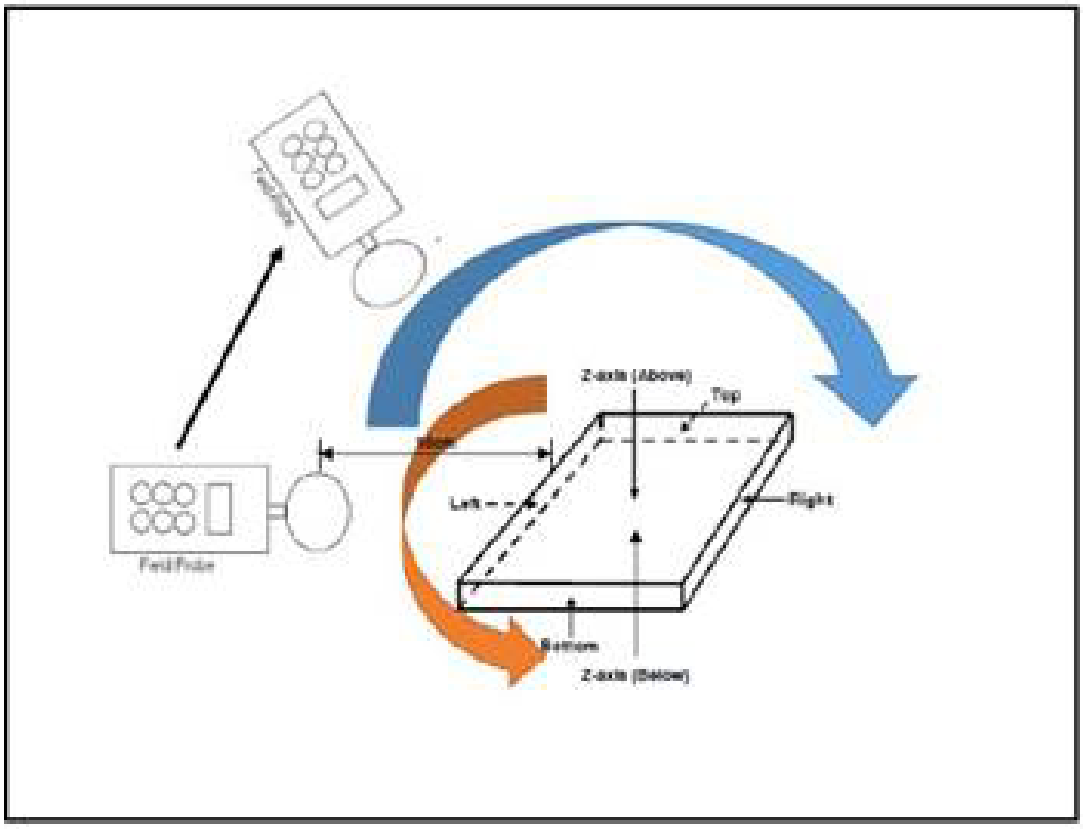


Standby Mode:

EUT only



1.2 Test Setup



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

1.3 Test Instruments

Description	Brand	Model No.	Frequency Range	Calibrated Date	Calibrated Until
Electric Field Meter	EMC Master	SMP2 dual	-	Nov. 03, 2020	Nov. 02, 2021
Field Probe	EMC Master	WP400	-	Nov. 03, 2020	Nov. 02, 2021

Note: 1. The calibration interval of the above test instruments is 12/24 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa RF Chamber

1.4 Limits for Maximum Permissible Exposure (MPE)

§ 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/cm²)	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/f²)	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/f²)	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.

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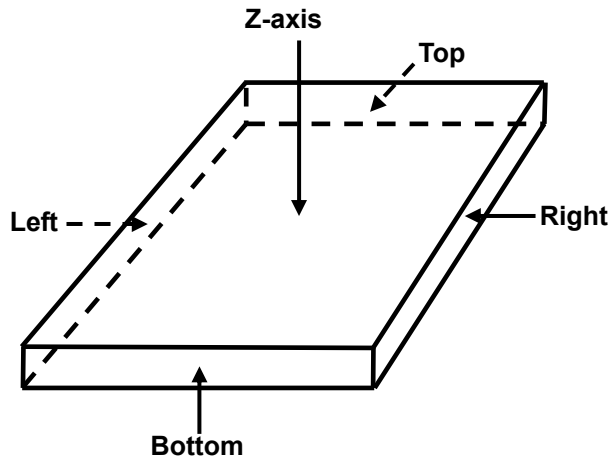
The aggregate H-fields strengths at 15 cm surrounding the device and 20cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

1.5 Test Point Description



2. Calculation Result of Maximum Conducted Power

For 360.0kHz (Charging Mode)

Charging Mode with iPhone, battery 10% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.5200	1.4500	1.5600	1.5100	1.5800	1.2700
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.4800	-612.5500	-612.4400	-612.4900	-612.4200	-612.7300
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.4800	-305.5500	-305.4400	-305.4900	-305.4200	-305.7300

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.0624	0.0622	0.0624	0.0712	0.0753	0.0629
360.0	Max H-field (A/m)	0.0499	0.0498	0.0499	0.0570	0.0602	0.0503
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.5801	-1.5802	-1.5801	-1.5730	-1.5698	-1.5797
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.7651	-0.7652	-0.7651	-0.7580	-0.7548	-0.7647

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone, battery 50% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.4300	1.3700	1.4700	1.4300	1.5100	1.1900
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.5700	-612.6300	-612.5300	-612.5700	-612.4900	-612.8100
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.5700	-305.6300	-305.5300	-305.5700	-305.4900	-305.8100

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.0595	0.0592	0.0593	0.0681	0.0722	0.0598
360.0	Max H-field (A/m)	0.0476	0.0474	0.0474	0.0545	0.0578	0.0478
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.5824	-1.5826	-1.5826	-1.5755	-1.5722	-1.5822
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.7674	-0.7676	-0.7676	-0.7605	-0.7572	-0.7672

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone, battery Max Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.3800	1.3300	1.4100	1.3700	1.4700	1.1400
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.6200	-612.6700	-612.5900	-612.6300	-612.5300	-612.8600
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.6200	-305.6700	-305.5900	-305.6300	-305.5300	-305.8600

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.5640	0.5610	0.5630	0.6520	0.6910	0.0569
360.0	Max H-field (A/m)	0.4512	0.4488	0.4504	0.5216	0.5528	0.0455
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.1788	-1.1812	-1.1796	-1.1084	-1.0772	-1.5845
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.3638	-0.3662	-0.3646	-0.2934	-0.2622	-0.7695

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

For 147.9kHz (Charging Mode)

Charging Mode with AirPods, battery 10% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.6200	1.6300	1.6600	1.6900	1.7300	1.6500
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.3800	-612.3700	-612.3400	-612.3100	-612.2700	-612.3500
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.3800	-305.3700	-305.3400	-305.3100	-305.2700	-305.3500

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0978	0.0981	0.0986	0.1069	0.1187	0.1078
147.9	Max H-field (A/m)	0.0782	0.0785	0.0789	0.0855	0.0950	0.0862
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5518	-1.5515	-1.5511	-1.5445	-1.5350	-1.5438
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7368	-0.7365	-0.7361	-0.7295	-0.7200	-0.7288

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with AirPods, battery 50% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.5700	1.5900	1.6100	1.6300	1.6900	1.5800
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.4300	-612.4100	-612.3900	-612.3700	-612.3100	-612.4200
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.4300	-305.4100	-305.3900	-305.3700	-305.3100	-305.4200

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0926	0.0931	0.0935	0.1008	0.1136	0.1027
147.9	Max H-field (A/m)	0.0741	0.0745	0.0748	0.0806	0.0909	0.0822
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5559	-1.5555	-1.5552	-1.5494	-1.5391	-1.5478
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7409	-0.7405	-0.7402	-0.7344	-0.7241	-0.7328

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with AirPods, battery Max Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.5130	1.5330	1.5580	1.5710	1.6340	1.5320
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.4870	-612.4670	-612.4420	-612.4290	-612.3660	-612.4680
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.4870	-305.4670	-305.4420	-305.4290	-305.3660	-305.4680

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0866	0.0872	0.0874	0.0959	0.1087	0.0968
147.9	Max H-field (A/m)	0.0693	0.0698	0.0699	0.0767	0.0870	0.0774
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5607	-1.5602	-1.5601	-1.5533	-1.5430	-1.5526
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7457	-0.7452	-0.7451	-0.7383	-0.7280	-0.7376

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

For 360.0kHz + 147.9kHz (Charging Mode)

Charging Mode with iPhone, battery 10% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.5300	1.4700	1.5800	1.5200	1.5900	1.2900
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.4700	-612.5300	-612.4200	-612.4800	-612.4100	-612.7100
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.4700	-305.5300	-305.4200	-305.4800	-305.4100	-305.7100

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.6280	0.0624	0.0629	0.0715	0.0755	0.0631
360.0	Max H-field (A/m)	0.5024	0.0499	0.0503	0.0572	0.0604	0.0505
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.1276	-1.5801	-1.5797	-1.5728	-1.5696	-1.5795
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.3126	-0.7651	-0.7647	-0.7578	-0.7546	-0.7645

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with AirPods, battery 10% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.6200	1.6300	1.6600	1.6900	1.7300	1.6500
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.3800	-612.3700	-612.3400	-612.3100	-612.2700	-612.3500
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.3800	-305.3700	-305.3400	-305.3100	-305.2700	-305.3500

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0978	0.0981	0.0986	0.1069	0.1187	0.1078
147.9	Max H-field (A/m)	0.0782	0.0785	0.0789	0.0855	0.0950	0.0862
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5518	-1.5515	-1.5511	-1.5445	-1.5350	-1.5438
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7368	-0.7365	-0.7361	-0.7295	-0.7200	-0.7288

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone and AirPods, battery 10% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max E-field (Ratios)	0.0051	0.0050	0.0053	0.0052	0.0054	0.0048
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.9949	-0.9950	-0.9947	-0.9948	-0.9946	-0.9952
360.0 + 147.9	50 %limit	0.0103	0.0101	0.0106	0.0105	0.0108	0.0096
360.0 + 147.9	50 % Margin	-0.9897	-0.9899	-0.9894	-0.9895	-0.9892	-0.9904

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max H-field (Ratios)	0.3562	0.0788	0.0793	0.0876	0.0953	0.0839
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.6438	-0.9212	-0.9207	-0.9124	-0.9047	-0.9161
360.0 + 147.9	50 %limit	0.7124	0.1575	0.1585	0.1751	0.1906	0.1678
360.0 + 147.9	50 % Margin	-0.2876	-0.8425	-0.8415	-0.8249	-0.8094	-0.8322

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone, battery 50% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.4500	1.3800	1.4900	1.4400	1.5200	1.2100
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.5500	-612.6200	-612.5100	-612.5600	-612.4800	-612.7900
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.5500	-305.6200	-305.5100	-305.5600	-305.4800	-305.7900

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.0598	0.0594	0.0596	0.0682	0.0724	0.0602
360.0	Max H-field (A/m)	0.0478	0.0475	0.0477	0.0546	0.0579	0.0482
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.5822	-1.5825	-1.5823	-1.5754	-1.5721	-1.5818
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.7672	-0.7675	-0.7673	-0.7604	-0.7571	-0.7668

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with AirPods, battery 50% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.5700	1.5900	1.6100	1.6300	1.6900	1.5800
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.4300	-612.4100	-612.3900	-612.3700	-612.3100	-612.4200
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.4300	-305.4100	-305.3900	-305.3700	-305.3100	-305.4200

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0926	0.0931	0.0935	0.1008	0.1136	0.1027
147.9	Max H-field (A/m)	0.0741	0.0745	0.0748	0.0806	0.0909	0.0822
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5559	-1.5555	-1.5552	-1.5494	-1.5391	-1.5478
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7409	-0.7405	-0.7402	-0.7344	-0.7241	-0.7328

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone and AirPods, battery 50% Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max E-field (Ratios)	0.0049	0.0048	0.0050	0.0050	0.0052	0.0045
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.9951	-0.9952	-0.9950	-0.9950	-0.9948	-0.9955
360.0 + 147.9	50 %limit	0.0098	0.0097	0.0101	0.0100	0.0105	0.0091
360.0 + 147.9	50 % Margin	-0.9902	-0.9903	-0.9899	-0.9900	-0.9895	-0.9909

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max H-field (Ratios)	0.0748	0.0748	0.0751	0.0829	0.0913	0.0800
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.9252	-0.9252	-0.9249	-0.9171	-0.9087	-0.9200
360.0 + 147.9	50 %limit	0.1496	0.1497	0.1503	0.1659	0.1826	0.1599
360.0 + 147.9	50 % Margin	-0.8504	-0.8503	-0.8497	-0.8341	-0.8174	-0.8401

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone, battery Max Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max E-field (V/m)	1.3900	1.3400	1.4400	1.3800	1.4900	1.1700
360.0	Limit (V/m)	614	614	614	614	614	614
360.0	Margin (V/m)	-612.6100	-612.6600	-612.5600	-612.6200	-612.5100	-612.8300
360.0	50 % Limit (V/m)	307	307	307	307	307	307
360.0	50 % Margin (V/m)	-305.6100	-305.6600	-305.5600	-305.6200	-305.5100	-305.8300

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0	Max H-field (uT)	0.0567	0.0563	0.0567	0.0657	0.0699	0.0573
360.0	Max H-field (A/m)	0.0454	0.0450	0.0454	0.0526	0.0559	0.0458
360.0	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
360.0	Margin (A/m)	-1.5846	-1.5850	-1.5846	-1.5774	-1.5741	-1.5842
360.0	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
360.0	50 % Margin (A/m)	-0.7696	-0.7700	-0.7696	-0.7624	-0.7591	-0.7692

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with AirPods, battery Max Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max E-field (V/m)	1.5130	1.5330	1.5580	1.5710	1.6340	1.5320
147.9	Limit (V/m)	614	614	614	614	614	614
147.9	Margin (V/m)	-612.4870	-612.4670	-612.4420	-612.4290	-612.3660	-612.4680
147.9	50 % Limit (V/m)	307	307	307	307	307	307
147.9	50 % Margin (V/m)	-305.4870	-305.4670	-305.4420	-305.4290	-305.3660	-305.4680

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
147.9	Max H-field (uT)	0.0866	0.0872	0.0874	0.0959	0.1087	0.0968
147.9	Max H-field (A/m)	0.0693	0.0698	0.0699	0.0767	0.0870	0.0774
147.9	Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
147.9	Margin (A/m)	-1.5607	-1.5602	-1.5601	-1.5533	-1.5430	-1.5526
147.9	50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
147.9	50 % Margin (A/m)	-0.7457	-0.7452	-0.7451	-0.7383	-0.7280	-0.7376

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Charging Mode with iPhone and AirPods, battery Max Charge

E-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max E-field (Ratios)	0.0047	0.0047	0.0049	0.0048	0.0051	0.0044
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.9953	-0.9953	-0.9951	-0.9952	-0.9949	-0.9956
360.0 + 147.9	50 %limit	0.0095	0.0094	0.0098	0.0096	0.0102	0.0088
360.0 + 147.9	50 % Margin	-0.9905	-0.9906	-0.9902	-0.9904	-0.9898	-0.9912

H-Field (15cm)							E-Field (20cm)
Frequency (kHz)	Z-axis (Above)	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
360.0 + 147.9	Max H-field (Ratios)	0.0703	0.0704	0.0707	0.0793	0.0877	0.0756
360.0 + 147.9	Limit	1	1	1	1	1	1
360.0 + 147.9	Margin	-0.9297	-0.9296	-0.9293	-0.9207	-0.9123	-0.9244
360.0 + 147.9	50 %limit	0.1407	0.1409	0.1414	0.1586	0.1753	0.1513
360.0 + 147.9	50 % Margin	-0.8593	-0.8591	-0.8586	-0.8414	-0.8247	-0.8487

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

For 360.0kHz + 147.9kHz (Standby Mode)

Standby Mode

E-Field (15cm)						E-Field (20cm)
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
Max E-field (V/m)	0.2345	0.2475	0.2445	0.2582	0.2551	0.2136
Limit	614	614	614	614	614	614
Margin	-613.7655	-613.7525	-613.7555	-613.7418	-613.7449	-613.7864
50 % Limit	307	307	307	307	307	307
50 % Margin	-306.7655	-306.7525	-306.7555	-306.7418	-306.7449	-306.7864

H-Field (15cm)						H-Field (20cm)
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Above)
Max H-field (uT)	0.1426	0.1447	0.1457	0.1466	0.1575	0.1425
Max H-field (A/m)	0.1141	0.1158	0.1166	0.1173	0.1260	0.1140
Limit	1.63	1.63	1.63	1.63	1.63	1.63
Margin	-1.5159	-1.5142	-1.5134	-1.5127	-1.5040	-1.5160
50 % Limit	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin	-0.7009	-0.6992	-0.6984	-0.6977	-0.6890	-0.7010

Measurements was made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. With the 20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above). The highest emission level was recorded.

Note:
For an exposure waveform consisting of multiple frequencies, a test for compliance of exposure waveform shall satisfy the following criterion:

$$\sum_{0}^{5\ \mathrm{MHz}} \frac{A_i}{MPE_i} \leq 1$$

EX:

1. 360.0+147.9kHz Max E-field (Left)
   (360.0 kHz Max E-field (V/m) + 147.9kHz Max E-field (V/m)) / Limit (V/m) = Max E-field
   -> (1.53+1.63) / 614 = 0.0051 ≤ 1
2. 360.0+326.5kHz Max H-field (Left)
   (360.0 kHz Max H-field (A/m) + 147.9kHz Max H-field (A/m)) / Limit (A/m) = Max H-field
   -> (0.5024+0.0782) / 1.63 = 0.3562 ≤ 1

3. Photographs of the Test Configuration

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

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