

RF EXPOSURE TEST REPORT

Applicant	Belkin International, Inc.
Address	12045 East Waterfront Drive, Playa Vista, CA 90094 USA

Manufacturer or Supplier	Belkin International, Inc.
Address	12045 East Waterfront Drive, Playa Vista, CA 90094 USA
Product	BOOSTCHARGE Wireless Car Charger with Vent Mount 10W
Additional Product	Wireless Car Charger with Vent Mount 10W
Brand Name	belkin, playa
Model	WIC001
Additional Model & Model Difference	PW0002, See items 1.1
Date of tests	Mar. 16, 2020 ~ Aug. 19, 2020

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

Tested by Lucas Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Data: Sep. 03, 2020

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

TABLE OF CONTENTS

RF EXPOSURE TEST REPORT	1
RELEASE CONTROL RECORD	3
1. GENERAL INFORMATION	4
1.1. GENERAL DESCRIPTION OF EUT	4
2. RF EXPOSURE MEASUREMENT	5
2.1 LIMITS	5
2.2 DESCRIPTION OF SUPPORT UNITS	5
2.3 CONFIGURATION OF SYSTEM UNDER TEST	6
2.4 TEST SETUP FOR WPC	6
2.5 EQUIPMENTS USED DURING TEST	7
2.6 TEST POINT DESCRIPTION	7
2.7 TEST RESULTS	8
PHOTOGRAPHS OF THE TEST CONFIGURATION	17



Test Report No.: FS200316N007

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS200316N007	Original release	Sep. 03, 2020

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	K7SWIC001
PRODUCT	BOOSTCHARGE Wireless Car Charger with Vent Mount 10W
ADDITIONAL PRODUCT	Wireless Car Charger with Vent Mount 10W
MODEL NO.	WIC001
ADDITIONAL MODEL	PW0002
POWER SUPPLY	Car charger: Input: DC 12-24V 3.5A USB-A port 1 output: DC 3.6-6.5V 3A or 6.5-9V 2A or 9-12V 1.5A USB-A port 2 output: DC 5V 2.4A Wireless charger: Input: DC 5V 2A or 9V 1.67A or 12V 1.5A Output: 5W or 7.5W or 10W
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY	111-145KHz
ANTENNA TYPE	Coil Antenna
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB-A to USB-C cable: Shielded, detachable 1.2m

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.: 200316N007) for detailed product photo.
- Additional model PW0002 is identical with test model WIC001 except the model no. for trading purpose.
- Model list:

Product	Brand	Model no.
BOOSTCHARGE Wireless Car Charger with Vent Mount 10W	belkin	WIC001
Wireless Car Charger with Vent Mount 10W	playa	PW0002

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

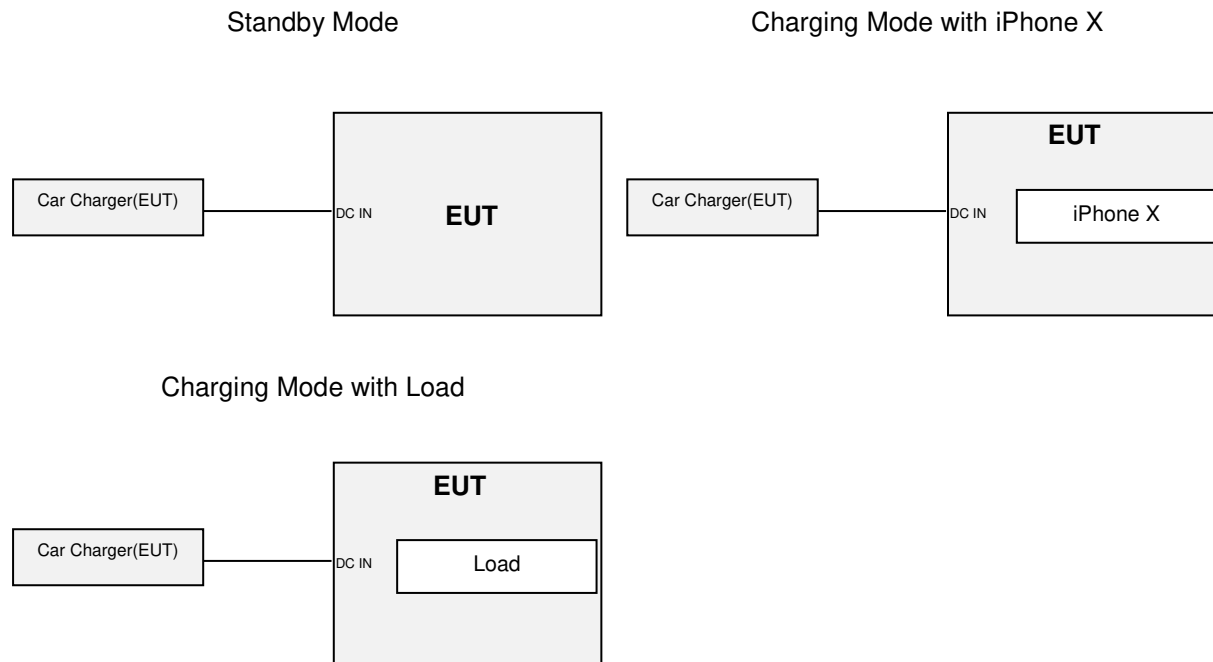
The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

2.2 DESCRIPTION OF SUPPORT UNITS

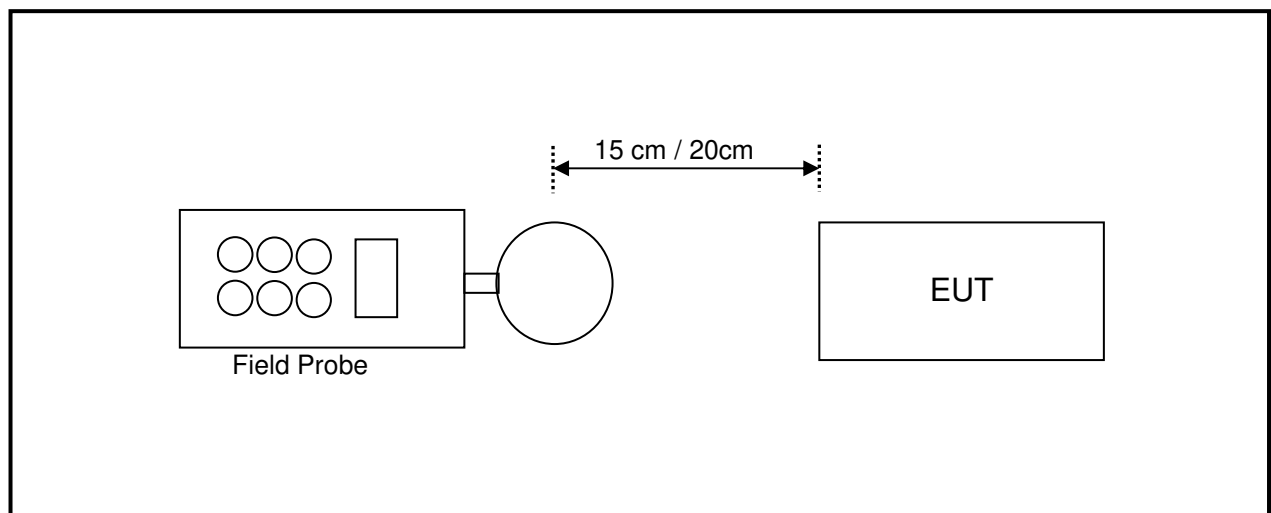
The EUT has been tested with associated equipment below

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	DC source	LONG WEI	PS-6403D	010934269	N/A
2	iPhone X	Apple	ML7F2CH/A	C6KQKXLAGRY8	N/A

2.3 CONFIGURATION OF SYSTEM UNDER TEST



2.4 TEST SETUP FOR WPC



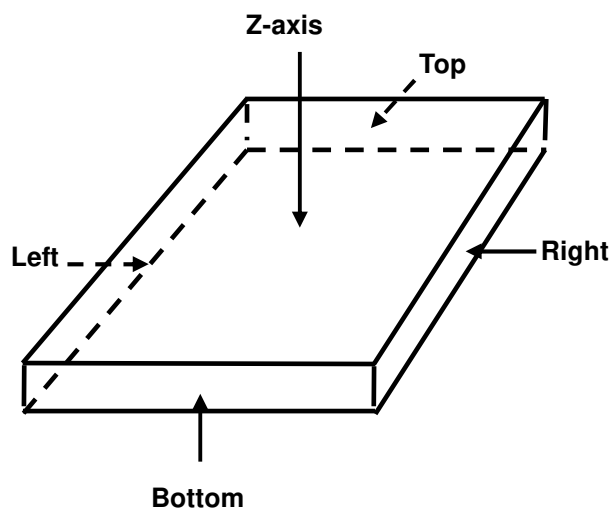
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm or 20 cm measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Item	Test Equipment	Manufacturer	Model No.	S/No	Due date.
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	7m*4m*3m	NSEMC003	2021-03-19
2	B-field Probe	Narda	Y2006	L-0017	2020-12-23
3	E-Field probe	Narda	NBM-520	2403/01B	2020-12-23

NOTE: 1. The test was performed in RS chamber.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GREGT/CHINA and NIM/CHINA.

2.6 TEST POINT DESCRIPTION



2.7 TEST RESULTS

Standby Mode 1

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.3	1.36	1.21	1.17	0.93
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.7	-612.64	-612.79	-612.83	-613.07
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.7	-305.64	-305.79	-305.83	-306.07

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.238	0.279	0.233	0.262	0.255
Max H-field (A/m)	0.1904	0.2232	0.1864	0.2096	0.204
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4396	-1.4068	-1.4436	-1.4204	-1.426
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6246	-0.5918	-0.6286	-0.6054	-0.611

Measurements was 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. The highest emission level was recorded.

Charging Mode2 with Charging Mode with iPhone X 10% Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.59	1.35	1.18	1.88	0.61
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.41	-612.65	-612.82	-612.12	-613.39
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.41	-305.65	-305.82	-305.12	-306.39

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.249	0.265	0.237	0.263	0.256
Max H-field (A/m)	0.1992	0.212	0.1896	0.2104	0.2048
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4308	-1.418	-1.4404	-1.4196	-1.4252
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6158	-0.603	-0.6254	-0.6046	-0.6102

Measurements was 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. The highest emission level was recorded.

Charging Mode3 with Charging Mode with iPhone X 10% Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.69	1.27	1.8	1.51	0.66
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.31	-612.73	-612.2	-612.49	-613.34
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.31	-305.73	-305.2	-305.49	-306.34

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.237	0.26	0.239	0.268	0.255
Max H-field (A/m)	0.1896	0.208	0.1912	0.2144	0.204
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4404	-1.422	-1.4388	-1.4156	-1.426
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6254	-0.607	-0.6238	-0.6006	-0.611

Measurements was 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. The highest emission level was recorded.

Charging Mode4 with Charging Mode with iPhone X 10% 3mm airgap Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.55	1.23	0.78	2.09	0.6
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.45	-612.77	-613.22	-611.91	-613.4
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.45	-305.77	-306.22	-304.91	-306.4

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.255	0.276	0.257	0.268	0.272
Max H-field (A/m)	0.204	0.2208	0.2056	0.2144	0.2176
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.426	-1.4092	-1.4244	-1.4156	-1.4124
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.611	-0.5942	-0.6094	-0.6006	-0.5974

Measurements was 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. The highest emission level was recorded.

Charging Mode5 with Charging Mode with iPhone X 10% 3mm airgap Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.86	1.63	0.76	2.18	0.74
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.14	-612.37	-613.24	-611.82	-613.26
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.14	-305.37	-306.24	-304.82	-306.26

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.239	0.293	0.246	0.264	0.258
Max H-field (A/m)	0.1912	0.2344	0.1968	0.2112	0.2064
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4388	-1.3956	-1.4332	-1.4188	-1.4236
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6238	-0.5806	-0.6182	-0.6038	-0.6086

Measurements was 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. The highest emission level was recorded.

Charging Mode6 with Charging Mode with iPhone X 50% Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.43	1.01	1.99	1.92	0.63
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.57	-612.99	-612.01	-612.08	-613.37
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.57	-305.99	-305.01	-305.08	-306.37

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.241	0.286	0.251	0.266	0.273
Max H-field (A/m)	0.1928	0.2288	0.2008	0.2128	0.2184
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4372	-1.4012	-1.4292	-1.4172	-1.4116
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6222	-0.5862	-0.6142	-0.6022	-0.5966

Measurements was 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. The highest emission level was recorded.

Charging Mode 7 with Charging Mode with iPhone X 50% Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.72	1.45	1.8	1.92	0.53
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.28	-612.55	-612.2	-612.08	-613.47
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.28	-305.55	-305.2	-305.08	-306.47

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.243	0.28	0.241	0.267	0.254
Max H-field (A/m)	0.1944	0.224	0.1928	0.2136	0.2032
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4356	-1.406	-1.4372	-1.4164	-1.4268
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6206	-0.591	-0.6222	-0.6014	-0.6118

Measurements was 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. The highest emission level was recorded.

Charging Mode8 with Charging Mode with iPhone X 50% 3mm airgap Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.39	1.33	0.81	2.37	0.66
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.61	-612.67	-613.19	-611.63	-613.34
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.61	-305.67	-306.19	-304.63	-306.34

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.245	0.284	0.245	0.262	0.254
Max H-field (A/m)	0.196	0.2272	0.196	0.2096	0.2032
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.434	-1.4028	-1.434	-1.4204	-1.4268
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.619	-0.5878	-0.619	-0.6054	-0.6118

Measurements was 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. The highest emission level was recorded.

Charging Mode9 with Charging Mode with iPhone X 50% 3mm airgap Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.88	1.2	0.69	1.82	0.83
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.12	-612.8	-613.31	-612.18	-613.17
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.12	-305.8	-306.31	-305.18	-306.17

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.25	0.272	0.263	0.266	0.264
Max H-field (A/m)	0.2	0.2176	0.2104	0.2128	0.2112
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.43	-1.4124	-1.4196	-1.4172	-1.4188
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.615	-0.5974	-0.6046	-0.6022	-0.6038

Measurements was 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. The highest emission level was recorded.

Charging Mode10 with Charging Mode with iPhone X 90% Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	2.16	1.33	1.79	2.05	0.59
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-611.84	-612.67	-612.21	-611.95	-613.41
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-304.84	-305.67	-305.21	-304.95	-306.41

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.236	0.299	0.237	0.263	0.252
Max H-field (A/m)	0.1888	0.2392	0.1896	0.2104	0.2016
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4412	-1.3908	-1.4404	-1.4196	-1.4284
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6262	-0.5758	-0.6254	-0.6046	-0.6134

Measurements was 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. The highest emission level was recorded.

Charging Mode11 with Charging Mode with iPhone X 90% Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	2.21	1.21	2.05	2.49	0.68
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-611.79	-612.79	-611.95	-611.51	-613.32
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-304.79	-305.79	-304.95	-304.51	-306.32

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.242	0.288	0.238	0.262	0.283
Max H-field (A/m)	0.1936	0.2304	0.1904	0.2096	0.2264
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4364	-1.3996	-1.4396	-1.4204	-1.4036
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6214	-0.5846	-0.6246	-0.6054	-0.5886

Measurements was 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. The highest emission level was recorded.

Charging Mode12 with Charging Mode with iPhone X 90% 3mm airgap Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.79	1.51	0.81	2.12	0.62
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.21	-612.49	-613.19	-611.88	-613.38
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.21	-305.49	-306.19	-304.88	-306.38

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.241	0.292	0.24	0.264	0.285
Max H-field (A/m)	0.1928	0.2336	0.192	0.2112	0.228
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4372	-1.3964	-1.438	-1.4188	-1.402
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6222	-0.5814	-0.623	-0.6038	-0.587

Measurements was 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. The highest emission level was recorded.

Charging Mode13 with Charging Mode with iPhone X 90% 3mm airgap Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	0.94	1.42	0.75	1.66	0.65
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-613.06	-612.58	-613.25	-612.34	-613.35
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-306.06	-305.58	-306.25	-305.34	-306.35

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.249	0.294	0.24	0.262	0.261
Max H-field (A/m)	0.1992	0.2352	0.192	0.2096	0.2088
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4308	-1.3948	-1.438	-1.4204	-1.4212
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6158	-0.5798	-0.623	-0.6054	-0.6062

Measurements was 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. The highest emission level was recorded.

Charging Mode14 with Charging Mode with Load Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.63	1.65	1.7	1.77	0.51
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.37	-612.35	-612.3	-612.23	-613.49
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.37	-305.35	-305.3	-305.23	-306.49

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.255	0.274	0.239	0.271	0.283
Max H-field (A/m)	0.204	0.2192	0.1912	0.2168	0.2264
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.426	-1.4108	-1.4388	-1.4132	-1.4036
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.611	-0.5958	-0.6238	-0.5982	-0.5886

Measurements was 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. The highest emission level was recorded.

Charging Mode15 with Charging Mode with Load Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.85	1.24	2.17	2.07	0.55
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.15	-612.76	-611.83	-611.93	-613.45
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.15	-305.76	-304.83	-304.93	-306.45

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.243	0.266	0.239	0.267	0.258
Max H-field (A/m)	0.1944	0.2128	0.1912	0.2136	0.2064
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4356	-1.4172	-1.4388	-1.4164	-1.4236
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6206	-0.6022	-0.6238	-0.6014	-0.6086

Measurements was 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. The highest emission level was recorded.

Charging Mode16 with Charging Mode with Load 3mm airgap Charger (at center)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.61	1.51	0.8	1.71	0.93
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.39	-612.49	-613.2	-612.29	-613.07
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.39	-305.49	-306.2	-305.29	-306.07

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.249	0.297	0.257	0.267	0.266
Max H-field (A/m)	0.1992	0.2376	0.2056	0.2136	0.2128
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4308	-1.3924	-1.4244	-1.4164	-1.4172
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6158	-0.5774	-0.6094	-0.6014	-0.6022

Measurements was 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. The highest emission level was recorded.

Charging Mode17 with Charging Mode with Load 3mm airgap Charger (shift 5mm to Top)

E-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max E-field (V/m)	1.36	1.23	0.9	1.99	0.55
Limit (V/m)	614	614	614	614	614
Margin (V/m)	-612.64	-612.77	-613.1	-612.01	-613.45
50% Limit (V/m)	307	307	307	307	307
50% Margin (V/m)	-305.64	-305.77	-306.1	-305.01	-306.45

H-Field Measurement					
Distance	15cm				20cm
EUT Side	Left	Right	Top	Bottom	Z-axis
Max H-field (uT)	0.242	0.281	0.25	0.272	0.324
Max H-field (A/m)	0.1936	0.2248	0.2	0.2176	0.2592
Limit (A/m)	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.4364	-1.4052	-1.43	-1.4124	-1.3708
50% Limit (A/m)	0.815	0.815	0.815	0.815	0.815
50% Margin (A/m)	-0.6214	-0.5902	-0.615	-0.5974	-0.5558

Measurements was 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. The highest emission level was recorded.



Test Report No.: FS200316N007

PHOTOGRAPHS OF THE TEST CONFIGURATION

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