

RF Exposure Test Report

Report No.: MFBEBB-WTW-P23090725 R1

FCC ID: 2ANKPC3D9192P

Test Model: C3-D9192P

Received Date: 2023/7/31

Test Date: 2023/9/4~2023/11/21

Issued Date: 2023/11/22

Applicant: Magic Control Technology Corporation

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories

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**FCC Registration /
Designation Number:** 198487 / TW2021



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Release Control Record

Issue No.	Description	Date Issued
MFBEBB-WTW-P23090725	Original release	2023/11/9
MFBEBB-WTW-P23090725 R1	Add tested data ➤ Charging mode with Load for Z-axis (Below) test data ➤ Charging with iPhone test data	2023/11/22

1 Certificate of Conformity

Product: USB-C® Dock Dual 4K HDMI™ with 140W GaN PD3.1 Power Adapter

Brand: MCT

Test Model: C3-D9192P

Sample Status: PVT Sample

Applicant: Magic Control Technology Corporation

Test Date: 2023/9/4~2023/11/21

Standards: FCC Part 2 (Section 2.1091)

References Test Guidance: KDB 680106 D01 Wireless Power Transfer v04

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 :



, **Date:** 2023/11/22

Jessica Cheng / Senior Specialist

Approved by :



, **Date:** 2023/11/22

Jeremy Lin / Project Engineer

2 General Information

2.1 General Description of EUT

Product	USB-C® Dock Dual 4K HDMI™ with 140W GaN PD3.1 Power Adapter
Brand	MCT
Test Model	C3-D9192P
Sample Status	PVT Sample
Power Supply Rating	from adapter
Modulation Type	FSK
Operating Frequency	127.8kHz ~ 148kHz
Antenna Type	Coil antenna
Field Strength	-4.8dBuV/m (@300m) (AV)
Dimensions	23.9cm ²
Accessory Device	Adapter
Data Cable Supplied	N/A
Maximum Power Output from the Charging Coil	15W

Note:

1. The EUT uses following adapter.

Product	Brand	Model	Remark
AC Adapter	J5create	JUP17140	AC Input : 100V-240Vac 50/60Hz, 1.8A Max DC Output : PD 3.1 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=5A, 28V=5A (140W Max) Shielded Type C cable (1.2m) with one ferrite core. Non-shielded AC 3-Pin cable (1.3m)

2. Due to radiated measurements are made and the antenna gain is already accounted for this device, so provide an antenna datasheet and/or antenna measurement report is not required. The antenna dimensions and pictures (include antenna wire length if have) are stated in EUT photo exhibit.
3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

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.

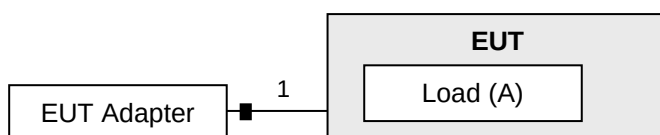
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Load	Kamera	YBZ	N/A	N/A	Supplied by applicant
B	iPhone	APPLE	A2643	N/A	BCG-E4035A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type C cable	1	1.2	Y	1	Supplied by applicant

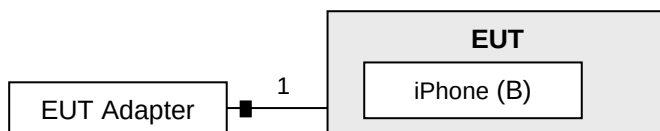
3.1.1 Configuration of System Under Test

Charging Mode:

Charging mode with Load (147.2kHz)

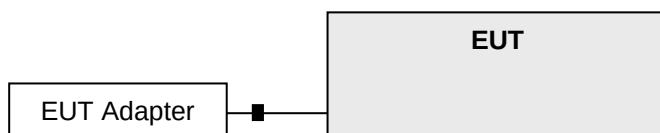


Charging mode with iPhone (127.8kHz)

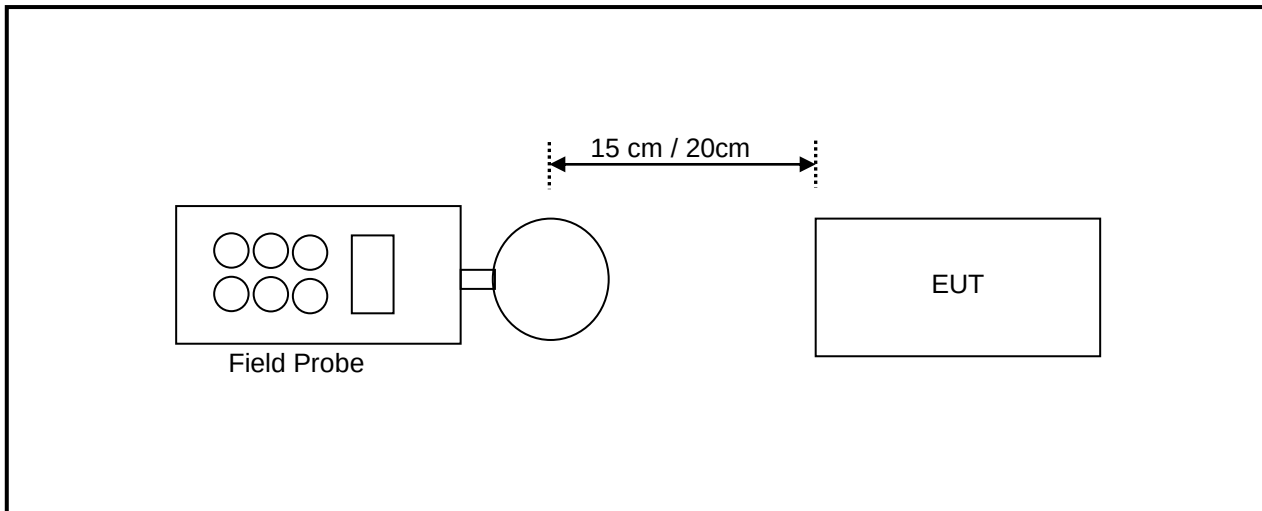


Standby Mode:

Standby mode (127.8kHz)



3.2 Test Setup



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.

3.3 Test Instruments

Description	Brand	Model No.	Calibrated Date	Calibrated Until
Electric Field Meter	EMC Master	SMP2 dual	2023/3/2	2024/3/1
EM Field Probe Wavecontrol	WP400	20WP100708	2023/3/2	2024/3/1

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in Linkou RF Chamber
 3. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

3.4 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/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.

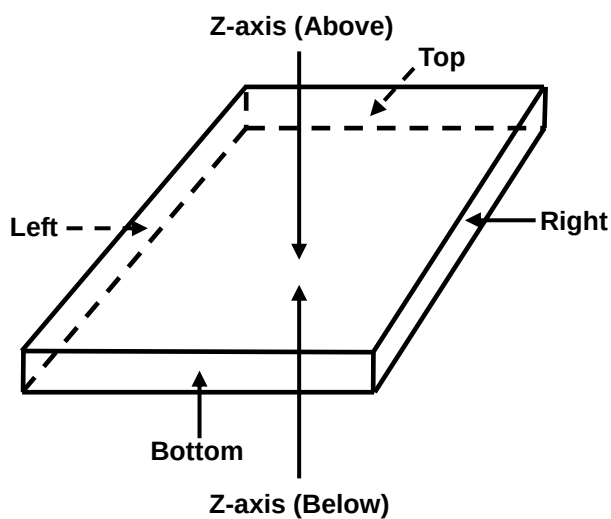
680106 D01 Wireless Power Transfer v04 as reproduced below:

3.2 Equipment Authorization Procedures for Devices Operating at Frequencies Below 4 MHz

The RF exposure limits, as set forth in § 1.1310, do not cover the frequency range below 100 kHz for Specific Absorption Rate (SAR) and below 300 kHz for Maximum Permitted Exposure (MPE). In addition, present limitations of RF exposure evaluation systems prevent an accurate evaluation of SAR below 4 MHz. For these reasons, a specific MPE-based RF Exposure compliance procedure for devices operating in the aforementioned low-frequency ranges has been set in place. Accordingly, for § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively.

3.5 Test Point Description

The aggregate H-fields 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.



4 Measurement Result

Charging Mode

Charging mode with Load (147.2kHz) 10% Load

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.9200	1.2700	1.4000	1.6200	3.1900	3.1000
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.0800	-612.7300	-612.6000	-612.3800	-610.8100	-610.9000
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.0800	-305.7300	-305.6000	-305.3800	-303.8100	-303.9000

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.7600	1.1700	1.2900	1.2500	1.9800	1.8900
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.2400	-612.8300	-612.7100	-612.7500	-612.0200	-612.1100
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.2400	-305.8300	-305.7100	-305.7500	-305.0200	-305.1100

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0600	0.0600	0.0600	0.0600	0.2100	0.2000
Max H-field (A/m)	0.0480	0.0480	0.0480	0.0480	0.1680	0.1600
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5820	-1.5820	-1.5820	-1.5820	-1.4620	-1.4700
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7670	-0.7670	-0.7670	-0.7670	-0.6470	-0.6550

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0400	0.0500	0.0500	0.0500	0.1400	0.1300
Max H-field (A/m)	0.0320	0.0400	0.0400	0.0400	0.1120	0.1040
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5980	-1.5900	-1.5900	-1.5900	-1.5180	-1.5260
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7830	-0.7750	-0.7750	-0.7750	-0.7030	-0.7110

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

Charging mode with Load (147.2kHz)_50% Load

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.9100	1.2400	1.3200	1.6600	3.4600	3.3700
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.0900	-612.7600	-612.6800	-612.3400	-610.5400	-610.6300
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.0900	-305.7600	-305.6800	-305.3400	-303.5400	-303.6300

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.7300	1.1500	1.2500	1.3500	1.8000	1.0000
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.2700	-612.8500	-612.7500	-612.6500	-612.2000	-613.0000
50 % Limit (V/m)	307	307	307	307	307.0000	307
50 % Margin (V/m)	-305.2700	-305.8500	-305.7500	-305.6500	-305.2000	-306.0000

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0700	0.0700	0.0800	0.0700	0.2400	0.2200
Max H-field (A/m)	0.0560	0.0560	0.0640	0.0560	0.1920	0.1760
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5740	-1.5740	-1.5660	-1.5740	-1.4380	-1.4540
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7590	-0.7590	-0.7510	-0.7590	-0.6230	-0.6390

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0500	0.0500	0.0500	0.0500	0.1700	0.1500
Max H-field (A/m)	0.0400	0.0400	0.0400	0.0400	0.1360	0.1200
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5900	-1.5900	-1.5900	-1.5900	-1.4940	-1.5100
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7750	-0.7750	-0.7750	-0.7750	-0.6790	-0.6950

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above) , Z-axis (Below) the highest emission level was recorded.

Charging mode with Load (147.2kHz)_Max Load

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.4700	1.4800	1.4500	1.6900	4.3900	4.3000
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.5300	-612.5200	-612.5500	-612.3100	-609.6100	-609.7000
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.5300	-305.5200	-305.5500	-305.3100	-302.6100	-302.7000

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.2800	1.2900	1.3000	1.3600	2.2800	2.2000
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.7200	-612.7100	-612.7000	-612.6400	-611.7200	-611.8000
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.7200	-305.7100	-305.7000	-305.6400	-304.7200	-304.8000

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0900	0.0900	0.0900	0.0900	0.3200	0.0500
Max H-field (A/m)	0.0720	0.0720	0.0720	0.0720	0.2560	0.0400
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5580	-1.5580	-1.5580	-1.5580	-1.3740	-1.5900
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7430	-0.7430	-0.7430	-0.7430	-0.5590	-0.7750

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0600	0.0600	0.0600	0.0600	0.1800	0.3100
Max H-field (A/m)	0.0480	0.0480	0.0480	0.0480	0.1440	0.2480
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5820	-1.5820	-1.5820	-1.5820	-1.4860	-1.3820
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7670	-0.7670	-0.7670	-0.7670	-0.6710	-0.5670

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

Charging with iPhone (Battery 10%) (127.8kHz)

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.6000	2.5100	2.5600	2.2300	4.4000	3.8800
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.4000	-611.4900	-611.4400	-611.7700	-609.6000	-610.1200
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-304.4000	-304.4900	-304.4400	-304.7700	-302.6000	-303.1200

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.5600	2.4900	2.5200	2.2000	4.3700	3.8500
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.4400	-611.5100	-611.4800	-611.8000	-609.6300	-610.1500
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-304.4400	-304.5100	-304.4800	-304.8000	-302.6300	-303.1500

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0400	0.0400	0.0300	0.0300	0.0900	0.0900
Max H-field (A/m)	0.0320	0.0320	0.0240	0.0240	0.0720	0.0720
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5980	-1.5980	-1.6060	-1.6060	-1.5580	-1.5580
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7830	-0.7830	-0.7910	-0.7910	-0.7430	-0.7430

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0300	0.0300	0.0300	0.0200	0.0800	0.0700
Max H-field (A/m)	0.0240	0.0240	0.0240	0.0160	0.0640	0.0560
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.6060	-1.6060	-1.6060	-1.6140	-1.5660	-1.5740
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7910	-0.7910	-0.7910	-0.7990	-0.7510	-0.7590

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

Charging with iPhone (Battery 50%) (127.8kHz)

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.5700	2.4800	2.5300	2.2000	4.3400	3.8000
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.4300	-611.5200	-611.4700	-611.8000	-609.6600	-610.2000
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-304.4300	-304.5200	-304.4700	-304.8000	-302.6600	-303.2000

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.5300	2.4700	2.5000	2.1800	4.3100	3.7300
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.4700	-611.5300	-611.5000	-611.8200	-609.6900	-610.2700
50 % Limit (V/m)	307	307	307	307	307.0000	307
50 % Margin (V/m)	-304.4700	-304.5300	-304.5000	-304.8200	-302.6900	-303.2700

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0300	0.0300	0.0300	0.0300	0.0800	0.0700
Max H-field (A/m)	0.0240	0.0240	0.0240	0.0240	0.0640	0.0560
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.6060	-1.6060	-1.6060	-1.6060	-1.5660	-1.5740
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7910	-0.7910	-0.7910	-0.7910	-0.7510	-0.7590

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0300	0.0200	0.0200	0.0200	0.0800	0.0600
Max H-field (A/m)	0.0240	0.0160	0.0160	0.0160	0.0640	0.0480
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.6060	-1.6140	-1.6140	-1.6140	-1.5660	-1.5820
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7910	-0.7990	-0.7990	-0.7990	-0.7510	-0.7670

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

Charging with iPhone (Battery 90%) (127.8kHz)

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.5300	2.4400	2.5000	2.1700	4.3000	3.7500
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.4700	-611.5600	-611.5000	-611.8300	-609.7000	-610.2500
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-304.4700	-304.5600	-304.5000	-304.8300	-302.7000	-303.2500

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	2.4900	2.4300	2.4700	2.1500	4.2800	3.6900
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.5100	-611.5700	-611.5300	-611.8500	-609.7200	-610.3100
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-304.5100	-304.5700	-304.5300	-304.8500	-302.7200	-303.3100

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0200	0.0200	0.0200	0.0200	0.0500	0.0600
Max H-field (A/m)	0.0160	0.0160	0.0160	0.0160	0.0400	0.0480
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.6140	-1.6140	-1.6140	-1.6140	-1.5900	-1.5820
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7990	-0.7990	-0.7990	-0.7990	-0.7750	-0.7670

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0100	0.0100	0.0100	0.0100	0.0400	0.0500
Max H-field (A/m)	0.0080	0.0080	0.0080	0.0080	0.0320	0.0400
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.6220	-1.6220	-1.6220	-1.6220	-1.5980	-1.5900
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.8070	-0.8070	-0.8070	-0.8070	-0.7830	-0.7750

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

Standby Mode

Standby mode (127.8kHz)

E-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.2500	1.2400	1.2300	1.3700	1.2600	1.1200
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.7500	-612.7600	-612.7700	-612.6300	-612.7400	-612.8800
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.7500	-305.7600	-305.7700	-305.6300	-305.7400	-305.8800

E-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max E-field (V/m)	1.1800	1.1700	1.1700	1.2000	1.2400	1.0100
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-612.8200	-612.8300	-612.8300	-612.8000	-612.7600	-612.9900
50 % Limit (V/m)	307	307	307	307	307	307
50 % Margin (V/m)	-305.8200	-305.8300	-305.8300	-305.8000	-305.7600	-305.9900

H-Field Measurement						
Distance	15cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0500	0.0600	0.0600	0.0600	0.1800	0.0600
Max H-field (A/m)	0.0400	0.0480	0.0480	0.0480	0.1440	0.0480
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5900	-1.5820	-1.5820	-1.5820	-1.4860	-1.5820
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7750	-0.7670	-0.7670	-0.7670	-0.6710	-0.7670

H-Field Measurement						
Distance	20cm					
EUT Side	Left	Right	Top	Bottom	Z-axis (Above)	Z-axis (Below)
Max H-field (uT)	0.0400	0.0500	0.0400	0.0400	0.0800	0.0100
Max H-field (A/m)	0.0320	0.0400	0.0320	0.0320	0.0640	0.0080
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.5980	-1.5900	-1.5980	-1.5980	-1.5660	-1.6220
50 % Limit (A/m)	0.815	0.815	0.815	0.815	0.815	0.815
50 % Margin (A/m)	-0.7830	-0.7750	-0.7830	-0.7830	-0.7510	-0.8070

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 15/20 cm measured from the center of the probe(s) to the edge of the device. Z-axis (Above), Z-axis (Below) the highest emission level was recorded.

5 Photographs of the Test Configuration

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

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