

TEST REPORT

Report Number.: 13573637-E2V2

Applicant: BELKIN INTERNATIONAL, INC

12045 EAST WATERFRONT DRIVE PLAYA VISTA, CA 90094, U.S.A.

Model: WIZ009

FCC ID: K7SWIZ009

EUT Description: BOOST ↑ CHARGE™ PRO 3-in-1 Magnetic Wireless Charger

Test Standard(s): FCC PART 1 SUBPART I

FCC PART 2 SUBPART J

Date Of Issue:

December 02, 2020

Prepared by:

UL Verification Services Inc. 47173 Benicia Street Fremont, CA 94538 U.S.A. TEL: (510) 319-4000

FAX: (510) 661-0888



Revision History

Rev.	Issue Date	Revisions	Revised By
V1	11/24/2020	Initial Issue	
V2	12/2/2020	Updated Section 4 to address TCB's question and updated setup photos report revision number	Tina Chu

DATE: 12/2/2020 MODEL NUMBER: WIZ009

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: BELKIN INTERNATIONAL, INC.

12045 EAST WATERFRONT DRIVE PLAYA VISTA, CA 90094 U.S.A.

EUT DESCRIPTION: BOOST ↑ CHARGE™ PRO 3-in-1 Magnetic Wireless Charger

MODEL NUMBER: WIZ009

SERIAL NUMBER: DLC040200S4PP493B

DATE TESTED: NOVEMBER 04, 2020 TO NOVEMBER 18, 2020

APPLICABLE STANDARDS

STANDARD TEST RESULTS

FCC PART 1 SUBPART I & PART 2 SUBPART J Complies

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released For UL Verification Services Inc. By:

romine de avok

Francisco de Anda Staff Engineer

Consumer Technology Division UL Verification Services Inc.

Prepared By:

Tina Chu

Senior Project Engineer Consumer Technology Division

UL Verification Services Inc.

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2. TEST METHODOLOGY

All calculations were made in accordance with FCC OET Bulletin 65 Edition 97-01.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, and 47658 Kato Road, Fremont, California, USA. Line conducted emissions were measured at 47658 Kato Road address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street	47658 Kato Rd
☐ Chamber A	☐ Chamber D	☐ Chamber I
☐ Chamber B	☐ Chamber E	☐ Chamber J
☐ Chamber C	☐ Chamber F	☐ Chamber K
	☐ Chamber G	☐ Chamber L
		☐ Chamber M

The above test sites and facilities are covered under FCC Test Firm Registration # 208313. Chambers above are covered under Industry Canada company address and respective code: 22541.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0

4. KDB 680106 D01 SECTION 5b EQUIPMENT APPROVAL **CONSIDERATIONS**

Requirement	Device
(1) Power transfer frequency is less than 1 MHz.	Yes. The operating frequencies are 360kHz, 110.5kHz-148.5kHz, and 326kHz.
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. The maximum power are 15W (360kHz), 1W(110.5kHz-148.5kHz), and 1W (326kHz).
(3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.	Yes. The system has three separated individual coil and each of them only allows for capable wireless power transfer between one source and one client at any given time.
(4) Client device is placed directly in contact with the transmitter.	Yes. The client device is placed directly in contact with the transmitter.
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Yes. It is a mobile device.
(6) 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.	The worst case leakage @360kHz is 31.61% @110.5kHz to 148.5kHz is 11.5% @326kHz is 3.54% The total aggregate H-field strength is (31.61+11.5+3.54)% = 46.65% of the MPE limit.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a BOOST ↑ CHARGE™ PRO 3-in-1 Magnetic Wireless Charger with 3 separated charging coils that is capable of charging 3 client devices at the same time. First coil is used for charging an iPhone at 360kHz (15W power), second coil is used to charge AirPods Charging Case at 110.5kHz – 148.5kHz (1W power), and the third coil is used for charging an Apple Watch at 326kHz (1W power). EUT is powered from AC/DC adapter.

5.2. WORST-CASE CONFIGURATION AND MODE

Worst case orientation of the client devices have been investigated, there is no significant delta when the client devices at different orientations. All testing is based on direct contact and no shifts position due to magnetic charger pad, the AirPods Charging Case is placed at the maximum power position during the testing. For the entire radiated emissions test, the EUT was investigated on the following configuration during the test at its natural orientation.

Config	Mode	Descriptions
1	Standby	EUT standalone, powered by AC/DC adapter.
2	Operating @360kHz. (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (iPhone 12), and the EUT is powered by AC/DC adapter.
3	Operating @110.5kHz to 148.5kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (AirPods Charging Case with AirPods charging inside), and the EUT is powered by AC/DC adapter.
4	Operating @326kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (Apple Watch), and the EUT is powered by AC/DC adapter.
5	Operating @360kHz and 110.5kHz to 148.5kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (iPhone 12, AirPods Charging Case with AirPods charging inside) and the EUT is powered by AC/DC adapter.
6	Operating @360kHz and 326kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (iPhone 12, Apple Watch) and the EUT is powered by AC/DC adapter.
7	Operating @110.5kHz to 148.5kHz and 326kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (AirPods Charging Case with AirPods charging inside, Apple Watch) and the EUT is powered by AC/DC adapter.
8	Operating @360kHz, 110.5kHz to 148.5kHz and 326kHz (~10%, 20~60%, and >75% Power Charging)	Direct contact during charging between the EUT & WPT Client (iPhone 12, AirPods Charging Case with AirPods charging inside, Apple Watch) and the EUT is powered by AC/DC adapter.

5.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

SUPPORT TEST EQUIPMENT								
De	scription	Manufacturer	Model	Serial I	Number	FCC ID/ DoC		
AC/I	OC adapter	Channel Well	2ACR040G	N	/A	DoC		
		Technology Co., Ltd.	NJ					
iPho	one 12 Pro	Apple	A2341	DNPDF3C90D82		BCG-E3545A		
iPho	one 12 Pro	Apple	A2341	DNPDKV	V2B0D80	BCG-E3545A		
iP	hone 12	Apple	A2172	G6TDG	5VJ0DXT	BCG-E3542A		
AirPods	Charging Case	Apple	A2190	H35D18	FMLTTK	DoC		
AirPods	Charging Case	Apple	A2190	GX4ZHCSNLKKT		DoC		
AirPods	Charging Case	Apple	A2190	H35CX3JULKKT		H35CX3JULKKT		DoC
App	ple Watch	Apple	A1977	FH7XG2HZKDH2		FH7XG2HZKDH2		BCG-A1977
App	ple Watch	Apple	A1554	FHLPNJQEG9J6		BCG-E2871		
Apı	ple Watch	Apple	A2352	G99D53	4CQ07W	BCG-A2352		
A	AirPods	Apple	A2083	H36D37S0JQH3		BCG-A2083		
A	AirPods	Apple	A2083	H34D33VVJQH4		BCG-A2083		
A	AirPods	Apple	A2083	GX5ZG9HPJQH4		BCG-A2083		
A	AirPods	Apple	A2083	GX6ZJ8	345JQH3	BCG-A2083		
A	AirPods	Apple	A2083	H36D2E	XBJQH4	BCG-A2083		
A	AirPods Apple A2083 H32D2352JQH3			352JQH3	BCG-A2083			
	I/O CABLES (AC LINE CONDUCTED)							
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks		
1	DC	1	Barrel	Un-shielded	1.5	From AC/DC adapter ,40W Power supply		

TEST SETUP

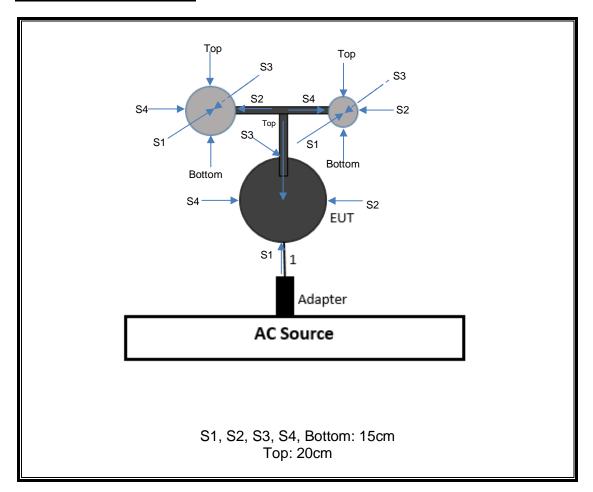
The following configurations are tested:

MEASUREMENT SETUP

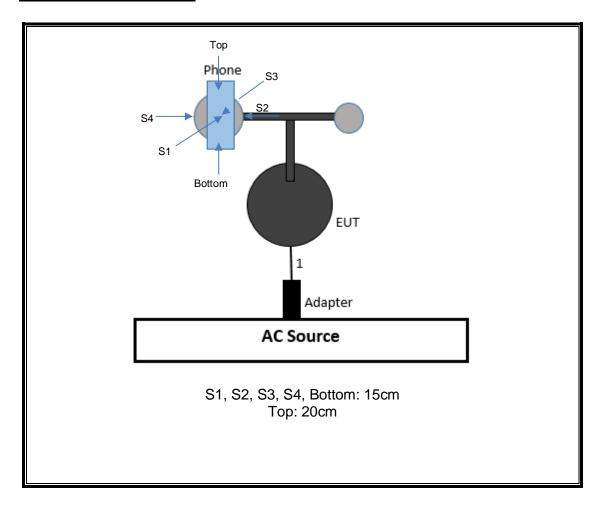
The measurements were taken using a probe placed 15 cm surrounding the device and 20 cm above the top surface for all configurations on each individual coil per KDB 680106 D01.

FAX: (510) 661-0888

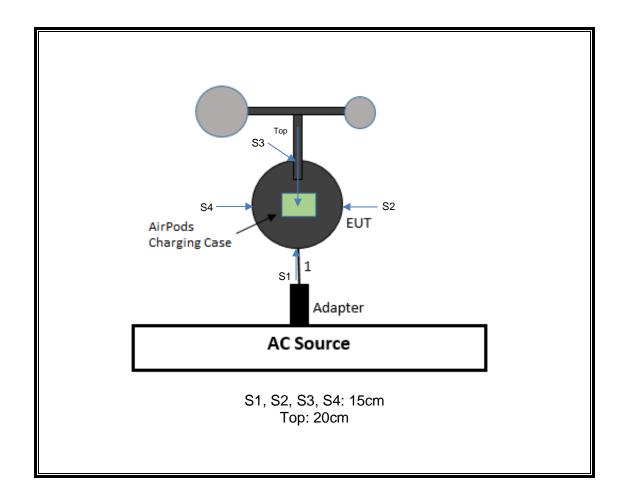
CONFIGURATION 1:Standby



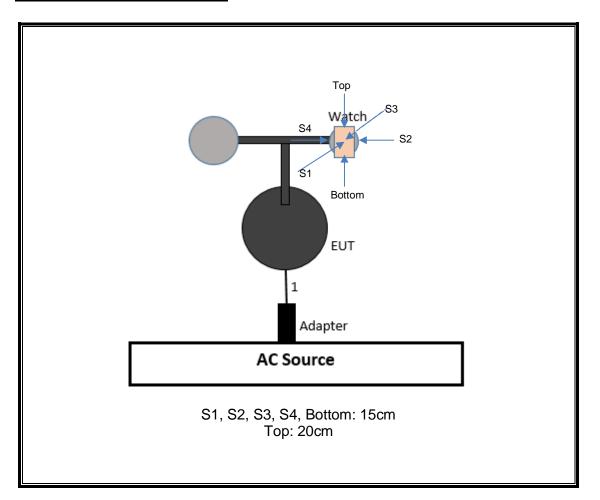
CONFIGURATION 2: iPhone



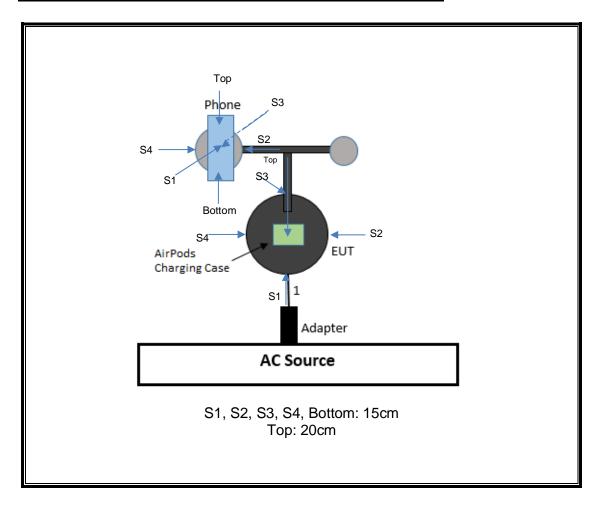
CONFIGURATION 3: AirPods Charging Case with AirPods



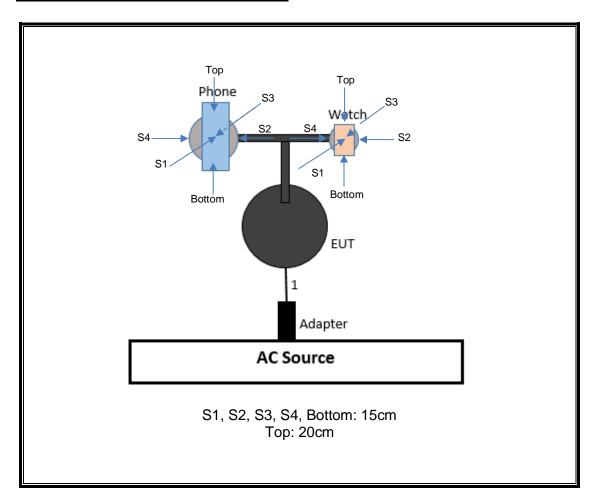
CONFIGURATION 4: Apple Watch



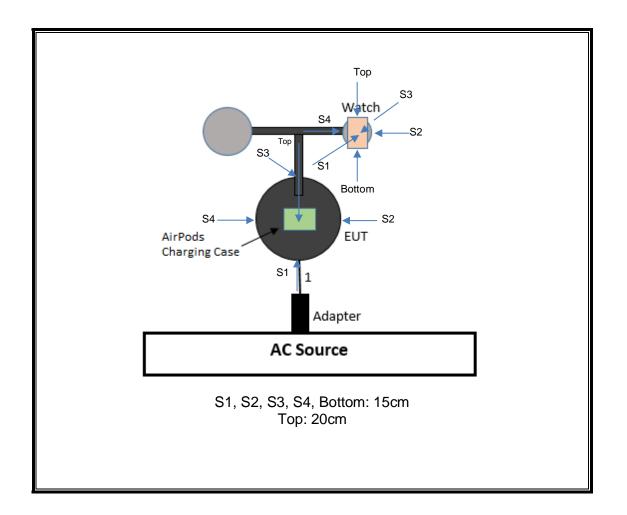
CONFIGURATION 5: iPhone + AirPods Charging Case with AirPods



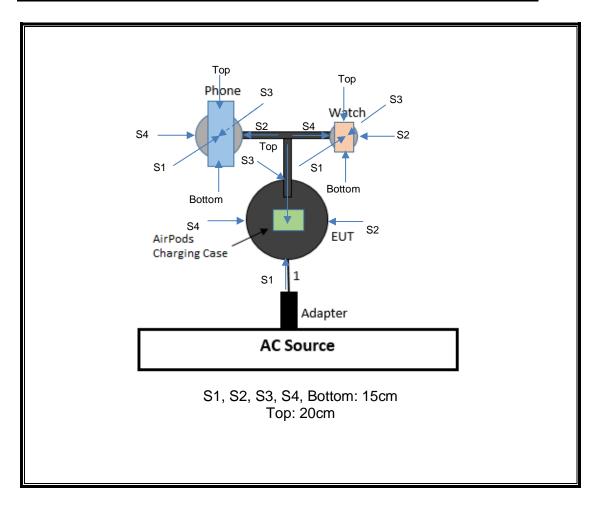
CONFIGURATION 6: iPhone + Apple Watch



CONFIGURATION 7: AirPods Charging Case with AirPods + Apple Watch



CONFIGURATION 8: iPhone + AirPods Charging Case with AirPods + Apple Watch



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was used for the tests documented in this report:

Test Equipment List								
Description	Manufacturer	Model	S/N	Label ID	Cal Due	Cal Date		
Electric and Magnetic Field Probe	Narda	EHP-200A	160WX41008	T1085	12/02/2020	12/02/2019		
Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A- 544	MY52350176	T1210	01/28/2021	01/28/2020		

7. DUTY CYCLE

LIMITS

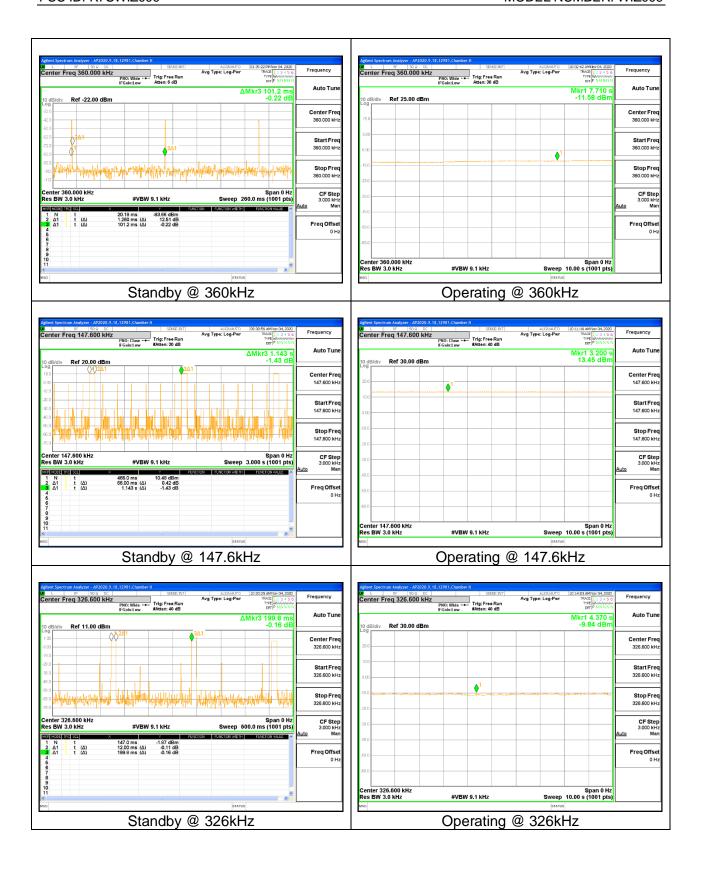
None; for reporting purposes only.

PROCEDURE

Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time	Period	Duty Cycle	Duty	Duty Cycle
	В		х	Cycle	Correction Factor
	(msec)	(msec)	(linear)	(%)	(dB)
Standby @ 360kHz	1.26	101.20	0.01	1.25%	19.05
Standby @ 147.6kHz	66.00	1143.00	0.06	5.77%	12.39
Standby @ 326kHz	12.00	199.80	0.06	6.01%	12.21
Operating Frequency @ 360kHz	100.00	100.00	1.00	100.00%	0.00
Operating Frequency @ 147.6kHz	100.00	100.00	1.00	100.00%	0.00
Operating Frequency @ 326kHz	100.00	100.00	1.00	100.00%	0.00



8. MAXIMUM PERMISSIBLE RF EXPOSURE

8.1. FCC LIMITS AND SUMMARY

§1.1310 The criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio-frequency (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 3.0-30 30-300 300-1500 1500-100,000	614 1842# 61.4	1.63 4.89/f 0.163	*(100) *(900/f²) 1.0 f/300 5	6 6 6 6		
(B) Limits	for General Populati	on/Uncontrolled Exp	posure			
0.3–1.34 1.34–30	614 824 <i>f</i> f	1.63 2.19/f	*(100) *(180/f²)	30 30		

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)—Continued

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm²)	Averaging time (minutes)
30–300 300–1500 1500–100,000	27.5	0.073	0.2 f/1500 1.0	30 30 30

RESULT

Test Engineer:	20769 RB,	Test Date:	11/09/2020 to
	38602 TW		11/18/2020

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.

MAXIMUM RESULT SUMMARY

CONFIGURATION 1:Standby

360kHz

	Electric Field Limit		M	lagnetic Field Lim	nit
FCC RF Maximum Average Percentage (%)		FCC RF Exposure	Maximum Average (A/m)	Percentage (%)	
614	0.026	0.00%	1.63	0.005	0.28%

110.5kHz to 148.5kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.081	0.01%	1.63	0.080	4.91%

326kHz

Electric Field Limit			Magnetic Field Limit						
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)				
Exposure Limit	(V/m)	r creentage (70)	Exposure	Average (A/m)	r creentage (70)				
614	0.058	0.01%	1.63	0.017	1.05%				

CONFIGURATION 2: iPhone

360kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)
Exposure Limit	(V/m)	3 3 3 3 (3 3)	Exposure	Average (A/m)	3 3 3 3 (1 1)
614	0.418	0.07%	1.63	0.148	9.08%

CONFIGURATION 3: AirPods Charging Case with AirPods

110.5kHz to 148.5kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)
Exposure Limit	(V/m)	3 3 3 3 (13)	Exposure	Average (A/m)	3 3 3 3 3 4 3 7
614	0.647	0.11%	1.63	0.187	11.50%

CONFIGURATION 4: Apple Watch

326kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.237	0.04%	1.63	0.038	2.30%

CONFIGURATION 5: iPhone + AirPods Charging Case with AirPods

360kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.447	0.07%	1.63	0.515	31.61%

110.5kHz to 148.5kHz

	Electric Field Limit			Magnetic Field Limit		
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)	
Exposure Limit	(V/m)	reiceillage (76)	Exposure	Average (A/m)	reiceillage (70)	
614	0.911	0.15%	1.63	0.036	2.23%	

CONFIGURATION 6: iPhone + Apple Watch

360kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)
Exposure Limit	(V/m)	r crocritage (70)	Exposure	Average (A/m)	T crocritage (70)
614	0.718	0.12%	1.63	0.073	4.46%

326kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.884	0.14%	1.63	0.043	2.61%

CONFIGURATION 7: AirPods Charging Case with AirPods + Apple Watch

110.5kHz to 148.5kHz

110.014 12 to 110.014 12									
Electric Field Limit			Magnetic Field Limit						
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)				
614	0.486	0.08%	1.63	0.135	8.28%				

326kHz

<u></u>					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.251	0.04%	1.63	0.058	3.54%

CONFIGURATION 8: iPhone + AirPods Charging Case with AirPods + Apple Watch

360kHz

Electric Field Limit			N	agnetic Field Lim	nit
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.884	0.14%	1.63	0.066	4.02%

110.5kHz to 148.5kHz

	Electric Field Limit		N	lagnetic Field Lim	nit
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.994	0.16%	1.63	0.159	9.74%

326kHz

	Electric Field Limit		N	lagnetic Field Lim	nit
FCC RF	Maximum Average	Percentage (%)	FCC RF	Maximum	Percentage (%)
Exposure Limit	(V/m)	r creentage (70)	Exposure	Average (A/m)	r creentage (70)
614	1.065	0.17%	1.63	0.053	3.26%

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x √Duty Cycle].

CONFIGURATION 1:Standby

CC Limit	@360kHz											
			Electric Field Limit		Electric	Field Reading		Magnetic Field Limit		Magnetic	Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
		Distance (ciri)	FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
		15 cm		S1	0.227		0.025		S1	0.036		0.004
		surrounding the		S2	0.226] [0.025] [S2	0.042		0.005
		device (S1 - S4)		S3	0.235] [0.026] [S3	0.037		0.004
1	Standby	and 20 cm above	614	S4	0.235	1.3	0.026	1.63	S4	0.036	1.25	0.004
		the top surface of		Тор	0.227]	0.025		Тор	0.036		0.004
		the EUT		Bottom	0.227		0.025		Bottom	0.036		0.004
				Max	0.235		0.026		Max	0.042		0.005
CC Limit	@110.5kHz	to 148.5kHz										
			Electric Field Limit		Electric	Field Reading		Magnetic Field Limit		Magnetic	Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
			FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
		15 cm		S1	0.269		0.065		S1	0.033		0.008
		surrounding the		S2	0.258	1 1	0.062	1 1	S2	0.052	1	0.012
1	Standby	device (S1 - S4)	614	S3	0.312	5.8	0.075	1.63	S3	0.037	5.8	0.009
1	Stalluby	and 20 cm above	014	S4	0.266	5.0	0.064	1.05	S4	0.054] 5.0	0.013
		the top surface of		Тор	0.338		0.081		Тор	0.332		0.080
		the EUT		Max	0.338		0.081		Max	0.332		0.080
CC Limit	@326kHz											
			Electric Field Limit		Electric	Field Reading		Magnetic Field Limit		Magnetic	Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
		Distance (cm)	FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
		15 cm		S1	0.226		0.055		S1	0.070		0.017
		surrounding the		S2	0.235] [0.058] [S2	0.039		0.009
		device (S1 - S4)		S3	0.235] [0.058] [S3	0.040		0.010
1	Standby	and 20 cm above	614	S4	0.227	6.0	0.056	1.63	S4	0.036	6.0	0.009
		the top surface of		Тор	0.235	ļ ļ	0.058	. I	Тор	0.036	1 1	0.009
		the EUT		Bottom	0.235	ļ [0.058	. I	Bottom	0.036		0.009
	l			Max	0.235		0.058		Max	0.070		0.017

CONFIGURATION 2: iPhone

	@ Direct Contact		Electric Field Limit		Electri	ic Field Reading		Magnetic Field Limit		Magne	etic Field Reading					
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)					
		(CIII)	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average				
				S1	0.410		0.410		S1	0.036		0.036				
						S2	0.373		0.373		S2	0.148		0.148		
	Operating Real Product							S3	0.246		0.246		S3	0.043		0.043
	(Power ~10% Charging)						S4	0.237	100	0.237		S4	0.036	100	0.036	
	(Top	0.244		0.244		Тор	0.034		0.034			
				Bottom	0.262		0.262	1	Bottom	0.037		0.037				
				Max	0.410		0.410	1	Max	0.148		0.148				
				S1	0.389		0.389		S1	0.035		0.035				
		15 cm surrounding the		S2	0.302		0.302	-	S2	0.122		0.122				
	Operating Real Product	device (S1 - S4) and 20	614	S3 S4	0.274 0.251	100	0.274	1.63	S3 S4	0.036		0.036				
2	(Power 20% ~ 60% Charging)	cm above the top	614		0.251	100	0.251	1.63		0.034	100	0.034				
		surface of the EUT		Тор	0.274		0.274	- 1	Тор	0.037		0.037				
				Bottom Max	0.352		0.352	- 1	Bottom Max	0.036		0.036				
		1		S1	0.389		0.389	1	S1	0.122		0.122				
				S2	0.418		0.418	1	S2	0.036	 	0.036				
				S3	0.245		0.245	1 1	S2 S3	0.135	1	0.135				
	Operating Real Product			S4	0.228	100	0.228	† l	S4	0.037	100	0.037				
	(Power >75% Charging)			Top	0.282	230	0.282	†	Top	0.033	1 -30	0.033				
				Bottom	0.303		0.303	1 1	Bottom	0.036	1 1	0.036				
				Max	0.418		0.418		Max	0.135	1 1	0.135				

CONFIGURATION 3: AirPods Charging Case with AirPods

			Electric Field Limit		Electri	ic Field Reading		Magnetic Field Limit		Magn	etic Field Reading			
Configuration	Test Mode	Measuring Distance	(V/m)			(V/m)		(A/m)			(A/m)			
3		(cm)	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average		
				S1	0.269		0.269		S1	0.045		0.045		
					S2	0.262		0.262		S2	0.035		0.035	
	Operating Real Product					S3	0.369	100	0.369		S3	0.053	100	0.053
	(Power ~10% Charging)					S4	0.647	**	0.647		S4	0.044		0.044
						Тор	0.303		0.303		Тор	0.159		0.159
					Max	0.647		0.647	-	Max	0.159		0.159	
		15 cm surrounding the		S1 S2	0.262		0.262	-	S1 S2	0.045	100	0.045		
		device (S1 - S4) and 20		S2 S3	0.247			+	S2 S3	0.036		0.036		
3	(Power 20% ~ 60% Charging)		614	S4	0.360	100	0.248 0.360 1.63	1.63	S4	0.035		0.033		
	(1 OWE1 2070 GO70 Changing)	surface of the EUT		Top	0.325		0.325	†	Top	0.187		0.187		
		Surface of the Eor		Max	0.360		0.360	†	Max	0.187	f	0.187		
				S1	0.247		0.247	†	S1	0.045		0.045		
				S2	0.259		0.259	İ	S2	0.033	1	0.033		
	Operating Real Product			S3	0.317	***	0.317	†	S3	0.053		0.053		
	(Power >75% Charging)			S4	0.469	100	0.469		S4	0.044	100	0.044		
				Тор	0.381		0.381	1	Top	0.139		0.139		
				Max	0.469		0.469		Max	0.139		0.139		

CONFIGURATION 4: Apple Watch

FCC Limit	@ Direct Contact													
		M Distance	Electric Field Limit		Electr	ic Field Reading		Magnetic Field Limit		Magne	etic Field Reading			
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)			
		(cm)	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average		
				S1	0.227		0.227		S1	0.036		0.036		
					S2	0.235	i	0.235		S2	0.036	i	0.036	
	Operating Real Product					S3	0.226		0.226		S3	0.037		0.037
	(Power ~10% Charging)					S4	0.218	100	0.218		S4	0.036	100	0.036
	(Fower 10% Charging)				Тор	0.218		0.218		Тор	0.036		0.036	
				Bottom	0.235		0.235		Bottom	0.038		0.038		
				Max	0.235		0.235		Max	0.038		0.038		
				S1	0.227		0.227		S1	0.036		0.036		
		15 cm surrounding the		S2	0.227		0.227		S2	0.036		0.036		
		device (S1 - S4) and 20		S3	0.235		0.235		S3	0.037		0.037		
4	(Power 20% ~ 60% Charging)		614	S4	0.226	100	0.226	1.63	S4	0.036	100	0.036		
	(surface of the EUT		Тор	0.226		0.226		Тор	0.036		0.036		
				Bottom	0.218		0.218		Bottom	0.036		0.036		
				Max	0.235		0.235	1	Max	0.037		0.037		
				S1	0.236		0.236	1	S1	0.037		0.037		
				S2	0.226		0.226	1	S2	0.036		0.036		
	Operating Real Product			S3	0.218		0.218	4	S3	0.035		0.035		
	(Power >75% Charging)			S4	0.227	100	0.227	4	S4	0.036	100	0.036		
				Тор	0.226		0.226		Тор	0.036		0.036		
				Bottom	0.237	-	0.237		Bottom	0.036		0.036		
		1		Max	0.237		0.237		Max	0.037	1	0.037		

CONFIGURATION 5: iPhone + AirPods Charging Case with AirPods

CC Limit	@ Direct Contact	iPhone 360kH	z									
			Electric Field Limit		Electr	ic Field Reading		Magnetic Field Limit		Magn	etic Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
		, ,	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
				S1	0.447		0.447		S1	0.036		0.036
				S2	0.409		0.409]	S2	0.282		0.282
	Operating Real Product			S3	0.415	100	0.415	4	S3	0.039	100	0.039
	(Power ~10% Charging)			S4 Top	0.277	100	0.277	+	S4 Top	0.037 0.337	100	0.037 0.337
				Bottom	0.312		0.333	+	Bottom	0.036	1	0.036
				Max	0.447		0.447		Max	0.337		0.337
				S1	0.434		0.434		S1	0.041		0.041
		15 cm surrounding the		S2	0.412		0.412		S2	0.506		0.506
	Operating Real Product	device (S1 - S4) and 20		S3	0.337		0.337		S3	0.034		0.034
5	(Power 20% ~ 60% Charging)	cm above the top	614	S4	0.384	100	0.384	1.63	S4	0.037 0.035	100	0.037
		surface of the EUT		Top Bottom	0.256		0.269	1	Top Bottom	0.035	1	0.035
				Max	0.434		0.434	†	Max	0.506	1	0.506
				S1	0.425		0.425	1	S1	0.040		0.040
				S2	0.294		0.294]	S2	0.515		0.515
	Operating Real Product			S3	0.303		0.303]	S3	0.036		0.036
	(Power >75% Charging)			S4	0.398	100	0.398	4	S4	0.033	100	0.033
				Тор	0.277		0.277	4	Тор	0.036	-	0.036
				Bottom Max	0.419		0.419	-	Bottom Max	0.037 0.515	-	0.037 0.515
CC Limit	@ Direct Contact	110.5kHz to 14	48.5kHz Air	Pods Ca	se							
CC Limit	@ Direct Contact	110.5kHz to 14	48.5kHz Air	Pods Ca		ic Field Reading		Magnetic Field		Magn	etic Field Reading	
		Measuring Distance	Electric Field	Pods Ca		ic Field Reading (V/m)				Magn	etic Field Reading (A/m)	
Configuration	@ Direct Contact Test Mode		Electric Field Limit	Pods Ca			FCC Average	Limit	Location	Magn Peak		FCC Average
		Measuring Distance	Electric Field Limit (V/m)	Location	Electr Peak	(V/m)	Average	Limit (A/m)		Peak	(A/m)	Average
		Measuring Distance	Electric Field Limit (V/m)		Electr	(V/m)		Limit (A/m)	Location S1 S2		(A/m)	
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3	Peak 0.371 0.334 0.500	(V/m) Duty Cycle %	0.371 0.334 0.500	Limit (A/m)	\$1 \$2 \$3	Peak 0.035 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3 S4	Peak 0.371 0.334 0.500 0.506	(V/m)	0.371 0.334 0.500 0.506	Limit (A/m)	\$1 \$2 \$3 \$4	Peak 0.035 0.036 0.036 0.036	(A/m)	0.035 0.036 0.036 0.036
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location \$1 \$2 \$3 \$4 Top	Peak 0.371 0.334 0.500 0.506 0.841	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841	Limit (A/m)	\$1 \$2 \$3 \$4 Top	Peak 0.035 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location \$1 \$2 \$3 \$4 Top Max	Peak 0.371 0.334 0.500 0.506 0.841 0.841	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.841	Limit (A/m)	\$1 \$2 \$3 \$4 Top	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036
	Test Mode Operating Real Product	Measuring Distance (cm)	Electric Field Limit (V/m)	Location \$1 \$2 \$3 \$4 Top Max \$51	Peak 0.371 0.334 0.500 0.506 0.841 0.841 0.411	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.841	Limit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging)	Measuring Distance (cm)	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Max S1 S2 S2 S3 S4 Top Max S1 S2 S2 S2 S3 S4 S5 S5 S5 S5 S5 S5 S5	Peak 0.371 0.334 0.500 0.506 0.841 0.841 0.411 0.343	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.841 0.411	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036
	Test Mode Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	Location \$1 \$2 \$3 \$4 Top Max \$51	Peak 0.371 0.334 0.500 0.506 0.841 0.841 0.411	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.841	Limit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Max S1 S2 S3 S4 Top Top Top	Peak 0.371 0.334 0.500 0.506 0.841 0.411 0.411 0.540 0.540 0.572 0.911	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.411 0.343 0.540 0.572	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$2 \$3 \$4 Top	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.034 0.036 0.035	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (S1 - S4) and 20 cm above the top	Electric Field Limit (V/m) FCC	S1 S2 S3 S4 Top Max S1 S2 S3 S4 Top Max S1 S2 S3 S4 Top Max S4 Top Max S5 Max S6 Max S7 Max Max	Peak 0.371 0.334 0.590 0.841 0.411 0.343 0.590 0.572 0.911	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.411 0.411 0.434 0.540 0.572 0.911 0.911	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 Top	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.034 0.034 0.035 0.035 0.035	(A/m) Duty Cycle %	Average 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (S1 - S4) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Max S1 S1 S1 Top Max S1 S1 Top Max S1 Top	Peak 0.371 0.334 0.306 0.506 0.841 0.411 0.413 0.540 0.572 0.911 0.911 0.391	(V/m) Duty Cycle %	Average 0.371 0.334 0.500 0.506 0.841 0.841 0.441 0.343 0.540 0.572 0.911 0.911	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 Top Max	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product (Power 20% " 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (S1 - S4) and 20 cm above the top	Electric Field Limit (V/m) FCC	S1 S2 S3 S4 Top Max S1 S2 S3 S4 S5 S4 Top Max S5 S5 S4 Top Max S5 S5 S5 S5 S6 Top Max S5 S5 S6 Top Max Ma	Peak 0.371 0.334 0.500 0.506 0.841 0.411 0.441 0.491 0.572 0.991 0.991 0.991 0.991 0.991	(V/m) Duty Cycle %	Average 0.371 0.334 0.500 0.506 0.841 0.841 0.411 0.343 0.540 0.572 0.911 0.911 0.331	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 \$4 \$5 \$2 \$3 \$4 \$5 \$4 \$5 \$5 \$6 \$6 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7	Peak 0.035 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.035 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product (Power 20% " 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (S1 - S4) and 20 cm above the top	Electric Field Limit (V/m) FCC	S1 S2 S3 S4 Top Max S1 S2 S3 S4 Top S5	Peak 0.371 0.334 0.590 0.596 0.841 0.411 0.343 0.540 0.572 0.911 0.911 0.911 0.391 0.393	(V/m) Duty Cycle %	0.371 0.334 0.500 0.506 0.841 0.411 0.343 0.550 0.572 0.911 0.911 0.391 0.316	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 \$4 \$5 \$4 \$5 \$5 \$4 \$5 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	Peak 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.035 0.035 0.035 0.035 0.035 0.035 0.036 0.036 0.036 0.035	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.035 0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power "10% Charging) Operating Real Product (Power 20% " 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (S1 - S4) and 20 cm above the top	Electric Field Limit (V/m) FCC	S1 S2 S3 S4 Top Max S1 S2 S3 S4 S5 S4 Top Max S5 S5 S4 Top Max S5 S5 S5 S5 S6 Top Max S5 S5 S6 Top Max Ma	Peak 0.371 0.334 0.500 0.506 0.841 0.411 0.441 0.491 0.572 0.991 0.991 0.991 0.991 0.991	(V/m) Duty Cycle % 100	Average 0.371 0.334 0.500 0.506 0.841 0.841 0.411 0.343 0.540 0.572 0.911 0.911 0.331	Climit (A/m)	\$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 Top Max \$1 \$2 \$3 \$4 \$4 \$5 \$2 \$3 \$4 \$5 \$4 \$5 \$5 \$6 \$6 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$6 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7 \$7	Peak 0.035 0.036	(A/m) Duty Cycle %	0.035 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.035 0.036 0.036 0.036

CONFIGURATION 6: iPhone + Apple Watch

CC Limit	@ Direct Contact	iPhone 360kH	z											
			Electric Field Limit		Electr	ic Field Reading		Magnetic Field Limit	·	Magn	etic Field Reading			
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)			
		, ,	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average		
				S1	0.718		0.718		S1	0.037		0.037		
				S2	0.300		0.300	1	S2	0.073		0.073		
	Operating Real Product			S3	0.438		0.438	-	S3	0.036		0.036		
	(Power ~10% Charging)			S4	0.408	100	0.408	4	S4	0.036	100	0.036		
				Top Bottom	0.266		0.266	+	Top Bottom	0.034		0.034		
				Max	0.718		0.718		Max	0.033		0.033		
		1		S1	0.489		0.489	1	S1	0.033		0.033		
				S2	0.350		0.350	†	S2	0.040	1	0.040		
	On antino Book Book 1	15 cm surrounding the		S3	0.397		0.397	1	S3	0.034	1	0.034		
6	Operating Real Product (Power 20% ~ 60% Charging)	device (S1 - S4) and 20 cm above the top	614	S4	0.332	100	0.332	1.63	S4	0.036	100	0.036		
	(Power 20% ~ 60% Charging)	surface of the EUT		Top	0.357		0.357	7	Тор	0.034		0.034		
		surface of the £U1		Bottom	0.352		0.352]	Bottom	0.036		0.036		
				Max	0.489		0.489	1	Max	0.040		0.040		
				S1	0.343		0.343	1	S1	0.034		0.034		
				S2	0.398		0.398	1	S2	0.034		0.034		
	Operating Real Product			S3	0.378		0.378	4	S3	0.037		0.037		
	(Power >75% Charging)			S4	0.328	100	0.328	+	S4	0.036	100	0.036		
						Top	0.313		0.313		Top	0.033		0.033
						0.200	1	0.305	1	D-44	0.035	1	0.035	
CC Limit	@ Direct Contact	Annle Watch	326kHz	Bottom Max	0.365 0.398		0.365 0.398		Bottom Max	0.035 0.037		0.035 0.037		
CC Limit	@ Direct Contact	: Apple Watch 3	Electric Field	Bottom	0.398	ic Field Reading		Magnetic Field		0.037	atic Field Peading			
		Measuring Distance	Electric Field Limit	Bottom	0.398	ic Field Reading		Limit		0.037	etic Field Reading			
CC Limit	@ Direct Contact		Electric Field	Bottom	0.398	ic Field Reading (V/m) Duty Cycle %	0.398			0.037	etic Field Reading (A/m) Duty Cycle %	0.037		
		Measuring Distance	Electric Field Limit (V/m)	Bottom Max	0.398 Electr	(V/m)	0.398 FCC Average	Limit (A/m)	Max	0.037 Magne	(A/m)	0.037 FCC Average		
		Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location	0.398 Electr Peak 0.385	(V/m)	0.398 FCC Average 0.385	Limit (A/m)	Max Location S1	0.037 Magni Peak 0.036	(A/m)	FCC Average 0.036		
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location S1 S2	0.398 Electr Peak 0.385 0.227	(V/m)	0.398 FCC Average 0.385 0.227	Limit (A/m)	Location S1 S2	0.037 Magneter Peak 0.036 0.036	(A/m)	0.037 FCC Average 0.036 0.036		
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location	0.398 Electr Peak 0.385	(V/m)	0.398 FCC Average 0.385	Limit (A/m)	Max Location S1	0.037 Magni Peak 0.036	(A/m)	FCC Average 0.036		
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location \$1 \$2 \$3	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274	Limit (A/m)	Location S1 S2 S3	0.037 Magne Peak 0.036 0.036 0.035 0.035 0.033	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.039 0.039		
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3 S4	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343	Limit (A/m)	Location S1 S2 S3 S4	0.037 Magneter Peak 0.036 0.035 0.039 0.033 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.037 0.036 0.037 0.037 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.035 0.039 0.033 0.033		
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location S1 S2 S3 S4 Top Bottom Max	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Max	0.037 Magni Peak 0.036 0.036 0.035 0.039 0.033 0.036 0.039	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.035 0.039 0.033 0.033 0.036 0.036		
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location \$1 \$2 \$3 \$4 Top Bottom Max	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Max S1 S1	Peak 0.036 0.036 0.036 0.035 0.033 0.036 0.033 0.036 0.033	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.035 0.039 0.039 0.033 0.036 0.039		
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5 S4 S5 S5 S5 S6 S6 S7 S7 S8 S8 S8 S9	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S1 S2	Peak 0.036 0.036 0.036 0.039 0.033 0.039 0.039 0.035 0.035 0.037	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.035 0.039 0.033 0.036 0.039 0.030 0.030		
Configuration	Test Mode Operating Real Product	Measuring Distance (cm)	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235 0.274	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S5	0.037 Magne Peak 0.036 0.035 0.039 0.033 0.036 0.039 0.035 0.037 0.037	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.035 0.039 0.033 0.039 0.039 0.039 0.039 0.030 0.030 0.030		
	Test Mode Operating Real Product (Power ~10% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 · 54) and 20	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.335 0.274 0.235	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.235 0.235 0.274 0.884	Limit (A/m)	Location \$1 \$2 \$3 \$4 \$700 Bottom Max \$1 \$2 \$3 \$4 \$51 \$52 \$53 \$54 \$54 \$55 \$53 \$54	Peak 0.036 0.036 0.036 0.035 0.039 0.033 0.036 0.039 0.033 0.036 0.039 0.037 0.036	(A/m) Duty Cycle %	COMPANY COMPAN		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 · 54) and 20	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Max S1 S2 S3 S4 Top Top	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.225 0.274 0.804 0.274 0.804 0.205	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235 0.274 0.884 0.274	Limit (A/m) FCC	Location 51 52 53 54 Top Bottom Max 51 52 53 54 Top 51 52 53 54 Top Top	Magn Peak 0.036 0.036 0.036 0.035 0.039 0.033 0.036 0.035 0.037 0.036 0.035 0.037 0.036 0.037	(A/m) Duty Cycle %	COMPANY COMPAN		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max	0.398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.343 0.904 0.235 0.225 0.227 0.864 0.274 0.884 0.274 0.354	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.504 0.274 0.343 0.804 0.338 0.235 0.274 0.884 0.274 0.354	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bostom Bottom	Peak 0.036 0.036 0.036 0.035 0.039 0.033 0.039 0.037 0.036 0.039 0.031 0.036 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	(A/m) Duty Cycle %	COS		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top	0.398 Electr Peak 0.385 0.227 0.266 0.390 0.274 0.343 0.894 0.274 0.388 0.225 0.274 0.383 0.384 0.894 0.894 0.894	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235 0.274 0.384 0.274 0.354 0.274 0.354	Limit (A/m) FCC	Location	Magno Peak 0.036 0.036 0.035 0.039 0.033 0.036 0.039 0.039 0.039 0.039 0.037 0.040	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.035 0.039 0.039 0.039 0.035 0.036 0.036 0.037		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5	Deak 0.385 0.227 0.266 0.804 0.774 0.343 0.804 0.274 0.388 0.225 0.274 0.884 0.274 0.884 0.388	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.235 0.274 0.884 0.274 0.554 0.884 0.393	Limit (A/m) FCC	Max	Peak 0.036 0.036 0.036 0.036 0.039 0.033 0.039 0.037 0.036 0.042 0.036 0.042 0.037 0.043	(A/m) Duty Cycle %	FCC Average 0.036 0.036 0.036 0.037 0.036 0.037		
Configuration	Test Mode Operating Real Product (Power~10% Charging) Operating Real Product (Power 20% ~ 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top	0.398 Electr Peak 0.385 0.227 0.266 0.390 0.274 0.343 0.894 0.274 0.388 0.225 0.274 0.383 0.384 0.894 0.894 0.894	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235 0.274 0.384 0.274 0.354 0.274 0.354	Limit (A/m) FCC	Location \$1 \$2 \$3 \$3 \$4 \$10 \$52 \$3 \$4 \$70 \$80 \$10 \$52 \$3 \$4 \$70 \$80 \$10 \$80 \$10 \$80 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	Magno Peak 0.036 0.036 0.035 0.039 0.033 0.036 0.039 0.039 0.039 0.039 0.037 0.040	(A/m) Duty Cycle %	0.037 FCC Average 0.036 0.036 0.035 0.039 0.039 0.039 0.035 0.036 0.036 0.037		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5 S5 S4 S5 S5 S5 S5 S6 S6 S7 S7 S8	D. 398 Electr Peak 0.385 0.227 0.266 0.804 0.274 0.243 0.804 0.385 0.225 0.274 0.274 0.389 0.235 0.274 0.389 0.235 0.274 0.389 0.235 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389 0.274 0.389	(V/m) Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.343 0.274 0.388 0.235 0.274 0.354 0.393 0.235	Limit (A/m) FCC	Max	Magne Peak 0.036 0.036 0.036 0.035 0.033 0.033 0.035 0.039 0.035 0.036	(A/m) Duty Cycle %	COMPANY CONTRACT CONT		
Configuration	Test Mode Operating Real Product (Power~10% Charging) Operating Real Product (Power 20% ~ 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5 S3 S4 S5	0.398 Electr Peak 0.385 0.227 0.266 0.274 0.343 0.804 0.274 0.343 0.804 0.274 0.354 0.393 0.255 0.274 0.355	Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.388 0.235 0.274 0.884 0.393 0.235	Limit (A/m) FCC	Location \$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom Max \$51 \$52 \$3 \$54 \$54 \$53 \$54 \$55 \$53	Peak 0.036 0.036 0.036 0.036 0.039 0.033 0.039 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037	Duty Cycle %	COMPANY COMPAN		
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Bottom Max	0.398 Electr Peak 0.385 0.227 0.266 0.864 0.274 0.343 0.304 0.255 0.274 0.884 0.384 0.384 0.384 0.384 0.384 0.384 0.384	Duty Cycle %	0.398 FCC Average 0.385 0.227 0.266 0.804 0.274 0.343 0.804 0.235 0.274 0.388 0.235 0.274 0.884 0.274 0.354 0.884 0.274 0.354 0.884 0.275 0.274 0.884 0.275 0.274 0.884 0.275 0.274 0.884 0.274 0.884 0.275 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274 0.884 0.274	Limit (A/m) FCC	Location \$1 \$2 \$3 \$4 Top Bottom Max \$51 \$52 \$3 \$4 Top Bottom Max \$51 \$52 \$53 \$54	Peak 0.036 0.036 0.036 0.036 0.039 0.033 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.036 0.037 0.043	Duty Cycle %	COMPANY CONTRACT CONT		

CONFIGURATION 7: AirPods Charging Case with AirPods + Apple Watch

CC Limit	@ Direct Contact	110.5kHz to 14	18.5kHz Air	Pods Ca	ise							
			Electric Field Limit		Electr	ic Field Reading		Magnetic Field Limit		Magn	etic Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
				S1	0.345		0.345		S1	0.079		0.079
				S2	0.486		0.486]	S2	0.040		0.040
	Operating Real Product			S3	0.360	100	0.360	4	S3	0.037	100	0.037
	(Power ~10% Charging)			S4	0.258		0.258	4	S4	0.041		0.041
				Тор	0.353 0.486		0.353 0.486	<u> </u>	Top	0.135 0.135	-	0.135 0.135
	-	1		Max S1	0.486		0.486	1	Max S1	0.135		0.135
		15 cm surrounding the		S1 S2	0.251	1	0.251	 	S1 S2	0.110		0.110
	Operating Real Product	device (S1 - S4) and 20		S3	0.396		0.396	†	S3	0.035		0.035
7	(Power 20% ~ 60% Charging)		614	S4	0.269	100	0.269	1.63	S4	0.042	100	0.042
		surface of the EUT		Тор	0.391	1	0.391	1	Тор	0.124		0.124
				Max	0.396		0.396	1	Max	0.124		0.124
				S1	0.269		0.269]	S1	0.083		0.083
				S2	0.259		0.259	1	S2	0.035		0.035
	Operating Real Product			S3	0.463	100	0.463	1	S3	0.035	100	0.035
	(Power >75% Charging)			S4	0.266		0.266	-	S4	0.050		0.050
				Тор	0.383		0.383		Top	0.135		0.135
				Max	0.463		0.463	†	Max	0.135	1	0.135
CC Limit	@ Direct Contact	Apple Watch 3	Electric Field	Max		ic Field Reading		Magnetic Field		0.135	etic Field Reading	
		Measuring Distance	Electric Field Limit	Max		ic Field Reading		Limit		0.135	etic Field Reading	
CC Limit Configuration	@ Direct Contact Test Mode		Electric Field	Max		ic Field Reading (V/m) Duty Cycle %	0.463			0.135	etic Field Reading (A/m) Duty Cycle %	0.135
		Measuring Distance	Electric Field Limit (V/m)		Electr	(V/m)	0.463	Limit (A/m)	Max	0.135 Magn	(A/m)	0.135
		Measuring Distance	Electric Field Limit (V/m)	Location	Electr	(V/m)	0.463 FCC Average	Limit (A/m)	Max	0.135 Magn	(A/m)	0.135 FCC Average
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	Location \$1	Electr Peak 0.235	(V/m)	FCC Average 0.235	Limit (A/m)	Location S1	0.135 Magn Peak 0.034	(A/m)	FCC Average 0.034
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location \$1 \$2 \$3 \$4	Peak 0.235 0.245 0.227 0.227	(V/m)	0.463 FCC Average 0.235 0.245 0.227	Limit (A/m)	Location S1 S2 S3 S4	0.135 Magn Peak 0.034 0.036 0.037 0.056	(A/m)	0.135 FCC Average 0.034 0.036 0.037 0.056
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3 S4 Top	Peak 0.235 0.245 0.227 0.227	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227	Limit (A/m)	Location S1 S2 S3 S4 Top	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.034	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.034
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3 S4 Top Bottom	Peak 0.235 0.245 0.227 0.227 0.226	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.227 0.226	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.034 0.034 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.034 0.036
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	Location S1 S2 S3 S4 Top Bottom Max	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.245	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.227 0.226 0.245	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Max	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.034 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.034 0.036 0.056
	Test Mode Operating Real Product	Measuring Distance (cm)	Electric Field Limit (V/m)	Location S1 S2 S3 S4 Top Bottom Max S1	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.245 0.228	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.227 0.227 0.227 0.226 0.245 0.227	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Bottom S1	0.135 Magn Peak 0.034 0.036 0.037 0.036 0.034 0.036 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.034 0.036 0.036 0.036
	Test Mode Operating Real Product (Power ~10% Charging)	Measuring Distance (cm)	Electric Field Limit (V/m)	Location S1 S2 S3 S4 Top Bottom Max S1 S2	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.246 0.228 0.228	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.227 0.226 0.245 0.228 0.228	Limit (A/m)	Location S1 S2 S3 S4 Top Bottom Max S1 S2	Magn Peak 0.034 0.036 0.037 0.056 0.034 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	Location	Peak 0.235 0.245 0.227 0.227 0.226 0.228 0.228 0.228 0.226 0.227	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.226 0.228 0.228 0.228	Limit (A/m) FCC	Location \$1 \$2 \$3 \$4 \$70 \$80 \$80 \$10 \$10 \$2 \$2 \$3 \$3 \$4 \$3 \$3 \$4 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.036 0.036 0.036 0.036 0.036 0.036
	Test Mode Operating Real Product (Power ~10% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m)	Location \$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$5	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.245 0.226 0.245 0.228 0.226 0.227 0.068	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.227 0.226 0.245 0.228 0.228 0.228 0.226 0.227 0.226 0.227	Limit (A/m)	Location \$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 \$5 \$5 \$5 \$5 \$6 \$6 \$6 \$6 \$6 \$6	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.034 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.037 0.056 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	Location	Peak 0.235 0.245 0.227 0.227 0.226 0.228 0.228 0.228 0.226 0.227	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.226 0.228 0.228 0.228	Limit (A/m) FCC	Location \$1 \$2 \$3 \$4 \$70 \$80 \$80 \$10 \$10 \$2 \$2 \$3 \$3 \$4 \$3 \$3 \$4 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3	0.135 Magn Peak 0.034 0.036 0.037 0.056 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.056 0.056 0.056 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.228 0.228 0.226 0.227 0.068 0.226 0.227 0.028	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.228 0.228 0.226 0.227 0.226 0.227 0.226 0.227 0.226 0.227 0.228 0.227 0.228 0.227 0.228 0.227 0.228	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S4 Top Bottom Max S5 S6 S6 S6 S6 S6 S6 S6	Magn Peak 0.034 0.036 0.037 0.056 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 S4 S5 S4 S5	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.228 0.228 0.226 0.227 0.068 0.227 0.028 0.226 0.227 0.058	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.227 0.226 0.245 0.228 0.226 0.228 0.226 0.228 0.228 0.227 0.068 0.226 0.227 0.228 0.227 0.068 0.226 0.227	Limit (A/m) FCC	Location \$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom Max \$51 \$52 \$53 \$54 \$54 \$51 \$52 \$53 \$54 \$54 \$55 \$55 \$55 \$55 \$55 \$55 \$55 \$55	Nagn Peak 0.034 0.036 0.037 0.056 0.034 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.038 0.038 0.038	(A/m) Duty Cycle %	PCC Average 0.034 0.036 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S3 S4 Top Bottom Max S1 Top Bottom Max S1 S2 S3 S4 Top S0	Peak	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.226 0.226 0.226 0.227 0.226 0.227 0.228 0.227	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S2 S3 S4 Top Bottom Max S1 S5 S6 S6 S6 S7 S7 S8 S8 S8 S8 S8 S8	Magn Peak 0.034 0.036 0.037 0.056 0.036	(A/m) Duty Cycle %	0.135 FCC Average 0.034 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.038
Configuration	Test Mode Operating Real Product (Power~10% Charging) Operating Real Product (Power 20% ~ 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 Top Bottom Max S1 S2 S3 S4 Top Bottom S5 S5 S5 S5 S5 S5 S5 S	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.228 0.226 0.227 0.028 0.226 0.227 0.068 0.226 0.227 0.068 0.227 0.068 0.227 0.028 0.227 0.028 0.227 0.028 0.228 0.227	Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.228 0.226 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom S5 S5 S5 S5 S5 S5 S5 S	Magn Peak 0.034 0.036 0.037 0.056 0.056 0.056 0.056 0.056 0.036	(A/m) Duty Cycle % 100	0.135 FCC Average 0.034 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S2 S3 S4 Top Max S2 S3 S4 Top S5 S5 S5 S5 S5 S5 S5 S	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.248 0.228 0.226 0.229 0.227 0.226 0.227 0.226 0.227 0.226 0.227 0.227 0.228 0.227 0.228 0.251 0.235 0.227	(V/m) Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.245 0.226 0.226 0.226 0.227 0.228 0.226 0.227 0.228 0.226 0.227 0.228 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228 0.221 0.228	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top S5 S5 S5 S5 S5 S5 S6 S6	Nagn Peak 0.034 0.036 0.037 0.056 0.036 0.056 0.038 0.056 0.038 0.048 0.048 0.038 0.048 0.038 0.048 0.038	(A/m) Duty Cycle %	0.135 FCC Average 0.036 0.037 0.056 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.038 0.038
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 Top Bottom Max S1 S2 S3 S4 Top Bottom S5 S5 S5 S5 S5 S5 S5 S	Peak 0.235 0.245 0.227 0.227 0.227 0.226 0.228 0.226 0.227 0.028 0.226 0.227 0.068 0.226 0.227 0.068 0.227 0.068 0.227 0.028 0.227 0.028 0.227 0.028 0.228 0.227	Duty Cycle %	0.463 FCC Average 0.235 0.245 0.227 0.227 0.226 0.228 0.226 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068 0.227 0.068	Limit (A/m) FCC	Location S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom Max S1 S2 S3 S4 Top Bottom S5 S5 S5 S5 S5 S5 S5 S	Magn Peak 0.034 0.036 0.037 0.056 0.056 0.056 0.056 0.056 0.036	(A/m) Duty Cycle % 100	0.135 FCC Average 0.034 0.036

CONFIGURATION 8: iPhone + AirPods Charging Case with AirPods + Apple Watch

	@ Direct Contact	IF HOHE SOOKH	Electric Field		Fleate	ic Field Reading		Magnetic Field		Mana	etic Field Reading	
			Limit		Electri	•		Limit		ivagne		
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
				S1	0.884		0.884		S1	0.036		0.036
				S2 S3	0.307 0.556		0.307 0.556	1	S2 S3	0.066		0.066 0.036
	Operating Real Product			S4	0.476	100	0.476	i l	S4	0.038	100	0.038
	(Power ~10% Charging)			Тор	0.266		0.266		Тор	0.036		0.036
				Bottom	0.253		0.253		Bottom	0.036		0.036
				Max	0.884		0.884		Max	0.066		0.066
				S1 S2	0.422 0.282		0.422	+	S1 S2	0.036 0.045		0.036 0.045
	On a set land David Control	15 cm surrounding the		S3	0.425		0.425		S3	0.036		0.036
8	Operating Real Product (Power 20% ~ 60% Charging)	device (S1 - S4) and 20 cm above the top	614	S4	0.332	100	0.332	1.63	S4	0.036	100	0.036
	(Fower 20% Good Charging)	surface of the EUT		Тор	0.235		0.235		Тор	0.036		0.036
				Bottom Max	0.318 0.425		0.318 0.425	-	Bottom Max	0.034 0.045		0.034
		•		S1	0.352		0.352	1	S1	0.036		0.036
				S2	0.315		0.315		S2	0.039		0.039
	Operating Real Product			S3	0.332		0.332		S3	0.039		0.039
	(Power >75% Charging)			S4	0.520	100	0.520	4	S4	0.037	100	0.037
				Top Bottom	0.236 0.262		0.236 0.262	4	Top Bottom	0.036 0.036		0.036 0.036
				Max	0.520		0.262	†	Max	0.039		0.036
CC Limit	@ Direct Contact	110.5kHz to 14	18.5kHz Air	Pods Ca				Magnetic Field				
			Limit		Electri	ic Field Reading		Limit		Magne	etic Field Reading	
Configuration	Test Mode	Measuring Distance (cm)	(V/m)			(V/m)		(A/m)			(A/m)	
		, ,	FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
				S1	0.301		0.301		S1	0.036		0.036
				S2	0.266		0.266		S2	0.046		0.046
	Operating Real Product			S3	0.343	100	0.343		S3	0.093	100	0.093
	(Power ~10% Charging)			S4 Top	0.338 0.971		0.338	1	S4 Top	0.071 0.154		0.071 0.154
				Max	0.971		0.971		Max	0.154		0.154
				S1	0.307		0.307		S1	0.035		0.035
		15 cm surrounding the device (S1 - S4) and 20		S2	0.279		0.279		S2	0.044		0.044
8	Operating Real Product (Power 20% ~ 60% Charging)	cm above the top	614	S3 S4	0.334	100	0.334	1.63	S3 S4	0.070 0.047	100	0.070
	(surface of the EUT		Тор	0.985		0.985		Тор	0.152		0.152
				Max	0.985		0.985		Max	0.152		0.152
				S1	0.307		0.307		S1	0.035		0.035
	Operating Bool Broduct			S2	0.294		0.294	_	S2	0.047		0.047
	Operating Real Product (Power >75% Charging)			S3 S4	0.383	100	0.383	†	S3 S4	0.069	100	0.069
				Тор	0.994		0.994		Тор	0.159		0.159
				Max	0.994		0.994		Max	0.159		0.159
CC Limit	@ Direct Contact	Apple Watch 3	326kHz Electric Field					Magnetic Field			r. Fills	
			Electric Field Limit		Electri	ic Field Reading		Limit		Magne	etic Field Reading	
	@ Direct Contact	Apple Watch 3 Measuring Distance (cm)	Electric Field Limit (V/m)			(V/m)	ECC	Limit (A/m)			(A/m)	ECC.
		Measuring Distance	Electric Field Limit	Location	Electri		FCC Average	Limit	Location	Magne Peak		FCC Average
CC Limit Configuration		Measuring Distance	Electric Field Limit (V/m)	Location \$1		(V/m)		Limit (A/m)	Location \$1		(A/m)	
		Measuring Distance	Electric Field Limit (V/m)	S1 S2	Peak 0.516 0.226	(V/m)	0.516 0.226	Limit (A/m)	\$1 \$2	Peak 0.036 0.036	(A/m)	0.036 0.036
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	S1 S2 S3	Peak 0.516 0.226 0.292	(V/m) Duty Cycle %	Average 0.516 0.226 0.292	Limit (A/m)	S1 S2 S3	Peak 0.036 0.036 0.036	(A/m) Duty Cycle %	0.036 0.036 0.036
	Test Mode	Measuring Distance	Electric Field Limit (V/m)	S1 S2 S3 S4	Peak 0.516 0.226 0.292 1.031	(V/m)	0.516 0.226 0.292 1.031	Limit (A/m)	S1 S2 S3 S4	Peak 0.036 0.036 0.036 0.053	(A/m)	0.036 0.036 0.036 0.036 0.053
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	S1 S2 S3	Peak 0.516 0.226 0.292	(V/m) Duty Cycle %	Average 0.516 0.226 0.292	Limit (A/m)	\$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036	(A/m) Duty Cycle %	0.036 0.036 0.036
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	S1 S2 S3 S4 Top Bottom Max	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031	(V/m) Duty Cycle %	0.516 0.226 0.292 1.031 0.245 0.422 1.031	Limit (A/m)	S1 S2 S3 S4 Top Bottom Max	Peak 0.036 0.036 0.036 0.053 0.053 0.034 0.036 0.053	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.053 0.034 0.036 0.053
	Test Mode Operating Real Product	Measuring Distance	Electric Field Limit (V/m)	S1 S2 S3 S4 Top Bottom Max S1	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451	Limit (A/m)	S1 S2 S3 S4 Top Bottom Max S1	Peak 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.053 0.053	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034
	Test Mode Operating Real Product (Power~10% Charging)	Measuring Distance (cm) 15 cm surrounding the	Electric Field Limit (V/m)	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235	Limit (A/m)	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2	Peak 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3	Peak 0.516 0.226 0.292 1.031 0.445 0.422 1.031 0.451 0.235 0.292	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3	Peak 0.036 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034 0.034	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.053 0.034 0.053 0.034 0.034 0.036
	Test Mode Operating Real Product (Power~10% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m)	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235	Limit (A/m)	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2	Peak 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.451 0.235 0.292 1.042 0.237	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036 0.053 0.034 0.053 0.034 0.034 0.034 0.036 0.053 0.034 0.036 0.053	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.034 0.036 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.235 0.292 1.042 0.237 0.422 1.042	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237 0.422 1.042	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036 0.053 0.034 0.053 0.034 0.034 0.034 0.036 0.036 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.036 0.036 0.053 0.034 0.034 0.036 0.053 0.036 0.053 0.036 0.053
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237 0.422 1.042 0.422	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.437 0.422 1.042 0.437	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.036 0.053 0.036 0.053 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	Average
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237 0.472 0.478 0.478	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237 0.427 0.427 0.427	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036 0.053 0.053 0.053 0.034 0.034 0.034 0.034 0.034 0.034 0.036 0.053 0.036 0.053 0.036 0.036 0.036 0.036 0.036 0.033	(A/m) Duty Cycle %	Average 0.036 0.036 0.036 0.036 0.053 0.034 0.036 0.034 0.036 0.036 0.036 0.036 0.036 0.036 0.036 0.036
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging) Operating Real Product	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.237 0.422 1.042 0.422	(V/m) Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.437 0.422 1.042 0.437	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom	Peak 0.036 0.036 0.036 0.053 0.034 0.036 0.053 0.034 0.036 0.036 0.036 0.053 0.036 0.036 0.036 0.036	(A/m) Duty Cycle %	Average
Configuration	Test Mode Operating Real Product (Power ~10% Charging) Operating Real Product (Power 20% ~ 60% Charging)	Measuring Distance (cm) 15 cm surrounding the device (51 - 54) and 20 cm above the top	Electric Field Limit (V/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom Max	Peak 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.255 0.292 1.042 0.237 0.422 1.042 0.478 0.227	Duty Cycle %	Average 0.516 0.226 0.292 1.031 0.245 0.422 1.031 0.451 0.235 0.292 1.042 0.292 1.042 0.478 0.227 0.478 0.227	Limit (A/m) FCC	\$1 \$2 \$3 \$4 Top Bottom Max \$1 \$2 \$3 \$4 Top Bottom Max \$1 \$5 \$2 \$3 \$4 \$4 \$5 \$5 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	Peak 0.036 0.036 0.036 0.053 0.034 0.034 0.034 0.034 0.034 0.036 0.053 0.034 0.053 0.053 0.036 0.053 0.036 0.036 0.036 0.036 0.036 0.037	Duty Cycle %	Average

9. SETUP PHOTO

Please see setup photo report 13573637-EP1V2

END OF TEST REPORT