

TEST REPORT

Report Number. : 14905094-E2V2

Applicant : BELKIN INTERNATIONAL, INC.
555 S. AVIATION BLVD., SUITE 180
EL SEGUNDO, CA 90245, USA

Model : WIZ020

FCC ID : K7SWIZ020

EUT Description : BoostCharge Pro 2-in-1 Wireless Charging Dock with MagSafe

Test Standard(s) : FCC PART 1 SUBPART I
FCC PART 2 SUBPART J

Date Of Issue:
2023-09-01

Prepared by:
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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2023-08-23	Initial Issue	---
V2	2023-09-01	Corrected 326kHz to 326.5kHz on Section 6.1	Tina Chu

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: BELKIN INTERNATIONAL, INC.
555 S. AVIATION BLVD., SUITE 180
EL SEGUNDO, CA 90245, USA

EUT DESCRIPTION: BoostCharge Pro 2-in-1 Wireless Charging Dock with MagSafe

MODEL NUMBER: WIZ020

BRAND: belkin

SERIAL NUMBER: 59V00F67D00363

SAMPLE RECEIPT DATE: 2023-08-02

DATE TESTED: 2023-08-04 TO 2023-08-18

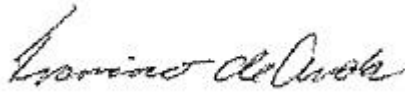
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 1 SUBPART I & PART 2 SUBPART J	Complies

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.

Approved & Released For
UL Verification Services Inc. By:



Francisco de Anda
Staff Engineer
Consumer Technology Division
UL Verification Services Inc.

Prepared and Reviewed By:



Tina Chu
Senior Project Engineer
Consumer Technology Division
UL Verification Services Inc.

2. TEST METHODOLOGY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of the data provided by the customer.

All testing / calculations were made in accordance with

- FCC KDB [447498 D01 General RF Exposure Guidance v06](#)
- FCC KDB [447498 D03 Supplement C Cross-Reference v01](#)
- FCC KDB [680106 D01 RF Exposure Wireless Charging Apps v03r01](#)

3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
<input type="checkbox"/>	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
<input type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
<input checked="" type="checkbox"/>	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

4.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U_{Lab}
Magnetic Field Reading (A/m)	+/-0.04284 (A/m)
Electric Field Reading (V/m)	+/-0.03682 (V/m)

Uncertainty figures are valid to a confidence level of 95.45%.

5. KDB 680106 D01 SECTION 5b EQUIPMENT APPROVAL CONSIDERATIONS

Requirement	Device
(1) Power transfer frequency is less than 1 MHz.	No. The maximum operating frequency is 1.778MHz.
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. The maximum power is 15W.
(3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	Yes. The system has two separate individual coils and each of them allows for capable wireless power transfer between one source and one client at same 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 anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.	Yes. The total aggregate H-field strength is : (7.15 % + 4.27 %)=11.42% of the MPE limit. Note above is worst case from each coil See table 1 below

Table 1

Summary of E- and H-fields as percentage of RF exposure limits												
Frequency / coil	Coil #2 326.5kHz (Standby)		Coil #1 360kHz (MagSafe iPhone)		Coil #1 127.7kHz (Legacy iPhone)		Coil #1 127.7kHz (AirPods Pro Case)		Coil #2 326.5kHz (Legacy Watch)		Coil #2 1778kHz (New Watch)	
Test Config	E	H	E	H	E	H	E	H	E	H	E	H
1	0.02%	1.11%										
2			0.08%	2.88%								
3					0.15%	3.78%						
4							0.07%	5.82%				
5									0.06%	2.98%		
6											0.08%	4.27%
7							0.07%	7.15%			0.08%	4.27%
Worst E-field (in relative to limit)	0.15%											
	0.895(V/m)											
Worst H-field (in relative to limit)	7.15%											
	0.948 (A/m)											

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The EUT is a BoostCharge Pro 2-in-1 Wireless Charging Dock with MagSafe with two separate induction coils that can charge two client devices at the same time.

The first coil is used for charging a MagSafe iPhone at 360kHz (15W max), a legacy iPhone at 127.7kHz (7.5W max), and an AirPods Pro case at 127.7kHz (1W max). The second coil is used for charging an Apple watch at either 326.5kHz or 1.778Mhz (5W max). The EUT is powered by a USB-C cable that is connected to a USB-C AC/DC adapter. The cable is tethered to the EUT at the EUT end.

The EUT is sold with 30W single port USB PD Type-C Power Supply.

6.2. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was:

360kHz/127.7kHz: V274

326.5kHz/1.778MHz: V203

6.3. WORST-CASE CONFIGURATION AND MODE

Testing for MagSafe phone is based on direct contact with no shifts in position due to the embedded magnet in the charger pads.

Legacy phone does not have an embedded magnet, is placed at the maximum power position during the testing.

Even though New AirPods Pro Case has embedded magnet, it is not strong enough to be attached to the charging pad, it is placed at the maximum power position during the testing.

Investigation has been performed and it is determined that AirPods Pro Case on Coil #1 and new watch (1.778MHz) on Coil#2 are the worst case, thus configuration 7 is tested when AirPods Pro Case and new watch are placed on both coils in charging mode.

The EUT was tested in desktop(mobile) mode in the following configurations:

Config	Descriptions	Frequency	Client and worst-case orientation
1	EUT is powered by AC/DC adapter.	326.5kHz	No WPT client used. Stand-by.
2	EUT is powered by AC/DC adapter. Direct contact during charging/operating between the EUT & WPT Client(s).	360kHz (15W)	Coil 1: MagSafe Phone. 180 degrees when the front camera facing USB cable. Charging bed in flatbed position as worse case position.
3		127.7kHz (7.5W)	Coil 1: Legacy Phone. 180 degrees when the front camera facing USB cable. Charging pad as flatbed position as normal used.
4		127.7kHz (1W)	Coil 1: AirPods Pro Case: lighting connector 180 degree away from USB cable. Charging pad as flatbed position as normal used.
5		326.5kHz (1W)	Coil 2: Legacy watch. In portrait position with the digital crown/home button is on the right, 3 clock relative to the type C port.
6		1.778MHz (5W)	Coil 2: Series 8 watch. In landscape position with the digital crown/home button is on top facing the type C port.
7		360kHz (15W) + 1.778MHz (5W)	Coil 1: MagSafe Phone. 180 degrees when the front camera facing USB cable. Charging bed in flatbed position. Coil 2: Series 8 watch. In landscape position with the digital crown/home button is on top facing the type C port.

7. 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	Label ID	Cal Due	Cal Date
Electric and Magnetic Field Probe	Narda	EHP-200A	87095	2024-03-31	2023-03-15
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A	125179	2024-02-29	2023-02-07
Thermometer - Digital	Control Company	14-650-118	175731	2024-02-29	2023-02-08

8. DUTY CYCLE

LIMITS

None; for reporting purposes only.

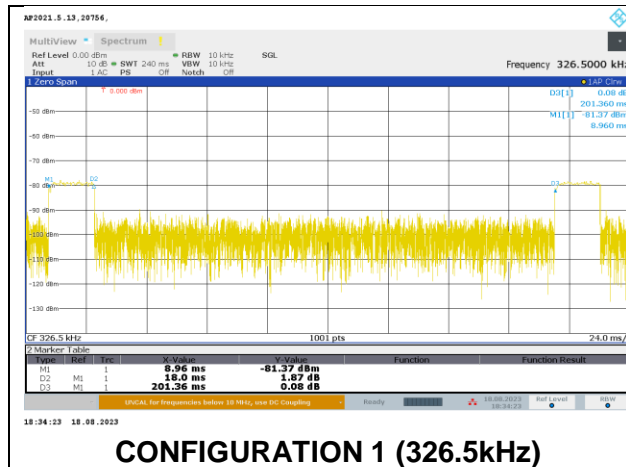
PROCEDURE

Zero-Span Spectrum Analyzer Method.

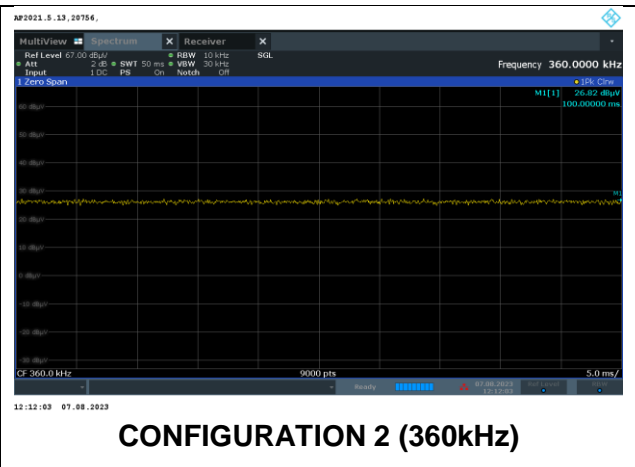
ON TIME AND DUTY CYCLE RESULTS

Test Engineer:	28199 JM
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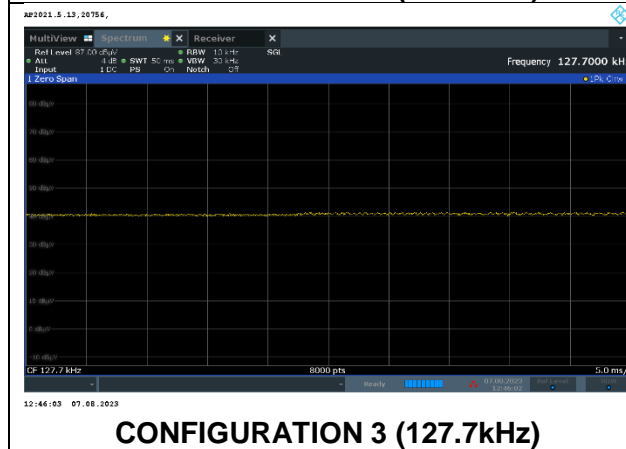
Configuration	Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	Standby @ 326.5kHz	18.00	201.36	0.09	8.94	10.49
2	Operating Frequency @ 360kHz (15W)	1.00	1.00	1.00	100.00	0.00
3	Operating Frequency @ 127.7kHz (7.5W)	1.00	1.00	1.00	100.00	0.00
4	Operating Frequency @ 127.7kHz (1W)	1.00	1.00	1.00	100.00	0.00
5	Operating Frequency @ 326.5kHz (1W)	1.00	1.00	1.00	100.00	0.00
6	Operating Frequency @ 1.778MHz (5W)	1.00	1.00	1.00	100.00	0.00



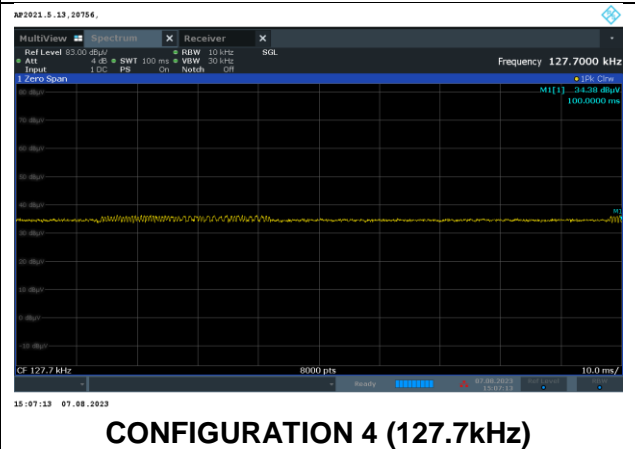
CONFIGURATION 1 (326.5kHz)



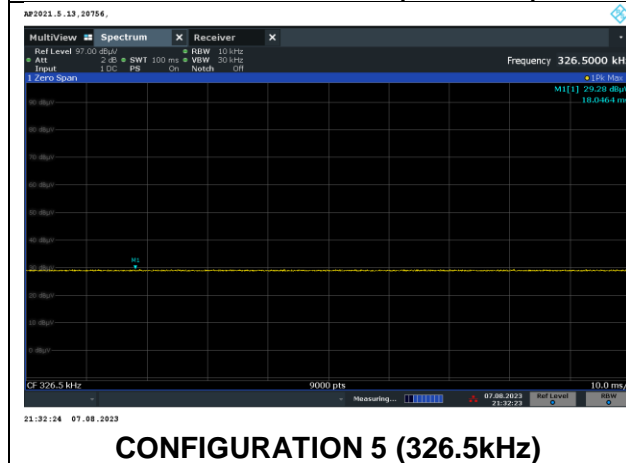
CONFIGURATION 2 (360kHz)



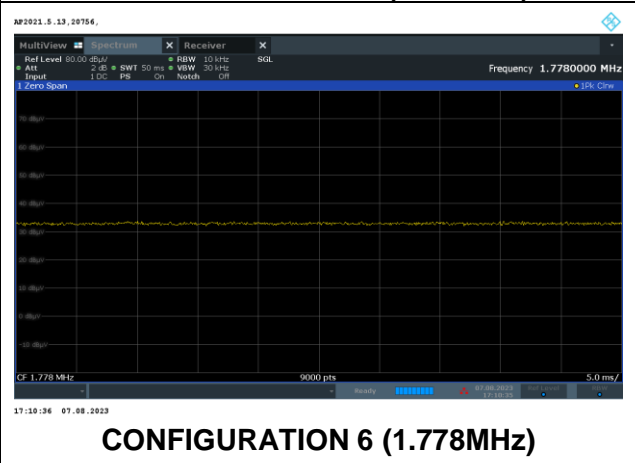
CONFIGURATION 3 (127.7kHz)



CONFIGURATION 4 (127.7kHz)



CONFIGURATION 5 (326.5kHz)



CONFIGURATION 6 (1.778MHz)

9. MAXIMUM PERMISSIBLE RF EXPOSURE

9.1. 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 to § 1.1310(e)(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)
(i) Limits for Occupational/Controlled Exposure				
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
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) 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
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

According to KDB 680106 D01 RF Exposure Wireless Charging App v03r01, section 3 (c) Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m.

RESULT

Test Engineer:	29435 TC	Test Date:	2023-08-04 TO 2023-08-16
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9.1.1. MAXIMUM RESULT SUMMARY

FCC Config 1: 326.5kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.115	0.02%	1.63	0.018	1.11%

FCC Config 2: MagSafe iPhone 360kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.494	0.08%	1.63	0.047	2.88%

FCC Config 3: Legacy iPhone 127.7kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.895	0.15%	1.63	0.062	3.78%

FCC Config 4: AirPods Pro Case 127.7kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.418	0.07%	1.63	0.095	5.82%

FCC Config 5: Legacy Watch 326.5kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.381	0.06%	1.63	0.049	2.98%

FCC Config 6: New Watch 1.778MHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
463.44	0.365	0.08%	1.23	0.053	4.27%

FCC Config 7:

AirPods Pro Case 127.7kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
614	0.402	0.07%	1.63	0.117	7.15%

New Watch 1.778MHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure Limit	Maximum Average (A/m)	Percentage (%)
463.44	0.380	0.08%	1.23	0.053	4.27%

9.1.2. 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: $[\text{Field Strength} \times \sqrt{\text{Duty Cycle}}]$.

CONFIGURATION 1: WPT ON STANDBY

Coil#2												
Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
1	Standby	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.351	8.94	0.105	1.63	S1	0.044	8.94	0.013
				S2	0.351		0.105		S2	0.044		0.013
				S3	0.369		0.110		S3	0.048		0.014
				S4	0.360		0.108		S4	0.042		0.012
				Top	0.380		0.113		Top	0.061		0.018
				Bottom	0.386		0.115		Bottom	0.046		0.014
				Max	0.386		0.115		Max	0.061		0.018

CONFIGURATION 2: OPERATING MODE WITH iPhone (360kHz)

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.345	100	0.345	1.63	S1	0.040	100	0.040
				S2	0.391		0.391		S2	0.045		0.045
				S3	0.494		0.494		S3	0.047		0.047
				S4	0.466		0.466		S4	0.047		0.047
				Top	0.345		0.345		Top	0.044		0.044
				Bottom	0.371		0.371		Bottom	0.043		0.043
				Max	0.494		0.494		Max	0.047		0.047
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.343	100	0.343		S1	0.043	100	0.043
				S2	0.403		0.403		S2	0.045		0.045
				S3	0.464		0.464		S3	0.045		0.045
				S4	0.452		0.452		S4	0.046		0.046
				Top	0.360		0.360		Top	0.047		0.047
				Bottom	0.365		0.365		Bottom	0.042		0.042
				Max	0.464		0.464		Max	0.047		0.047
	Operating Real Product (Power >75% Charging)			S1	0.346	100	0.346		S1	0.042	100	0.042
				S2	0.407		0.407		S2	0.045		0.045
				S3	0.444		0.444		S3	0.045		0.045
				S4	0.452		0.452		S4	0.047		0.047
				Top	0.365		0.365		Top	0.047		0.047
				Bottom	0.335		0.335		Bottom	0.042		0.042
				Max	0.452		0.452		Max	0.047		0.047

CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
3	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.489	100	0.489	1.63	S1	0.047	100	0.047
				S2	0.857		0.857		S2	0.049		0.049
				S3	0.446		0.446		S3	0.045		0.045
				S4	0.718		0.718		S4	0.051		0.051
				Top	0.465		0.465		Top	0.049		0.049
				Bottom	0.410		0.410		Bottom	0.045		0.045
				Max	0.857		0.857		Max	0.051		0.051
				S1	0.590		100		0.590	S1		0.057
	S2		0.895	0.895	S2	0.049		0.049				
	S3		0.695	0.695	S3	0.056		0.056				
	S4		0.878	0.878	S4	0.055		0.055				
	Top		0.604	0.604	Top	0.047		0.047				
	Bottom		0.345	0.345	Bottom	0.047		0.047				
	Max		0.895	0.895	Max	0.057		0.057				
	S1		0.501	100	0.501	S1		0.053	100	0.053		
	S2		0.549		0.549	S2	0.049	0.049				
	S3		0.520		0.520	S3	0.062	0.062				
	S4		0.613		0.613	S4	0.053	0.053				
	Top		0.602		0.602	Top	0.051	0.051				
	Bottom		0.348		0.348	Bottom	0.047	0.047				
	Max		0.613		0.613	Max	0.062	0.062				

CONFIGURATION 4: OPERATING MODE WITH AirPods Pro Case (127.7kHz)

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
4	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.364	100	0.364	1.63	S1	0.056	100	0.056
				S2	0.381		0.381		S2	0.054		0.054
				S3	0.379		0.379		S3	0.060		0.060
				S4	0.389		0.389		S4	0.095		0.095
				Top	0.418		0.418		Top	0.081		0.081
				Bottom	0.374		0.374		Bottom	0.051		0.051
				Max	0.418		0.418		Max	0.095		0.095
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.361	100	0.361		S1	0.079	100	0.079
				S2	0.381		0.381		S2	0.054		0.054
				S3	0.379		0.379		S3	0.060		0.060
				S4	0.389		0.389		S4	0.085		0.085
				Top	0.361		0.361		Top	0.086		0.086
				Bottom	0.374		0.374		Bottom	0.051		0.051
				Max	0.389		0.389		Max	0.085		0.085
	Operating Real Product (Power >75% Charging)			S1	0.362	100	0.362		S1	0.079	100	0.079
				S2	0.383		0.383		S2	0.055		0.055
				S3	0.375		0.375		S3	0.061		0.061
				S4	0.398		0.398		S4	0.075		0.075
				Top	0.380		0.380		Top	0.085		0.085
				Bottom	0.375		0.375		Bottom	0.052		0.052
				Max	0.398		0.398		Max	0.085		0.085

CONFIGURATION 5: OPERATING MODE WITH Apple Watch (326.5kHz)

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
5	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.335	100	0.335	1.63	S1	0.044	100	0.044
				S2	0.381		0.381		S2	0.049		0.049
				S3	0.371		0.371		S3	0.047		0.047
				S4	0.343		0.343		S4	0.043		0.043
				Top	0.352		0.352		Top	0.041		0.041
				Bottom	0.344		0.344		Bottom	0.040		0.040
				Max	0.381		0.381		Max	0.049		0.049
				S1	0.335		100		0.335	S1		0.044
	S2			0.361	0.361	S2			0.043	0.043		
	S3			0.371	0.371	S3			0.047	0.047		
	S4			0.343	0.343	S4			0.043	0.043		
	Top			0.352	0.352	Top			0.041	0.041		
	Bottom			0.344	0.344	Bottom			0.040	0.040		
	Max			0.371	0.371	Max			0.047	0.047		
	S1			0.334	100	0.334			S1	0.044	100	0.044
	S2			0.351		0.351	S2		0.043	0.043		
	S3			0.370		0.370	S3		0.045	0.045		
	S4			0.342		0.342	S4		0.044	0.044		
	Top			0.342		0.342	Top		0.043	0.043		
	Bottom			0.324		0.324	Bottom		0.040	0.040		
	Max			0.370		0.370	Max		0.045	0.045		

CONFIGURATION 6: OPERATING MODE WITH Apple Watch (1.778MHz)

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak
6	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	S1	0.342	100	0.342	1.23	S1	0.047	100	0.047
				S2	0.309		0.309		S2	0.051		0.051
				S3	0.335		0.335		S3	0.045		0.045
				S4	0.335		0.335		S4	0.048		0.048
				Top	0.344		0.344		Top	0.047		0.047
				Bottom	0.351		0.351		Bottom	0.049		0.049
				Max	0.351		0.351		Max	0.051		0.051
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.352	100	0.352		S1	0.051	100	0.051
				S2	0.309		0.309		S2	0.051		0.051
				S3	0.335		0.335		S3	0.045		0.045
				S4	0.335		0.335		S4	0.049		0.049
				Top	0.364		0.364		Top	0.047		0.047
				Bottom	0.361		0.361		Bottom	0.051		0.051
				Max	0.364		0.364		Max	0.051		0.051
	Operating Real Product (Power >75% Charging)			S1	0.364	100	0.364		S1	0.053	100	0.053
				S2	0.364		0.364		S2	0.049		0.049
				S3	0.345		0.345		S3	0.044		0.044
				S4	0.334		0.334		S4	0.047		0.047
				Top	0.365		0.365		Top	0.047		0.047
				Bottom	0.360		0.360		Bottom	0.052		0.052
				Max	0.365		0.365		Max	0.053		0.053

CONFIGURATION 7: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + Apple Watch (1.778MHz)

Coil#1

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak
7	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.397	100	0.397	1.63	S1	0.052	100	0.052
				S2	0.357		0.357		S2	0.117		0.117
				S3	0.354		0.354		S3	0.051		0.051
				S4	0.345		0.345		S4	0.071		0.071
				Top	0.352		0.352		Top	0.079		0.079
				Bottom	0.370		0.370		Bottom	0.071		0.071
				Max	0.397		0.397		Max	0.117		0.117
				S1	0.380		100		0.380	S1		0.052
	S2			0.366	0.366	S2			0.115	0.115		
	S3			0.380	0.380	S3			0.050	0.050		
	S4			0.355	0.355	S4			0.071	0.071		
	Top			0.355	0.355	Top			0.078	0.078		
	Bottom			0.335	0.335	Bottom			0.071	0.071		
	Max			0.380	0.380	Max			0.115	0.115		
	S1			0.398	100	0.398			S1	0.052	100	0.052
	S2			0.402		0.402	S2		0.105	0.105		
	S3			0.364		0.364	S3		0.051	0.051		
	S4			0.335		0.335	S4		0.070	0.070		
	Top			0.352		0.352	Top		0.080	0.080		
	Bottom			0.380		0.380	Bottom		0.072	0.072		
	Max			0.402		0.402	Max		0.105	0.105		

Coil#2

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)					
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
7	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	S1	0.380	100	0.380	1.23	S1	0.051	100	0.051		
				S2	0.336		0.336		S2	0.049		0.049		
				S3	0.345		0.345		S3	0.049		0.049		
				S4	0.346		0.346		S4	0.047		0.047		
				Top	0.352		0.352		Top	0.052		0.052		
				Bottom	0.371		0.371		Bottom	0.049		0.049		
				Max	0.380		0.380		Max	0.052		0.052		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.371	100	0.371		S1	0.051	100	0.051		
				S2	0.364		0.364		S2	0.052		0.052		
				S3	0.352		0.352		S3	0.052		0.052		
				S4	0.345		0.345		S4	0.051		0.051		
				Top	0.348		0.348		Top	0.047		0.047		
				Bottom	0.351		0.351		Bottom	0.052		0.052		
				Max	0.371		0.371		Max	0.052		0.052		
	Operating Real Product (Power >75% Charging)			S1	0.380	100	0.380		S1	0.051	100	0.051		
				S2	0.345		0.345		S2	0.047		0.047		
				S3	0.380		0.380		S3	0.053		0.053		
				S4	0.336		0.336		S4	0.047		0.047		
				Top	0.342		0.342		Top	0.053		0.053		
				Bottom	0.351		0.351		Bottom	0.048		0.048		
				Max	0.380		0.380		Max	0.053		0.053		

10. RF EXPOSURE TEST SETUP AND SETUP PHOTO

Please see description of RF exposure test up and setup photo report 14905094-EP1

END OF TEST REPORT