

# **TEST REPORT**

**Report Number. :** 15365975-E2V3

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

**Model :** WIZ032

**FCC ID :** K7SWIZ032

**EUT Description :** BoostCharge Pro 3-in-1 Wireless Charging Station

**Test Standard(s) :** FCC 47 CFR PART 1 SUBPART I  
FCC 47 CFR PART 2 SUBPART J

**Date Of Issue:**  
2024-09-06

**Prepared by:**  
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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-08-20	Initial Issue	---
V2	2024-09-05	Updated Section 5 table 1, section 6.3 to address TCB's questions	Tina Chu
V3	2024-09-06	Updated Section 5 heading to address TCB's question	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 3-in-1 Wireless Charging Station

**MODEL NUMBER:** WIZ032

**BRAND:** belkin

**SERIAL NUMBER:** Unit#4

**SAMPLE RECEIPT DATE:** 2024-08-02

**DATE TESTED:** 2024-08-05 TO 2024-08-16

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.

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 correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

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 Wireless Power Transfer v04
- FCC Parts 1.1310, 2.1091, 2.1093, IEEE Std C95.1-2005, IEEE Std C95.3-2002

## 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 checked="" type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
<input type="checkbox"/>	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			

## 4. DECISION RULES AND MEASUREMENT UNCERTAINTY (RF EXPOSURE)

### 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)	+/-0.3 dB
Electric Field Reading (V/m)	+/-0.3 dB

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

## 5. SUMMARY OF EUT RF EXPOSURE INFORMATION

Requirement	Device
(1) The power transfer frequency is below 1 MHz.	No. The maximum operating frequency is 1.778MHz.
(2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.	Yes. The maximum power is 15W.
(3) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)	Yes. The client device is placed directly in contact with the transmitter.
(4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).	Yes. EUT is mobile only.
(5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field strength decay is observed. Symmetry considerations may be used for test reduction purposes. The device shall be operated in documented worst-case compliance scenarios (i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.	Yes Worst Case: Coil1, Coil2 & Coil3 operating simultaneously.  H-field strength coil#1 + coil#2 + coil#3 respectively: 5.52+18.40+2.44=26.36% See table below.
(6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested.	Yes. The system has three individual coils and allows for capable wireless power transfer simultaneously for three clients.

Table 1

The worst case leakage of H-field strength from all simultaneous transmitting coils								Total H field of each configuration
Frequency / coil	1st Coil			2nd Coil		3rd Coil		
Test Config	360kHz (New iPhone)	127.7kHz (Legacy iPhone/standby)	127.7kHz (AirPods Charging Case)	111kHz to 148Khz (Legacy iPhone)	111kHz to 148Khz (AirPods Charging Case)	326.5kHz (Legacy Apple Watch/stanby)	1.778MHz (New Apple Watch)	
1		2.40%				0.10%		2.50%
2	0.50%							0.50%
3		4.29%						4.29%
4			4.29%					4.29%
5				18.40%				18.40%
6					18.40%			18.40%
7						0.41%		0.41%
8							2.44%	2.44%
9			5.52%	13.50%		1.23%		20.25%
Worst-case (A/m)	0.50%	4.29%	5.52%	18.40%	18.40%	1.23%	2.44%	26.36%
	0.008	0.070	0.090	0.300	0.300	0.020	0.030	

## 6. EQUIPMENT UNDER TEST

### 6.1. DESCRIPTION OF EUT

The EUT is a 3-in-1 wireless charging stand containing a Qi2 MPP/BPP 15W coil, a Qi BPP 5W coil, and an Apple Watch coil. The charging coils are separate and can charge three client devices at the same time.

The first coil is used for charging a Qi2 compatible device at 360kHz (15W max), a Qi compatible device at 127.7kHz (7.5W max), or an AirPods case at 127.7kHz (1W max). The second coil is used to charge a Qi compatible device at 111kHz to 148kHz (5W Max). The third coil is used for charging an Apple Watch at 326.5kHz or 1.778MHz (5W Max).

The EUT is powered by a 40W barrel jack AC/DC adapter.

### 6.2. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was:

Coil#1: 360kHz/127.7kHz: V1.0

Coil#2: 111 to 148kHz: V0.03

Coil#3: 326.5kHz /1.778MHz: V2.0.3



### 6.3. WORST-CASE CONFIGURATION AND MODE

Testing with the iPhone 14, Apple Watches, and AirPods Pro case is based on direct contact with no shifts in position due to the embedded magnets surrounding the coils in each of these client devices.

The legacy iPhone does not have an embedded magnet and is placed at the maximum power position during the testing.

EUT is a desktop device. Configuration 9 was tested as the worst-case combination based on the result of each coil in charging mode from configuration 2 to configuration 8, note that coil #3 when charging New Apple Watch, the signal is too weak to be noticed (noise floor only) and it was tested at a closer distance at 10cm instead of 20cm; thus the Legacy Apple Watch was picked as worst-case of coil #3.

The following configurations were tested as worst-case position:

Config	Descriptions	Frequency	Client and worst-case orientation
1	EUT stand alone, standby, powered by AC/DC adapter.	@127.7kHz @326.5kHz	No client presents. Standby.  111kHz to 148kHz, 360kHz and 1.778MHz signals were not observed in stand-by mode.
2	Direct contact during charging/operating between the EUT & WPT Client, EUT is powered by AC/DC adapter.	@360kHz	1 <sup>st</sup> coil: iPhone14. Lighting connector at 9 o'clock.
3		@127.7kHz	1 <sup>st</sup> coil: Legacy iPhone. Lighting connector at 9 o'clock.
4		@127.7kHz	1 <sup>st</sup> coil: AirPods Pro Case. USB-C connector at 3 o'clock.
5		@111kHz to 148kHz	2 <sup>nd</sup> coil: Legacy iPhone. Lighting connector at 3 o'clock.
6		@111kHz to 148kHz	2 <sup>nd</sup> coil: AirPods Pro Case. USB-C connector at 9 o'clock.
7		@326.5kHz	3 <sup>rd</sup> coil: Legacy Apple Watch. Home button at 3 o'clock.
8		@1.778MHz	3 <sup>rd</sup> coil: New Apple Watch . Home button at 6 o'clock.
9		@127.7kHz @111kHz to 148kHz @ 326.5KHz	1 <sup>st</sup> coil: AirPods Pro Case. USB-C connector at 3 o'clock. 2 <sup>nd</sup> coil: Legacy iPhone. Lighting connector at 3 o'clock. 3 <sup>rd</sup> coil: Legacy Apple Watch. Home button at 3 o'clock.

## 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
Near-field Electric and Magnetic Field Sensor System	SPEAG Schmid & Partner Engineering AG	MAGPy-8H3D+E3d	3099 (S/N)	2025-03-31	2024-03-19
Thermometer - Digital	Control Company	14-650-118	168574	2026-05-31	2024-05-23

## 8. DUTY CYCLE

### LIMITS

None; for reporting purposes only.

### PROCEDURE

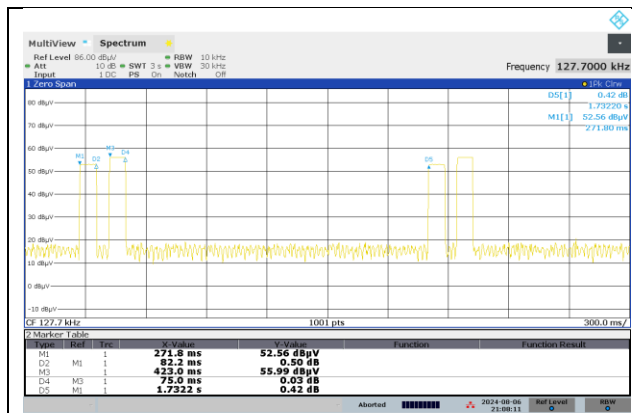
Zero-Span Spectrum Analyzer Method.

### ON TIME AND DUTY CYCLE RESULTS

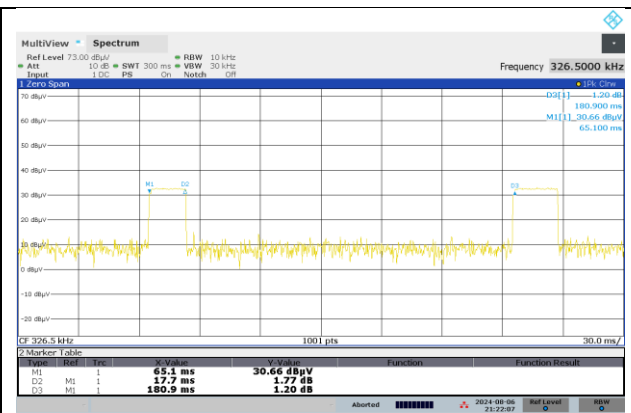
Test Engineer:	32933 LM
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Configuration	Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	127.7	157.20	1732.20	0.09	9.08	10.42
1	326.5	17.70	180.90	0.10	9.78	10.09
2	360	100.00	100.00	1.00	100.00	0.00
3	127.7	100.00	100.00	1.00	100.00	0.00
4	127.7	100.00	100.00	1.00	100.00	0.00
5	111-148	100.00	100.00	1.00	100.00	0.00
6	111-148	100.00	100.00	1.00	100.00	0.00
7	326.5	100.00	100.00	1.00	100.00	0.00
8	1778	100.00	100.00	1.00	100.00	0.00

Configuration 1, Coil#2: N/A. No noticeable intended radiator



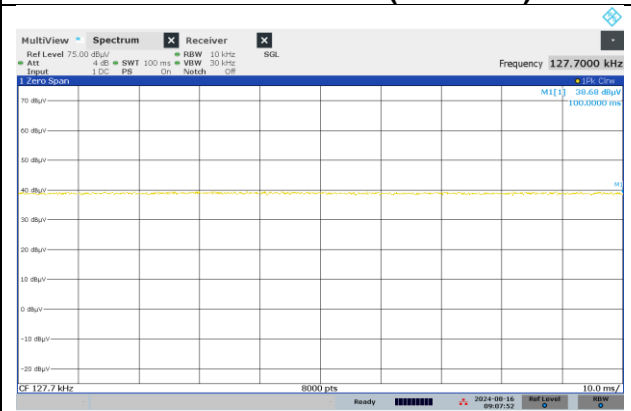
CONFIGURATION 1 (127.7kHz)



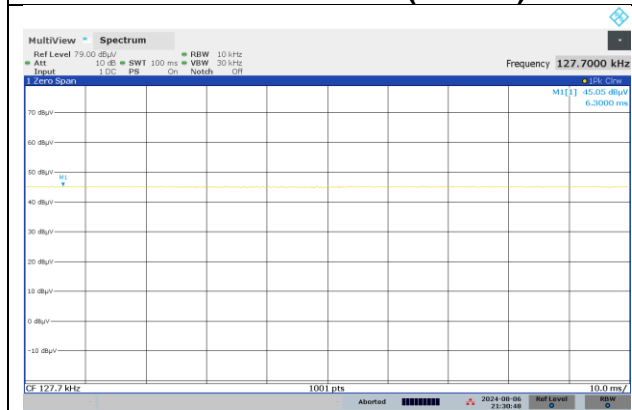
CONFIGURATION 1 (326.5kHz)



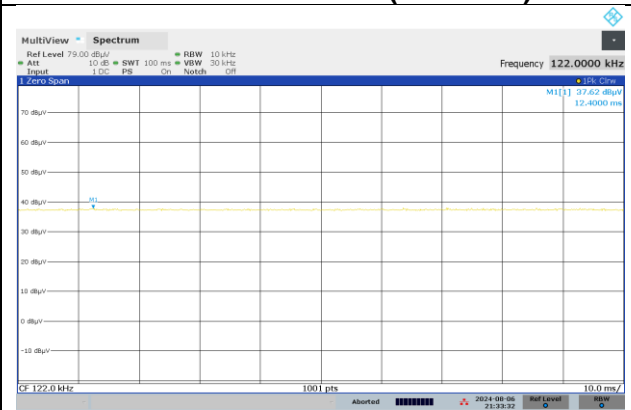
CONFIGURATION 2 (360kHz)



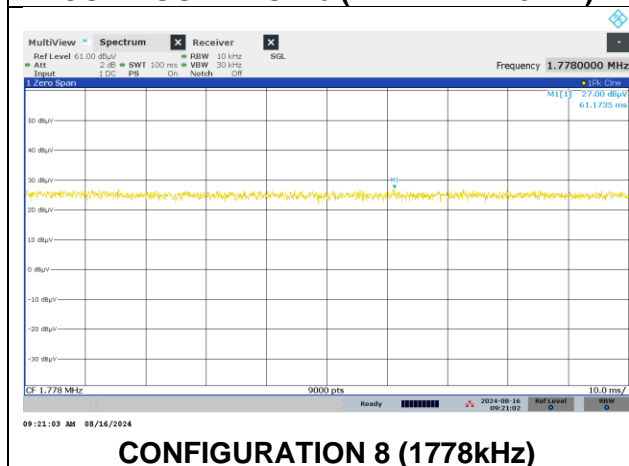
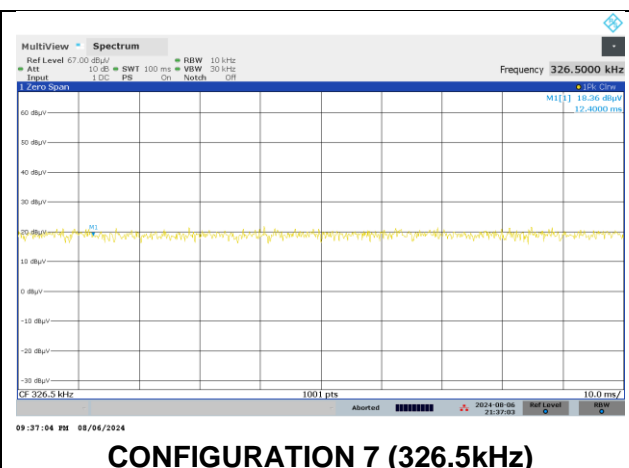
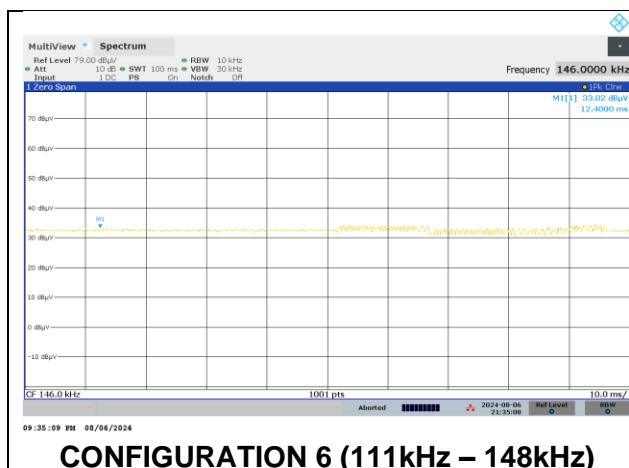
CONFIGURATION 3 (127.7kHz)



CONFIGURATION 4 (127.7kHz)



CONFIGURATION 5 (127.7kHz)



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## 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 radiofrequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of §2.1093 of this chapter.

Table 1 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 <sup>2</sup> )	Averaging time (minutes)
<b>(i) Limits for Occupational/Controlled Exposure</b>				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f <sup>2</sup> )	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
<b>(ii) Limits for General Population/Uncontrolled Exposure</b>				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f <sup>2</sup> )	<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 Wireless Power Transfer v04 section 3.2 : Accordingly, for § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively.

### RESULT

Test Engineer:	19210 AL	Test Date:	2024-08-05 TO 2024-08-15
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### 9.1.1. MAXIMUM RESULT SUMMARY

#### **CONFIGURATION 1: WPT ON STANDBY**

Coil#1 @ 127.7kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.404	0.07%	1.63	0.039	2.40%

Coil#3 @ 326.5kHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.416	0.07%	1.63	0.002	0.10%

#### **CONFIGURATION 2: OPERATING MODE WITH iPhone (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	1.480	0.24%	1.63	0.008	0.50%

#### **CONFIGURATION 3: OPERATING MODE WITH iPhone (127.7kHz)**

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	1.530	0.25%	1.63	0.070	4.29%

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

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	2.090	0.34%	1.63	0.070	4.29%

#### **CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)**

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	1.150	0.19%	1.63	0.300	18.40%

**CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)**

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.900	0.15%	1.63	0.300	18.40%

**CONFIGURATION 7: OPERATING MODE WITH Watch (326.5kHz)**

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614.00	0.850	0.14%	1.63	0.007	0.41%

**CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)**

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
463.44	1.310	0.28%	1.23	0.030	2.44%

**CONFIGURATION 9: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + iPhone (111-148kHz) + Legacy iWatch (326.5kHz)**

Coil#1

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	1.980	0.32%	1.63	0.090	5.52%

Coil#2

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	3.950	0.64%	1.63	0.220	13.50%

Coil#3

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.370	0.06%	1.63	0.020	1.23%

### 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: [Field Strength x  $\sqrt{\text{Duty Cycle}}$ ].

#### CONFIGURATION 1: WPT ON STANDBY

Coil#1

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading			
			(V/m)	(V/m)				(A/m)	(A/m)			
			FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
1	Standby	20	614	S1	1.230	9.08	0.371	1.63	S1	0.040	9.08	0.012
				S2	1.210		0.365		S2	0.030		0.009
				S3	0.890		0.268		S3	0.070		0.021
				S4	0.940		0.283		S4	0.030		0.009
				Top	1.340		0.404		Top	0.130		0.039
				Bottom	0.940		0.283		Bottom	0.060		0.018
				Max	1.340		0.404		Max	0.130		0.039

Coil#3

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit	Electric Field Reading				Magnetic Field Limit	Magnetic Field Reading			
			(V/m)	(V/m)				(A/m)	(A/m)			
			FCC Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
1	Standby	20	614	S1	0.830	9.78	0.260	1.63	S1	0.004	9.78	0.001
				S2	0.420		0.131		S2	0.005		0.002
				S3	0.820		0.256		S3	0.005		0.002
				S4	1.330		0.416		S4	0.004		0.001
				Top	0.390		0.122		Top	0.005		0.001
				Bottom	0.470		0.147		Bottom	0.004		0.001
				Max	1.330		0.416		Max	0.005		0.002

#### 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	Charging	20	614	S1	1.450	100	1.450	1.63	S1	0.007	100	0.007
				S2	0.850		0.850		S2	0.003		0.003
				S3	0.600		0.600		S3	0.003		0.003
				S4	1.480		1.480		S4	0.008		0.008
				Top	1.400		1.400		Top	0.006		0.006
				Bottom	0.780		0.780		Bottom	0.005		0.005
				Max	1.480		1.480		Max	0.008		0.008

#### 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	Charging	20	614	S1	1.530	100	1.530	1.63	S1	0.070	100	0.070
				S2	0.870		0.870		S2	0.020		0.020
				S3	0.680		0.680		S3	0.030		0.030
				S4	0.800		0.800		S4	0.020		0.020
				Top	0.990		0.990		Top	0.030		0.030
				Bottom	0.790		0.790		Bottom	0.020		0.020
				Max	1.530		1.530		Max	0.070		0.070



**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
4	Charging	20	614	S1	1.060	100	1.060	1.63	S1	0.020	100	0.020
				S2	1.110		1.110		S2	0.030		0.030
				S3	0.580		0.580		S3	0.020		0.020
				S4	0.810		0.810		S4	0.030		0.030
				Top	2.090		2.090		Top	0.070		0.070
				Bottom	0.510		0.510		Bottom	0.030		0.030
				Max	2.090		2.090		Max	0.070		0.070

**CONFIGURATION 5: OPERATING MODE WITH iPhone (111-148kHz)**

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	Charging	20	614	S1	0.630	100	0.630	1.63	S1	0.040	100	0.040
				S2	0.750		0.750		S2	0.030		0.030
				S3	0.650		0.650		S3	0.300		0.300
				S4	0.740		0.740		S4	0.040		0.040
				Top	1.150		1.150		Top	0.300		0.300
				Bottom	0.820		0.820		Bottom	0.030		0.030
				Max	1.150		1.150		Max	0.300		0.300

**CONFIGURATION 6: OPERATING MODE WITH AirPods Pro Case (111-148kHz)**

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
6	Charging	20	614	S1	0.670	100	0.670	1.63	S1	0.020	100	0.020
				S2	0.490		0.490		S2	0.010		0.010
				S3	0.660		0.660		S3	0.030		0.030
				S4	0.650		0.650		S4	0.030		0.030
				Top	0.900		0.900		Top	0.280		0.280
				Bottom	0.770		0.770		Bottom	0.010		0.010
				Max	0.900		0.900		Max	0.300		0.300

**CONFIGURATION 7: OPERATING MODE WITH 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
7	Charging	20	614	S1	0.280	100	0.280	1.63	S1	0.007	100	0.007
				S2	0.370		0.370		S2	0.004		0.004
				S3	0.850		0.850		S3	0.004		0.004
				S4	0.580		0.580		S4	0.004		0.004
				Top	0.440		0.440		Top	0.005		0.005
				Bottom	0.280		0.280		Bottom	0.003		0.003
				Max	0.850		0.850		Max	0.007		0.007

### CONFIGURATION 8: OPERATING MODE WITH Watch (1.778MHz)

**NOTE:** Configuration 8 that is charging watch at 1.778MHz , the 1.778MHz signal is not noticeable at 20cm, thus probe is placed at 10cm as worse-case to see the signal. Configuration 9 coil#3 is using 326.5kHz legacy watch that tested at 20cm as worse-case.

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading				Magnetic Field Limit (A/m)	Magnetic Field Reading			
				(V/m)					(A/m)			
			FCC	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
8	Charging	10	463.44	S1	0.410	100	0.410	1.23	S1	0.008	100	0.008
				S2	0.530		0.530		S2	0.010		0.010
				S3	0.120		0.120		S3	0.003		0.003
				S4	0.840		0.840		S4	0.030		0.030
				Top	1.310		1.310		Top	0.010		0.010
				Bottom	0.100		0.100		Bottom	0.002		0.002
				Max	1.310		1.310		Max	0.030		0.030

### CONFIGURATION 9: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + iPhone (111-148kHz) + Legacy Watch (326.5kHz)

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
9	Charging	20	614	S1	1.470	100	1.470	1.63	S1	0.030	100	0.030
				S2	1.370		1.370		S2	0.020		0.020
				S3	1.160		1.160		S3	0.040		0.040
				S4	1.940		1.940		S4	0.040		0.040
				Top	1.980		1.980		Top	0.090		0.090
				Bottom	0.770		0.770		Bottom	0.040		0.040
				Max	1.980		1.980		Max	0.090		0.090

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
9	Charging	20	614	S1	0.420	100	0.420	1.63	S1	0.100	100	0.100
				S2	0.650		0.650		S2	0.070		0.070
				S3	0.990		0.990		S3	0.100		0.100
				S4	0.840		0.840		S4	0.060		0.060
				Top	3.950		3.950		Top	0.220		0.220
				Bottom	0.370		0.370		Bottom	0.050		0.050
				Max	1.010		1.010		Max	0.220		0.220

Coil#3

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
9	Charging	20	614	S1	0.200	100	0.200	1.63	S1	0.006	100	0.006
				S2	0.250		0.250		S2	0.006		0.006
				S3	0.220		0.220		S3	0.005		0.005
				S4	0.370		0.370		S4	0.020		0.020
				Top	0.360		0.360		Top	0.005		0.005
				Bottom	0.220		0.220		Bottom	0.020		0.020
				Max	0.370		0.370		Max	0.020		0.020

## **10. RF EXPOSURE TEST SETUP AND SETUP PHOTO**

Refer to 15365975-EP1 (FCC ) for description of test up and setup photos.

# **END OF REPORT**