

# TEST REPORT

**Report Number. :** 15010475-E2V3

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

**Model :** WIZ023

**FCC ID :** K7SWIZ023

**EUT Description :** BoostCharge Pro 3-in-1 Magnetic Charging Stand

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

**Date Of Issue:**  
2024-02-22

**Prepared by:**  
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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2024-02-06	Initial Issue	Chin Pang
V2	2024-02-14	Updated typo on page 17 and 21	Chin Pang
V3	2024-02-22	Revised Section 1, Section 5, Section 6.1, Section 6.3, Section 9.1.1 and 9.1.2 configuration 9	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 Magnetic Charging Stand

**MODEL NUMBER:** WIZ023

**BRAND:** belkin

**SERIAL NUMBER:** Unit #3

**SAMPLE RECEIPT DATE:** 2023-12-20

**DATE TESTED:** 2024-01-09 TO 2024-01-25 AND 2024-02-22

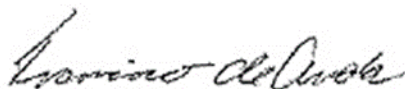
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 1 SUBPART I & PART 2 SUBPART J	Complies

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:



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Prepared By:



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Consumer Technology Division  
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## 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 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)	+/-0.04284 (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) 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: 15.34+13.50+15.02=43.85%
(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		
	360kHz (New iPhone)	127.7kHz (Legacy iPhone/standby)	127.7kHz (AirPods Charging Case)	111kHz to 148kHz (Legacy iPhone/standby)	111kHz to 148kHz (AirPods Charging Case)	326.5kHz (Legacy Apple Watch/standby)	1.778MHz (New Apple Watch)	
1		0.74%		1.17%		0.98%		2.88%
2	1.53%							1.53%
3		14.11%						14.11%
4			3.68%					3.68%
5				13.50%				13.50%
6					6.13%			6.13%
7						2.45%		2.45%
8							15.02%	15.02%
9		15.34%		5.52%		3.37%		24.23%
Worst-case	1.53%	15.34%	3.68%	13.50%	6.13%	3.37%	15.02%	43.85%
	0.012A/m	0.25A/m	0.06A/m	0.22 A/m	0.1A/m	0.055A/m	0.185A/m	



## 6. EQUIPMENT UNDER TEST

### 6.1. DESCRIPTION OF EUT

The EUT is a 3-in-1 wireless charging stand containing an adjustable angle Qi2 MPP/BPP 15W module, Qi BPP 5W pad, and an Apple Watch module. This wireless charger has three separate charging coils that 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), and 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 36W USB-C AC/DC adapter. The wireless charging stand is hardwired on the EUT end and receives power through USB-C on the power supply end.

### 6.2. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was:

Coil#1: 360kHz/127.7kHz: V0.26  
Coil#2: 111 to 148kHz: V0.01  
Coil#3: 326.5kHz /1.778MHz: V2.0.3

### 6.3. WORST-CASE CONFIGURATION AND MODE

Testing for MagSafe iPhone14, watches and AirPods Pro case are based on direct contact with no shifts in position due to the embedded magnets around the wireless charging coils.

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

The following configurations were tested:

Config	Descriptions	Frequency	Client and worst-case orientation
1	EUT stand alone, standby, powered by AC/DC adapter.	@ 111kHz to 148kHz @ 326.5kHz  360kHz, 1.778MHz were not observed.	None. Standby.
2	Direct contact during charging/operating between the EUT & WPT Client, EUT is powered by AC/DC adapter.	@ 360kHz	1 <sup>st</sup> coil: MagSafe iPhone14. 0 degrees when the lighting connector facing down. Charging pad tilted down..
3		@ 127.7kHz	1 <sup>st</sup> coil: Legacy iPhone. 90 degrees when the lighting connector is 90 degrees away from stand to the left. Charging pad as center position.
4		@ 127.7kHz	1 <sup>st</sup> coil: AirPods Pro Case. 90 degrees when the lighting connector is 90 degrees. Charging pad as center position.
5		@ 111kHz to 148kHz	2 <sup>nd</sup> coil: Legacy iPhone. 180 degrees when the lighting connector is 90 degrees away from stand to the left
6		@ 111kHz to 148kHz	2 <sup>nd</sup> coil: AirPods Pro Case. 0 degrees when the lighting connector is facing towards end user.
7		@ 326.5kHz	3 <sup>rd</sup> coil: Legacy Apple Watch. 0 degrees when the home button at 3 o'clock.
8		@ 1.778MHz	3 <sup>rd</sup> coil: New Apple Watch . 0 degrees when the home button at 3 o'clock.
9		@ 127.7kHz @ 111kHz to 148kHz @ 326.5kHz	1 <sup>st</sup> coil: Legacy iPhone. 0 degrees when the lighting connector facing down. Charging pad tilted down. 2 <sup>nd</sup> Legacy iPhone. 180 degrees when the lighting connector is 90 degrees away from stand to the left 3 <sup>rd</sup> coil: Legacy iWatch. 0 degrees when the 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	235867	2024-08-31	2023-08-31
Thermometer - Digital	Control Company	14-650-118	170361	2024-02-29	2023-02-29

## 8. DUTY CYCLE

### LIMITS

None; for reporting purposes only.

### PROCEDURE

Zero-Span Spectrum Analyzer Method.

### ON TIME AND DUTY CYCLE RESULTS

Test Engineer:	29435 TC
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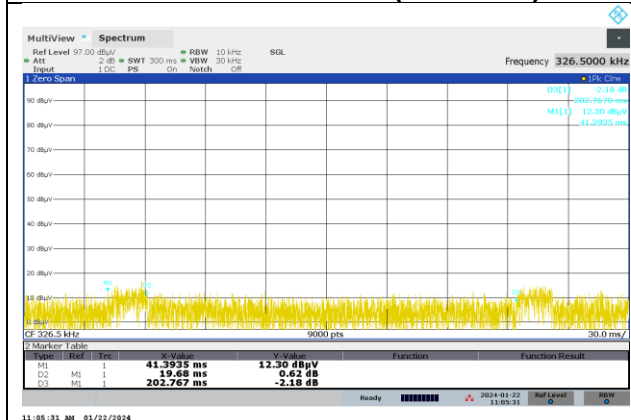
Configuration	Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	127.7	156.53	1735.48	0.09	9.02	10.45
1	145.424	61.46	1124.90	0.05	5.46	12.63
1	326.5	19.68	202.77	0.10	9.71	10.13
2	360	100.00	100.00	1.00	100.00	0.00
3	127.7	100.00	100.00	1.00	100.00	0.00
4	127.7	100.00	100.00	1.00	100.00	0.00
5	127.7	100.00	100.00	1.00	100.00	0.00
6	147	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



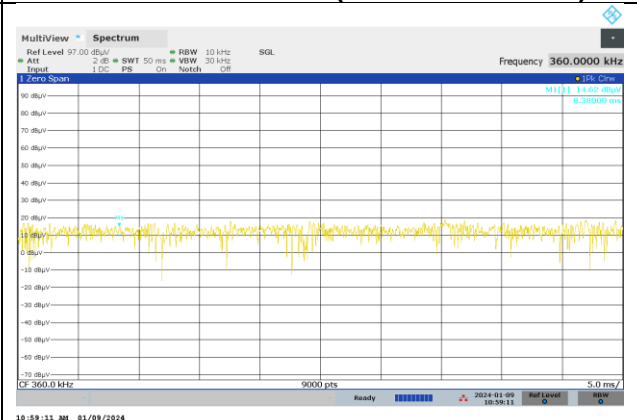
**CONFIGURATION 1 (127.7kHz)**



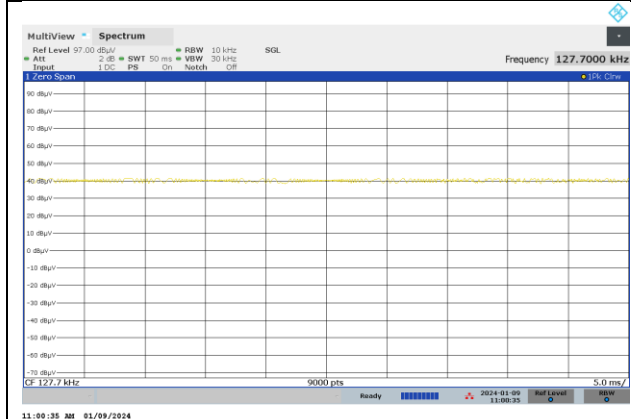
**CONFIGURATION 1 (111kHz – 148kHz)**



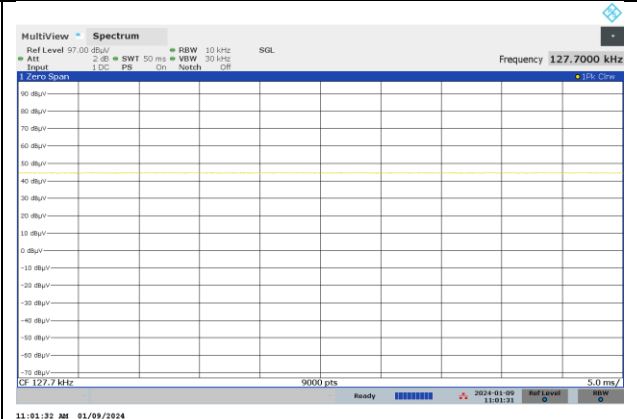
**CONFIGURATION 1 (326.5kHz)**



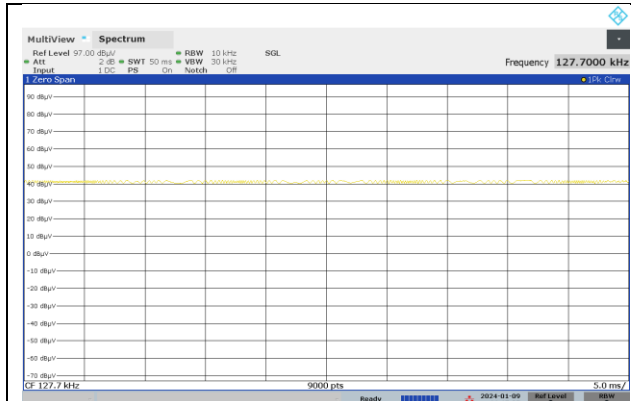
**CONFIGURATION 2 (360kHz)**



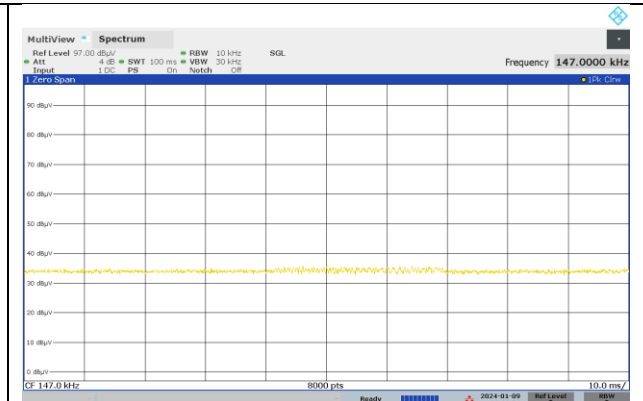
**CONFIGURATION 3 (127.7kHz)**



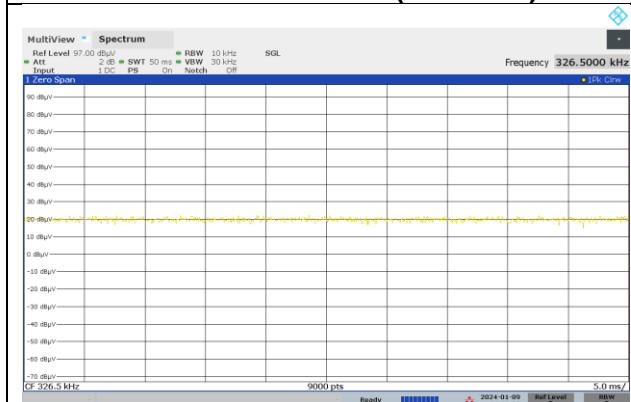
**CONFIGURATION 4 (127.7kHz)**



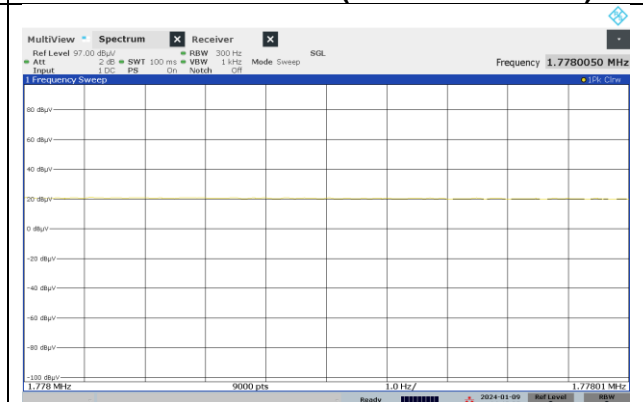
**CONFIGURATION 5 (127.7kHz)**



**CONFIGURATION 6 (111kHz – 148kHz)**



**CONFIGURATION 7 (326.5kHz)**



**CONFIGURATION 8 (1778kHz)**

## 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 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:	2024-01-22 TO 2024-02-22
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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	0.168	0.03%	1.63	0.012	0.74%

Coil#2 @ 146.93KHz

Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.114	0.02%	1.63	0.019	1.17%

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	0.112	0.02%	1.63	0.016	0.98%

#### **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	1.680	0.27%	1.63	0.025	1.53%

#### **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	3.680	0.60%	1.63	0.230	14.11%

#### **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	0.770	0.13%	1.63	0.060	3.68%



**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	2.100	0.34%	1.63	0.220	13.50%

**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	1.470	0.24%	1.63	0.100	6.13%

**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	0.360	0.06%	1.63	0.040	2.45%

**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	0.185	0.04%	1.23	0.185	15.02%

**CONFIGURATION 9: OPERATING MODE WITH Legacy iPhone (127.7kHz) + Legacy 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	4.510	0.73%	1.63	0.250	15.34%

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	1.490	0.24%	1.63	0.090	5.52%

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	0.380	0.06%	1.63	0.055	3.37%

### 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														
FCC Limit @127.7kHz														
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	0.340	9.0	9.0	0.102	1.63	S1	0.040	9.0	9.0	0.012
				S2	0.560			0.168		S2	0.030			0.009
				S3	0.340			0.102		S3	0.020			0.006
				S4	0.350			0.105		S4	0.020			0.006
				Top	0.170			0.051		Top	0.020			0.006
				Bottom	0.170			0.051		Bottom	0.020			0.006
				Max	0.560			0.168		Max	0.040			0.012

Coil#2														
FCC Limit @111-148kHz														
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	0.180	5.5	5.5	0.042	1.63	S1	0.010	5.5	5.5	0.002
				S2	0.490			0.114		S2	0.020			0.005
				S3	0.180			0.042		S3	0.020			0.005
				S4	0.340			0.079		S4	0.020			0.005
				Top	0.450			0.105		Top	0.080			0.019
				Bottom	0.250			0.058		Bottom	0.020			0.005
				Max	0.490			0.114		Max	0.080			0.019

Coil#3														
FCC Limit @326.5kHz														
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	0.250	9.7	9.7	0.078	1.63	S1	0.020	9.7	9.7	0.006
				S2	0.280			0.087		S2	0.020			0.006
				S3	0.180			0.056		S3	0.020			0.006
				S4	0.360			0.112		S4	0.020			0.006
				Top	0.310			0.097		Top	0.050			0.016
				Bottom	0.300			0.093		Bottom	0.040			0.012
				Max	0.360			0.112		Max	0.050			0.016

**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
2	Charging	20	614	S1	1.680	100	1.680	1.63	S1	0.025	100	0.025
				S2	0.530				S2	0.020		
				S3	0.300				S3	0.020		
				S4	0.290				S4	0.020		
				Top	0.170				Top	0.010		
				Bottom	0.420				Bottom	0.020		
				Max	1.680				Max	0.025		

**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
3	Charging	20	614	S1	0.540	100	3.680	1.63	S1	0.230	100	0.230
				S2	0.590				S2	0.040		
				S3	0.950				S3	0.100		
				S4	0.740				S4	0.040		
				Top	3.680				Top	0.030		
				Bottom	1.420				Bottom	0.050		
				Max	3.680				Max	0.230		

**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	0.370	100	0.770	1.63	S1	0.060	100	0.060
				S2	0.380				S2	0.040		
				S3	0.640				S3	0.030		
				S4	0.760				S4	0.050		
				Top	0.770				Top	0.050		
				Bottom	0.260				Bottom	0.040		
				Max	0.770				Max	0.060		

**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 %
5	Charging	20	614	S1	0.430	100	100	1.63	S1	0.020	100	100	0.020
				S2	0.580				S2	0.030			0.030
				S3	0.980				S3	0.050			0.050
				S4	0.760				S4	0.050			0.050
				Top	0.690				Top	0.220			0.220
				Bottom	2.100				Bottom	0.040			0.040
				Max	2.100				Max	0.220			0.220

**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 %
6	Charging	20	614	S1	1.070	100	100	1.63	S1	0.040	100	100	0.040
				S2	0.340				S2	0.030			0.030
				S3	1.330				S3	0.040			0.040
				S4	1.470				S4	0.050			0.050
				Top	0.390				Top	0.100			0.100
				Bottom	0.480				Bottom	0.030			0.030
				Max	1.470				Max	0.100			0.100

**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	Duty Cycle %
7	Charging	20	614	S1	0.230	100	100	1.63	S1	0.020	100	100	0.020
				S2	0.190				S2	0.020			0.020
				S3	0.280				S3	0.040			0.040
				S4	0.170				S4	0.020			0.020
				Top	0.170				Top	0.020			0.020
				Bottom	0.360				Bottom	0.020			0.020
				Max	0.360				Max	0.040			0.040

**CONFIGURATION 8: OPERATING MODE WITH 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	Duty Cycle %	FCC Average	
8	Charging	20	463.44	S1	0.140	100	0.170	0.140	1.23	S1	0.030	100	0.030		
				S2	0.120					0.120	S2			0.040	0.040
				S3	0.100					0.100	S3			0.030	0.030
				S4	0.170					0.170	S4			0.020	0.020
				Top	0.185					0.185	Top			0.185	0.185
				Bottom	0.180					0.180	Bottom			0.180	0.180
				Max	0.185					0.185	Max			0.185	0.185

**CONFIGURATION 9: OPERATING MODE WITH Legacy iPhone (127.7KHz) + Legacy iPhone (111-148kHz) + Legacy iWatch (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	Duty Cycle %	FCC Average	
9	Charging	20	614	S1	1.360	100	2.230	1.360	1.63	S1	0.250	100	0.250		
				S2	0.830					0.830	S2			0.045	0.045
				S3	3.210					3.210	S3			0.115	0.115
				S4	2.230					2.230	S4			0.050	0.050
				Top	1.300					1.300	Top			0.050	0.050
				Bottom	4.510					4.510	Bottom			0.060	0.060
				Max	4.510					4.510	Max			0.250	0.250

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	
9	Charging	20	614	S1	0.580	100	0.690	0.580	1.63	S1	0.050	100	0.050		
				S2	0.760					0.760	S2			0.050	0.050
				S3	0.700					0.700	S3			0.040	0.040
				S4	0.690					0.690	S4			0.090	0.090
				Top	1.490					1.490	Top			0.060	0.060
				Bottom	1.290					1.290	Bottom			0.030	0.030
				Max	1.490					1.490	Max			0.090	0.090

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	Duty Cycle %	FCC Average	
9	Charging	20	614	S1	0.250	100	0.370	0.250	1.63	S1	0.035	100	0.035		
				S2	0.370					0.370	S2			0.035	0.035
				S3	0.380					0.380	S3			0.055	0.055
				S4	0.270					0.270	S4			0.038	0.038
				Top	0.320					0.320	Top			0.038	0.038
				Bottom	0.370					0.370	Bottom			0.035	0.035
				Max	0.380					0.380	Max			0.055	0.055

## 10. RF EXPOSURE TEST SETUP AND SETUP PHOTO

Please see description of RF exposure test up and setup photo report 15010475-EP1

**END OF REPORT**