

TEST REPORT

Report Number. : 15259435-E2V1

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

Model : WIZ024

FCC ID : K7SWIZ024

EUT Description : BoostCharge Pro 3-in-1 Magnetic Charging Travel Pad

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

Date Of Issue:
2024-08-21

Prepared by:
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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2024-08-21	Initial Issue	---

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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 Travel Pad

MODEL NUMBER: WIZ024

BRAND: belkin

SERIAL NUMBER: Proto 1

SAMPLE RECEIPT DATE: 2024-07-09

DATE TESTED: 2024-07-16 TO 2024-07-18

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
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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
☐	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☐	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. 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: 6.13+19.63+1.84=27.61% 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

Table 1

The worst case leakage of H-field strength from all simultaneous transmitting coils								Total H field of each configuration
	1st Coil			2nd Coil		3rd Coil		
Frequency / coil	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/standby)	1.778MHz (New Apple Watch)	
Test Config								
1		2.86%				0.19%		3.05%
2	0.33%							0.33%
3		1.23%						1.23%
4			3.07%					3.07%
5				3.68%				3.68%
6					19.63%			19.63%
7						1.84%		1.84%
8							0.32%	0.32%
9			6.13%		18.40%	1.84%		26.38%
Worst-case (A/m)	0.33%	2.86%	6.13%	3.68%	19.63%	1.84%	0.32%	27.61%
	0.005	0.047	0.100	0.060	0.320	0.030	0.004	

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The EUT, BoostCharge Pro 3-in-1 Magnetic Charging Travel Pad, is a three-coil wireless charger containing a Qi2 MPP/BPP 15W module, a 5W BPP coil, and an adjustable angle Apple Watch charging module. The EUT can inductively 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 for charging a Qi BPP compatible device at 111-148kHz (5W Max). The third coil is used for charging an Apple Watch at 326.5kHz or 1.778MHz (5W Max).

The EUT receives power through a USB-C to USB-C cable connected to a bundled 36W USB-C PD AC/DC adapter.

6.2. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was:

Coil#1: 360kHz/127.7kHz: V0.30

Coil#2: 111 to 148kHz: V3.01

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 foldable, the coil 3 watch charging pad can be upright or flatbed positions. Configuration 9 was tested as the worst-case combination. 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. EUT is unfolded. 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 st coil: iPhone14. Lighting connector at 6 o'clock. EUT is unfolded.
3		@127.7kHz	1 st coil: Legacy iPhone. Lighting connector at 9 o'clock. EUT is unfolded.
4		@127.7kHz	1 st coil: AirPods Pro Case. USB-C connector at 6 o'clock. EUT is unfolded.
5		@111kHz to 148kHz	2 nd coil: Legacy iPhone. Lighting connector at 3 o'clock. EUT is unfolded.
6		@111kHz to 148kHz	2 nd coil: AirPods Pro Case. USB-C connector at 6 o'clock. EUT is unfolded.
7		@326.5kHz	3 rd coil: Legacy Apple Watch. Home button at 9 o'clock. EUT is unfolded. Charging pad is at upright position.
8		@1.778MHz	3 rd coil: New Apple Watch. Home button at 6 o'clock. EUT is unfolded. Charging pad is at upright position.
9		@127.7kHz @111kHz to 148kHz @ 326.5KHz	1 st coil: AirPods Pro Case. USB-C connector at 6 o'clock. EUT is unfolded. 2 nd coil: AirPods Pro Case. USB-C connector at 6 o'clock. EUT is unfolded. 3 rd coil: Legacy Apple Watch. Home button at 9 o'clock. EUT is unfolded. Charging pad is at upright position.

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

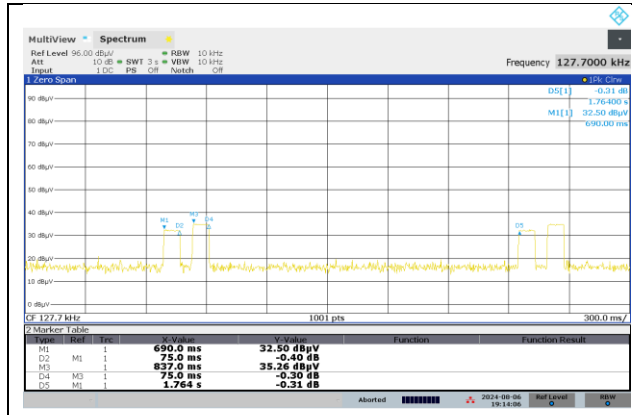
Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Test Engineer:	32933 LM
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Configuration	Frequency (kHz)	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	127.7	150.00	1764.00	0.09	8.50	10.70
1	326.5	17.40	178.80	0.10	9.73	10.12
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

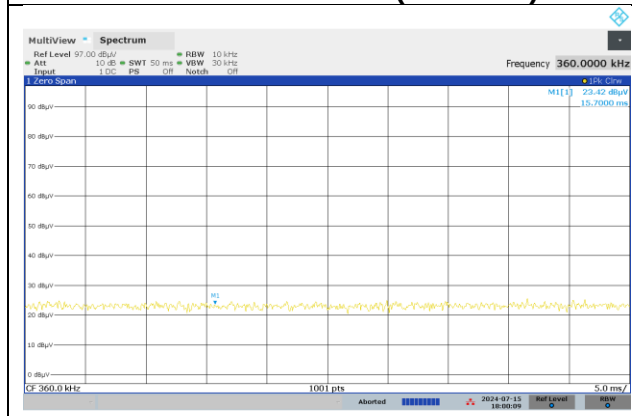
Configuration 1, Coil#2: N/A. No noticeable intended radiator



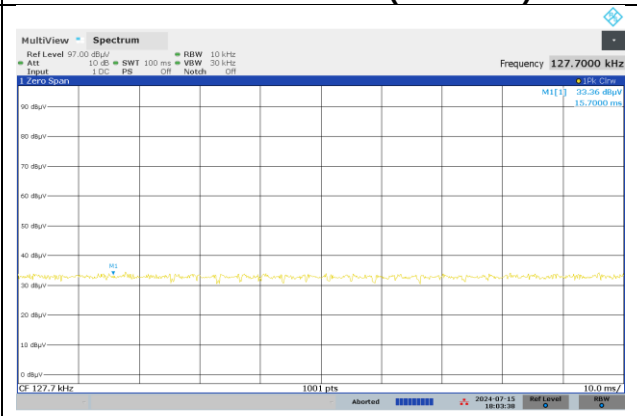
CONFIGURATION 1 (127.7kHz)



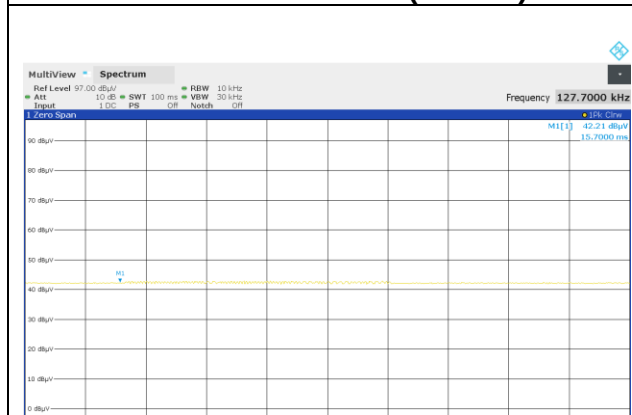
CONFIGURATION 1 (326.5kHz)



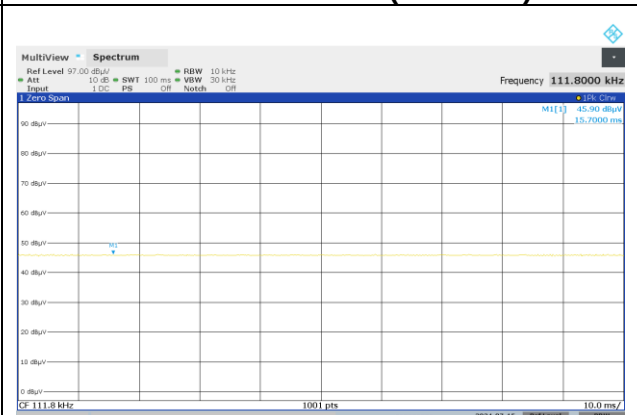
CONFIGURATION 2 (360kHz)



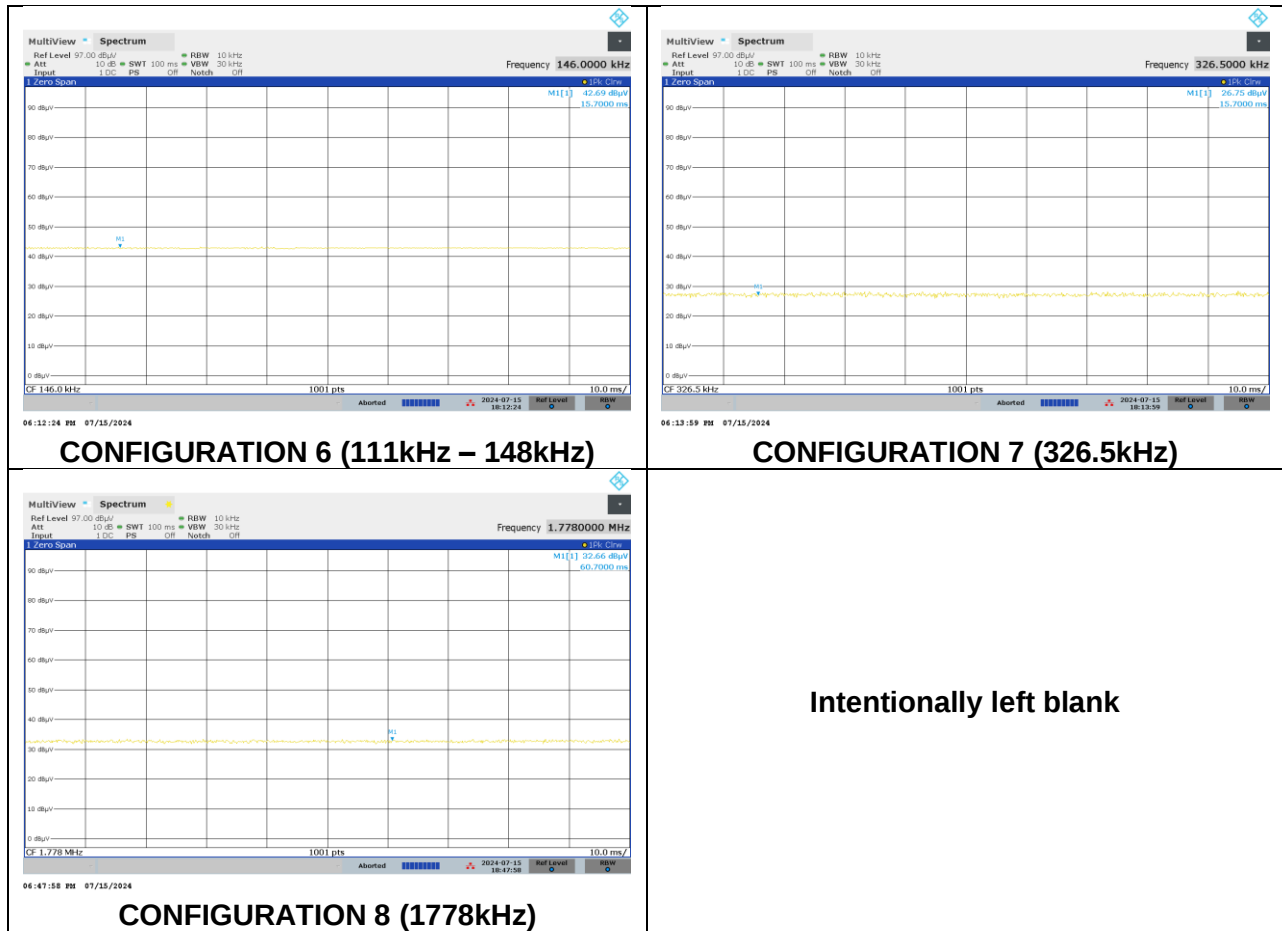
CONFIGURATION 3 (127.7kHz)



CONFIGURATION 4 (127.7kHz)



CONFIGURATION 5 (111kHz - 148kHz)



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 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 v04, 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:	19210, AL	Test Date:	2024-07-16 TO 2024-07-18
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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	0.988	0.16%	1.63	0.047	2.86%

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	1.104	0.18%	1.63	0.003	0.19%

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	1.550	0.25%	1.63	0.005	0.33%

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	1.820	0.30%	1.63	0.020	1.23%

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	1.650	0.27%	1.63	0.050	3.07%

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	1.820	0.30%	1.63	0.060	3.68%

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	1.490	0.24%	1.63	0.320	19.63%

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	1.610	0.26%	1.63	0.030	1.84%

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	0.220	0.05%	1.23	0.004	0.32%

CONFIGURATION 9: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + AirPods Pro Case (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	1.320	0.21%	1.63	0.100	6.13%

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	1.280	0.21%	1.63	0.300	18.40%

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	3.080	0.50%	1.63	0.030	1.84%

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	1.400	8.5	0.408	1.63	S1	0.060	8.5	0.017
				S2	2.600		0.758		S2	0.070		0.020
				S3	3.010		0.878		S3	0.030		0.009
				S4	1.290		0.376		S4	0.060		0.017
				Top	3.030		0.883		Top	0.130		0.038
				Bottom	3.390		0.988		Bottom	0.160		0.047
				Max	3.390		0.988		Max	0.160		0.047

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	1.000	9.73	0.312	1.63	S1	0.004	9.73	0.001
				S2	0.600		0.187		S2	0.004		0.001
				S3	0.580		0.181		S3	0.003		0.001
				S4	0.410		0.128		S4	0.003		0.001
				Top	1.560		0.487		Top	0.010		0.003
				Bottom	3.540		1.104		Bottom	0.010		0.003
				Max	3.540		1.104		Max	0.010		0.003

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	1.240	100	1.240	1.63	S1	0.005	100	0.005
				S2	0.610		0.610		S2	0.004		0.004
				S3	0.760		0.760		S3	0.003		0.003
				S4	1.550		1.550		S4	0.004		0.004
				Top	1.190		1.190		Top	0.003		0.003
				Bottom	0.740		0.740		Bottom	0.003		0.003
				Max	1.550		1.550		Max	0.005		0.005

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	1.820	100	1.820	1.63	S1	0.010	100	0.010
				S2	0.530		0.530		S2	0.005		0.005
				S3	0.950		0.950		S3	0.007		0.007
				S4	1.430		1.430		S4	0.010		0.010
				Top	1.600		1.600		Top	0.020		0.020
				Bottom	1.050		1.050		Bottom	0.020		0.020
				Max	1.820		1.820		Max	0.020		0.020

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	Charging	20	614	S1	0.950	100	0.950	1.63	S1	0.030	100	0.030
				S2	0.710		0.710		S2	0.030		0.030
				S3	0.750		0.750		S3	0.010		0.010
				S4	1.230		1.230		S4	0.020		0.020
				Top	1.650		1.650		Top	0.050		0.050
				Bottom	1.230		1.230		Bottom	0.030		0.030
				Max	1.650		1.650		Max	0.050		0.050

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	1.080	100	1.080	1.63	S1	0.020	100	0.020
				S2	1.820		1.820		S2	0.030		0.030
				S3	1.570		1.570		S3	0.040		0.040
				S4	0.780		0.780		S4	0.030		0.030
				Top	0.850		0.850		Top	0.050		0.050
				Bottom	1.540		1.540		Bottom	0.060		0.060
				Max	1.820		1.820		Max	0.060		0.060

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	1.490	100	1.490	1.63	S1	0.060	100	0.060
				S2	0.640		0.640		S2	0.060		0.060
				S3	0.690		0.690		S3	0.070		0.070
				S4	0.500		0.500		S4	0.010		0.010
				Top	1.260		1.260		Top	0.320		0.320
				Bottom	0.700		0.700		Bottom	0.160		0.160
				Max	1.490		1.490		Max	0.320		0.320

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 %	FCC Average
7	Charging	20	614	S1	1.240	100	1.240	1.63	S1	0.004	100	0.004
				S2	0.910		0.910		S2	0.030		0.030
				S3	0.850		0.850		S3	0.030		0.030
				S4	1.290		1.290		S4	0.004		0.004
				Top	0.970		0.970		Top	0.010		0.010
				Bottom	1.610		1.610		Bottom	0.003		0.003
				Max	1.610		1.610		Max	0.030		0.030

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)			
				Location	Peak	Duty Cycle %	FCC Average		Location	Peak	Duty Cycle %	FCC Average
8	Charging	20	463.44	S1	0.160	100	0.160	1.23	S1	0.003	100	0.003
				S2	0.110		0.110		S2	0.004		0.004
				S3	0.180		0.180		S3	0.004		0.004
				S4	0.011		0.011		S4	0.003		0.003
				Top	0.160		0.160		Top	0.003		0.003
				Bottom	0.220		0.220		Bottom	0.003		0.003
				Max	0.220		0.220		Max	0.004		0.004

CONFIGURATION 9: OPERATING MODE WITH AirPods Pro Case (127.7kHz) + AirPods Pro Case (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
9	Charging	20	614	S1	1.120	100	1.120	1.63	S1	0.010	100	0.010
				S2	0.880		0.880		S2	0.010		0.010
				S3	1.320		1.320		S3	0.020		0.020
				S4	1.010		1.010		S4	0.020		0.020
				Top	1.180		1.180		Top	0.100		0.100
				Bottom	1.210		1.210		Bottom	0.030		0.030
				Max	1.320		1.320		Max	0.100		0.100

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	1.280	100	1.280	1.63	S1	0.060	100	0.060
				S2	0.610		0.610		S2	0.060		0.060
				S3	0.900		0.900		S3	0.060		0.060
				S4	1.180		1.180		S4	0.020		0.020
				Top	1.020		1.020		Top	0.300		0.300
				Bottom	1.210		1.210		Bottom	0.230		0.230
				Max	1.280		1.280		Max	0.300		0.300

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	1.170	100	1.170	1.63	S1	0.005	100	0.005
				S2	1.160		1.160		S2	0.005		0.005
				S3	0.850		0.850		S3	0.004		0.004
				S4	0.880		0.880		S4	0.005		0.005
				Top	1.430		1.430		Top	0.010		0.010
				Bottom	3.080		3.080		Bottom	0.030		0.030
				Max	3.080		3.080		Max	0.030		0.030

10. RF EXPOSURE TEST SETUP AND SETUP PHOTO

Please see description of RF exposure test up and setup photo report 15259435-EP1 (FCC)

END OF REPORT