TEST REPORT

Report Number. : 15240874-E2V2

Applicant	:	BELKIN INTERNATIONAL, INC. 555 S. AVIATION BLVD., SUITE 180 EL SEGUNDO, CA 90245, USA
Model	:	WIZ029
FCC ID	:	K7SWIZ029
EUT Description	:	BoostCharge 3-in-1 Magnetic Wireless Charging Stand with Qi2
Test Standard(s)	:	FCC 47 CFR PART 1 SUBPART I FCC 47 CFR PART 2 SUBPART J

Date Of Issue:
2024-06-05

Prepared by:
UL Verification Services Inc.
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-05-31	Initial Issue	---
V2	2024-06-05	Revised section 6.3 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 3-in-1 Magnetic Wireless Charging Stand with Qi2

MODEL NUMBER: WIZ029

BRAND: belkin

SERIAL NUMBER: 7210269 (Unit#5)

SAMPLE RECEIPT DATE: 2024-05-03

DATE TESTED: 2024-05-14 TO 2024-05-30

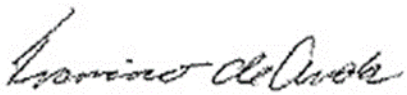
APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 1 SUBPART I & PART 2 SUBPART J	Complies

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.

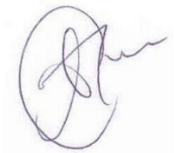
This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.

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
☐	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: 28.22+11.04+7.98=47.24%
(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								
	1st Coil			2nd Coil		3rd Coil		Total H field of each configuration
Frequency / coil Test Config	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/stanby)	1.778MHz (New Apple Watch)	
1				3.76%		0.38%		4.13%
2	4.29%							4.29%
3		15.34%						15.34%
4			28.22%					28.22%
5				9.82%				9.82%
6					9.82%			9.82%
7						7.98%		7.98%
8							0.66%	0.66%
9			11.04%		11.04%	1.84%		23.93%
Worst-case (A/m)	**4.29%**	**15.34%**	**28.22%**	**9.82%**	**11.04%**	**7.98%**	**0.66%**	**47.24%**
	0.07	0.25	0.46	0.16	0.18	0.13	0.008	

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The EUT, BoostCharge 3-in-1 Magnetic Wireless Charging Stand with Qi2, is a 3-in-1 wireless charging pad containing an adjustable foldable Qi2 MPP/BPP 15W module, a Qi BPP 5W pad, and an Apple Watch charging module. The EUT has three separate charging coils that 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 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 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: V1.8
Coil#2: 111 to 148kHz: V0.3
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 coil 1 and coil 2 charging pad can be upright or flatbed positions, investigations have been performed on upright and flatbed positions. Configuration 9 set for test was the worst-case combination. 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 127.7kHz, 360kHz and 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	1st coil: MagSafe iPhone14. 180 degrees when the lighting connector facing up. Charging pad upright.
3		@127.7kHz	1st coil: Legacy iPhone. 0 degrees when the lighting connector is facing down. Charging pad is flat.
4		@127.7kHz	1st coil: AirPods Pro Case. 270 degrees when the lighting connector is facing to the left. Charging pad upright
5		@111kHz to 148kHz	2nd coil: Legacy iPhone. None, only one configuration.
6		@111kHz to 148kHz	2nd coil: AirPods Pro Case. 0 degrees when the lighting connector is facing towards end user
7		@326.5kHz	3rd coil: Legacy Apple Watch. 360 degrees when the home button at 12 o'clock. Coil is upright.
8		@1.778MHz	3rd coil: New Apple Watch . 0 degrees when the home button at 3 o'clock. Coil is upright.
9		@127.7kHz @111kHz to 148kHz @ 326.5KHz	1st coil: AirPods Pro Case. 270 degrees when the lighting connector is facing to the left. Charging pad upright 2nd AirPods Pro Case. 0 degrees when the lighting connector is facing towards end user 3rd coil: Legacy Apple Watch. 360 degrees when the home button at 12 o'clock. Coil is upright.

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	2023-08-11
Thermometer - Digital	Control Company	14-650-118	168573	2024-05-31	2023-05-24

8. DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

Zero-Span Spectrum Analyzer Method.

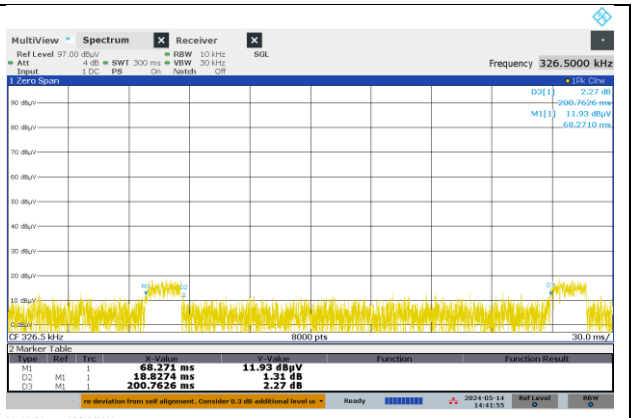
ON TIME AND DUTY CYCLE RESULTS

Test Engineer:	20756, CW

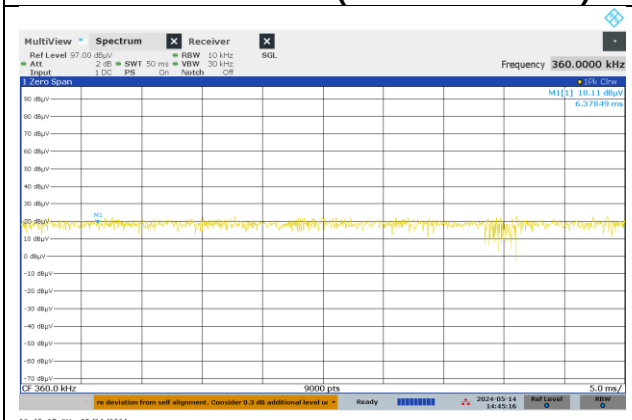
Configuration	Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	111-148	66.85	1204.74	0.06	5.55	12.56
1	326.5	18.83	200.76	0.09	9.38	10.28
2	360	100.00	100.00	1.00	100.00	0.00
3	127.7	100.00	100.00	1.00	100.00	0.00
4	127.7	100.00	100.00	1.00	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#1: N/A. No noticeable intended radiator

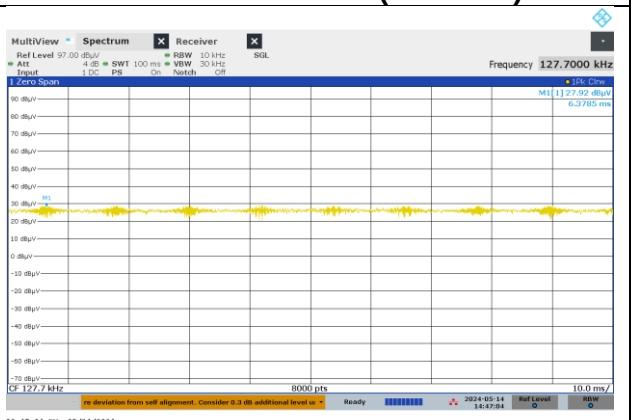
CONFIGURATION 1 (111kHz – 148kHz)



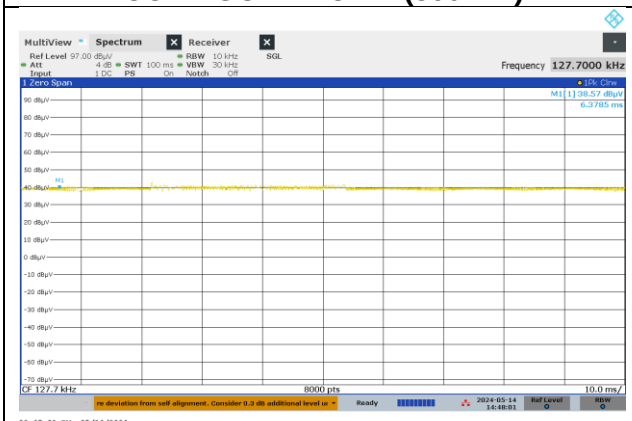
CONFIGURATION 1 (326.5kHz)



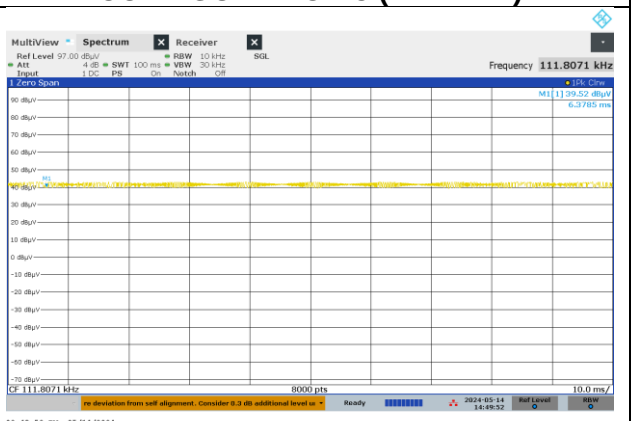
CONFIGURATION 2 (360kHz)



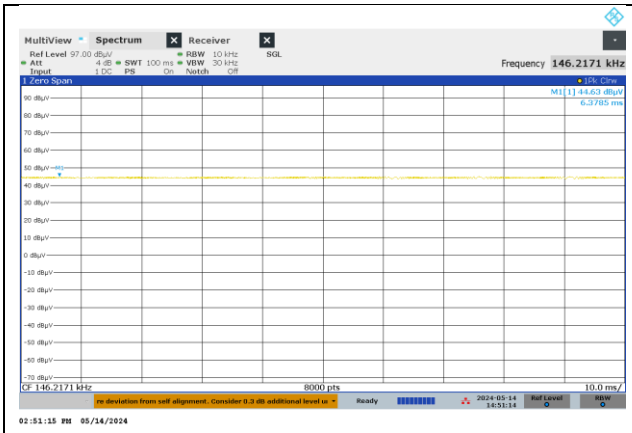
CONFIGURATION 3 (127.7kHz)



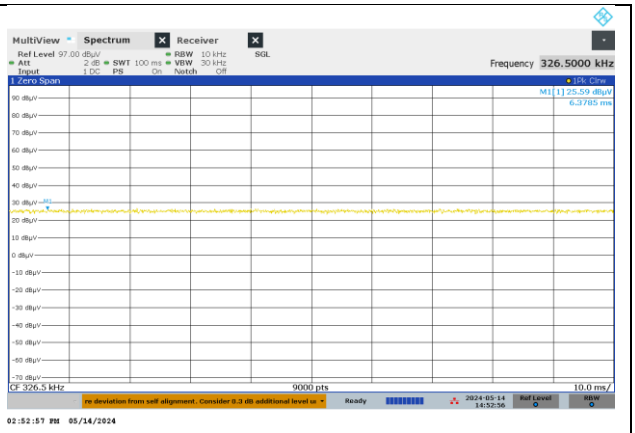
CONFIGURATION 4 (127.7kHz)



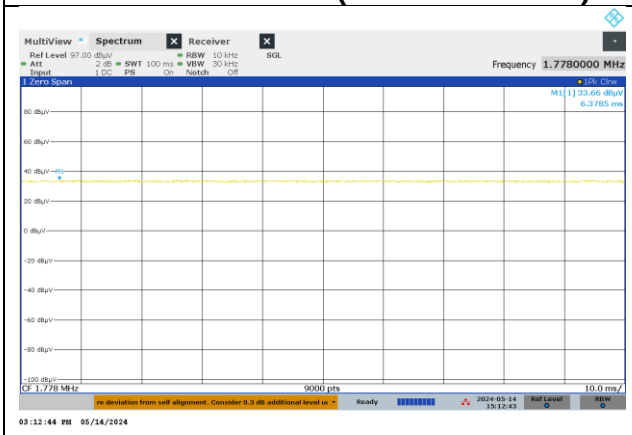
CONFIGURATION 5 (127.7kHz)



CONFIGURATION 6 (111kHz – 148kHz)



CONFIGURATION 7 (326.5kHz)



CONFIGURATION 8 (1778kHz)

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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^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:	27957, CC	Test Date:	2024-05-15 TO 2024-05-30

9.1.1. MAXIMUM RESULT SUMMARY

CONFIGURATION 1: WPT ON STANDBY

Coil#2 @ 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	3.110	0.51%	1.63	0.061	3.76%

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	0.799	0.13%	1.63	0.006	0.38%

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	0.980	0.16%	1.63	0.070	4.29%

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	24.500	3.99%	1.63	0.250	15.34%

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	20.500	3.34%	1.63	0.460	28.22%

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	4.600	0.75%	1.63	0.160	9.82%

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	20.200	3.29%	1.63	0.160	9.82%

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	2.230	0.36%	1.63	0.130	7.98%

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	0.270	0.06%	1.23	0.008	0.66%

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	22.800	3.71%	1.63	0.180	11.04%

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	15.900	2.59%	1.63	0.180	11.04%

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	2.570	0.42%	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 √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	20	614	S1	5.460	5.55	1.286	1.63	S1	0.008	5.55	0.002
				S2	7.950		1.873		S2	0.009		0.002
				S3	6.910		1.628		S3	0.080		0.019
				S4	13.200		**3.110**		S4	0.040		0.009
				Top	5.510		1.298		Top	0.260		**0.061**
				Bottom	4.140		0.975		Bottom	0.170		0.040
				Max	13.200		**3.110**		Max	0.260		**0.061**

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 Limit	Location	Peak	Duty Cycle %	FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
1	Standby	20	614	S1	1.360	9.38	0.417	1.63	S1	0.007	9.38	0.002
				S2	2.610		**0.799**		S2	0.009		0.003
				S3	1.610		0.493		S3	0.006		0.002
				S4	1.750		0.536		S4	0.006		0.002
				Top	1.800		0.551		Top	0.020		**0.006**
				Bottom	1.270		0.389		Bottom	0.010		0.003
				Max	2.610		**0.799**		Max	0.020		**0.006**

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	0.980	100	**0.980**	1.63	S1	0.070	100	**0.070**
				S2	0.380		0.380		S2	0.030		0.030
				S3	0.920		0.920		S3	0.020		0.020
				S4	0.370		0.370		S4	0.030		0.030
				Top	0.380		0.380		Top	0.020		0.020
				Bottom	0.560		0.560		Bottom	0.020		0.020
				Max	0.980		**0.980**		Max	0.070		**0.070**

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	24.500	100	**24.500**	1.63	S1	0.060	100	0.060
				S2	6.230		6.230		S2	0.250		**0.250**
				S3	21.500		21.500		S3	0.110		0.110
				S4	1.360		1.360		S4	0.030		0.030
				Top	8.010		8.010		Top	0.070		0.070
				Bottom	4.100		4.100		Bottom	0.060		0.060
				Max	24.500		**24.500**		Max	0.250		**0.250**

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	20.500	100	**20.500**	1.63	S1	0.070	100	0.070
				S2	0.830		0.830		S2	0.460		**0.460**
				S3	4.850		4.850		S3	0.330		0.330
				S4	7.380		7.380		S4	0.150		0.150
				Top	2.070		2.070		Top	0.090		0.090
				Bottom	5.120		5.120		Bottom	0.090		0.090
				Max	20.500		**20.500**		Max	0.460		**0.460**

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	3.830	100	3.830	1.63	S1	0.040	100	0.040
				S2	1.740		1.740		S2	0.100		0.100
				S3	1.080		1.080		S3	0.120		0.120
				S4	4.600		**4.600**		S4	0.050		0.050
				Top	0.890		0.890		Top	0.160		**0.160**
				Bottom	1.260		1.260		Bottom	0.150		0.150
				Max	4.600		**4.600**		Max	0.160		**0.160**

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	4.380	100	4.380	1.63	S1	0.060	100	0.060
				S2	5.300		5.300		S2	0.050		0.050
				S3	2.070		2.070		S3	0.060		0.060
				S4	20.200		**20.200**		S4	0.090		0.090
				Top	2.200		2.200		Top	0.160		**0.160**
				Bottom	2.170		2.170		Bottom	0.090		0.090
				Max	20.200		**20.200**		Max	0.160		**0.160**

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	1.660	100	1.660	1.63	S1	0.030	100	0.030
				S2	1.620		1.620		S2	0.030		0.030
				S3	2.090		2.090		S3	0.020		0.020
				S4	1.170		1.170		S4	0.040		0.040
				Top	2.230		**2.230**		Top	0.040		0.040
				Bottom	0.930		0.930		Bottom	0.130		**0.130**
				Max	2.230		**2.230**		Max	0.130		**0.130**

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	0.250	100	0.250	1.23	S1	0.007	100	0.007
				S2	0.200		0.200		S2	0.008		0.008
				S3	0.160		0.160		S3	0.007		0.007
				S4	0.270		**0.270**		S4	0.008		0.008
				Top	0.190		0.190		Top	0.008		**0.008**
				Bottom	0.200		0.200		Bottom	0.007		0.007
				Max	0.270		**0.270**		Max	0.008		**0.008**

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	Duty Cycle %	FCC Average
9	Charging	20	614	S1	17.400	100	17.400	1.63	S1	0.030	100	0.030
				S2	22.800		**22.800**		S2	0.180		**0.180**
				S3	20.100		20.100		S3	0.040		0.040
				S4	8.260		8.260		S4	0.030		0.030
				Top	3.030		3.030		Top	0.140		0.140
				Bottom	1.190		1.190		Bottom	0.090		0.090
				Max	22.800		**22.800**		Max	0.180		**0.180**

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	6.000	100	6.000	1.63	S1	0.030	100	0.030
				S2	15.900		**15.900**		S2	0.010		0.010
				S3	4.970		4.970		S3	0.070		0.070
				S4	9.760		9.760		S4	0.040		0.040
				Top	1.470		1.470		Top	0.180		**0.180**
				Bottom	1.670		1.670		Bottom	0.120		0.120
				Max	15.900		**15.900**		Max	0.180		**0.180**

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	2.500	100	2.500	1.63	S1	0.009	100	0.009
				S2	2.570		**2.570**		S2	0.010		0.010
				S3	0.930		0.930		S3	0.010		0.010
				S4	2.170		2.170		S4	0.030		**0.030**
				Top	1.680		1.680		Top	0.010		0.010
				Bottom	2.420		2.420		Bottom	0.008		0.008
				Max	2.570		**2.570**		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 15240874-EP1

END OF REPORT