



TEST REPORT

Report Number. : 14118885-E2V1

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

Model : WIZ017

FCC ID : K7SWIZ017

EUT Description : WIRELESS CHARGER

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

Date Of Issue:
January 21, 2022

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	1/21/2022	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: WIRELESS CHARGER

MODEL NUMBER: WIZ017

SERIAL NUMBER: 52B10F6BB00122

DATE TESTED: DECEMBER 13, 2021 TO JANUARY 13, 2022

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. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

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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 calculations were made in accordance with FCC OET Bulletin 65 Edition 97-01.

3. FACILITIES AND ACCREDITATION

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

	Address	ISED CABID	ISED Company Number	FCC Registration
<input type="checkbox"/>	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
<input type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA	US0104	22541	550739
<input checked="" type="checkbox"/>	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA	US0104	2324B	550739

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

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

4.2. DECISION RULES

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

4.3. MEASUREMENT UNCERTAINTY

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

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

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

5. KDB 680106 D01 SECTION 5b EQUIPMENT APPROVAL CONSIDERATIONS

Requirement	Device
(1) Power transfer frequency is less than 1 MHz.	No. The maximum operating frequency is 1.778MHz.
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. The maximum power is 15W.
(3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	Yes. The system has three separate individual coils and each of them only allows for capable wireless power transfer between one source and one client at any given time.
(4) Client device is placed directly in contact with the transmitter.	Yes. The client device is placed directly in contact with the transmitter.
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)	Yes. It is a mobile device.
(6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.	Yes. The total aggregate H-field strength is : (15.21 % + 19.19 % + 4.89%)= 39.29% of the MPE limit. Note above is worst case from each coil. See Table 1 below

Table 1

The worst case leakage of H-field strength from all simultaneous transmitting coils							Total H field of each configuration
Frequency / coil	360kHz (New iPhone)	127.7kHz (Legacy iPhone)	127.7kHz (AirPods Case)	110.5kHz to 148.5Khz (AirPods Case)	326kHz (Legacy Apple Watch)	1.778MHz (New Apple Watch)	
Test Config							
1				19.19%	0.73%		19.92%
2	2.30%						2.30%
3		14.26%					14.26%
4			15.21%				15.21%
5				12.64%			12.64%
6					2.07%		2.07%
7						2.46%	2.46%
8	2.32%			12.60%	4.89%		19.80%
9	2.07%			5.94%		2.40%	10.41%
10		12.85%		5.20%	1.93%		19.98%
11		7.13%		6.28%		3.33%	16.75%
12			13.48%	13.07%	2.07%		28.63%
13			14.79%	14.30%		2.89%	31.98%
Worst-case	2.32%	14.26%	15.21%	19.19%	4.89%	3.33%	31.98%
	0.038A/m	0.233A/m	0.248A/m	0.313A/m	0.08A/m	0.41A/m	

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The EUT is a Wireless Charger with 3 separate charging coils that is capable of charging 3 client devices at the same time.

The first coil is used for charging a MagSafe iPhone at 360kHz (15W), a legacy iPhone at 127.7kHz (7.5W), and an AirPods Pro Case at 127.7kHz (1W). A second coil is used to charge the AirPods Case at 110.5kHz - 148.5kHz (1W). A third coil is used for charging an Apple Watch at either 326.5kHz or 1.778MHz with a maximum power of 5W.

EUT is powered by AC/DC adapter only.

6.2. WORST-CASE CONFIGURATION AND MODE

EUT is a desktop charger. For all tests, the EUT was connected to an AC/DC power adapter.

Worst case orientation of the client devices have been investigated as follow:

- 1) iPhone (Legacy and New): Portrait orientation where the lighting connector of iPhone at the bottom.
- 2) AirPods Pro Case: Landscape orientation with the lighting connector at the bottom on 1st and 2nd coil.
- 3) Apple Watch: Portrait position with the digital crown/home button on right side.

Worst case orientation of the client devices have been investigated and there is no significant delta at each orientation.

MagSafe phone and the watch are based on direct contact with no shifts in position due to the embedded magnet in the charger pad and in the clients.

2nd coil, Legacy phone and the AirPods Pro Case that do not have embedded magnet, clients are placed at the maximum power position during the testing.

The EUT was investigated on the following configuration during the test at its natural orientation

Config	Descriptions	Mode	Client
1	EUT stand alone, standby, powered by AC/DC adapter.	@110.5kHz to 148.5kHz @326.5kHz	None
2	Direct contact during charging/operating between the EUT & WPT Client, EUT is powered by AC/DC adapter.	@360kHz	1 st coil: iPhone 12
3		@127.7kHz	1 st coil: Legacy iPhone
4		@127.7kHz	1 st coil: AirPods Pro Case
5		@110.5kHz to 148.5kHz	2 nd coil: AirPods Pro Case
6		@326.5kHz	3 rd coil: Legacy Apple Watch (Series 4, 5)
7		@1.778MHz	3 rd coil: New Apple Watch (Series 7)
8		@360kHz @110.5kHz to 148.5kHz @326.5kHz	1 st coil: iPhone 12 2 nd coil: AirPods Pro Case 3 rd coil: Legacy Apple Watch(Series 4, 5)
9		@360kHz @110.5kHz to 148.5kHz @1.778MHz	1 st coil: iPhone 12 2 nd coil: AirPods Pro Case 3 rd coil: New Apple Watch(Series 7)
10		@127.7kHz @110.5kHz to 148.5kHz @326.5kHz	1 st coil: Legacy iPhone 2 nd coil AirPods Pro Case 3 rd coil: Legacy Apple Watch(Series 4, 5)
11		@127.7kHz @110.5kHz to 148.5kHz @1.778MHz	1 st coil: Legacy iPhone 2 nd coil AirPods Pro Case 3 rd coil: New Apple Watch(Series 7)
12		@127.7kHz @110.5kHz to 148.5kHz @326.5kHz	1 st coil: AirPods Pro Case 2 nd coil AirPods Pro Case 3 rd coil: Legacy Apple Watch(Series 4, 5)
13		@127.7kHz @110.5kHz to 148.5kHz @1.778MHz	1 st coil: AirPods Pro Case 2 nd coil AirPods Pro Case 3 rd coil: New Apple Watch(Series 7)

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	S/N	Label ID	Cal Due	Cal Date
Electric and Magnetic Field Probe	Narda	EHP-200A	160WX41008	T1085	03/16/2022	03/16/2021
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	PRE0179377	02/23/2022	02/21/2022	02/21/2021

8. DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

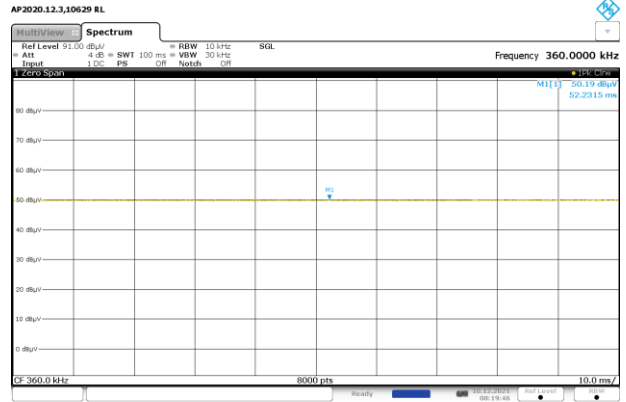
Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

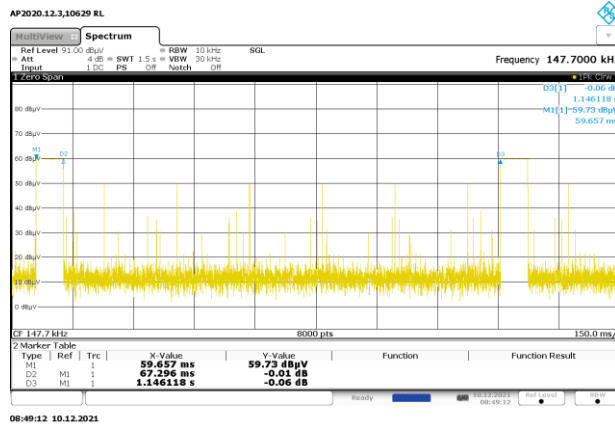
Test Engineer:	10629 RL
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Configuration	Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
1	Standby @ 147kHz	67.30	1146.12	0.06	5.87	12.31
1	Standby @ 326.5kHz	17.89	201.03	0.09	8.90	10.51
2	Operating Frequency @ 360kHz	1.00	1.00	1.00	100.00	0.00
3	Operating Frequency @ 127.7kHz (7.5W)	1.00	1.00	1.00	100.00	0.00
4	Operating Frequency @ 127.7kHz (1W)	1.00	1.00	1.00	100.00	0.00
5	Operating Frequency @ 147kHz	1.00	1.00	1.00	100.00	0.00
6	Operating Frequency @ 326.5kHz	1.00	1.00	1.00	100.00	0.00
7	Operating Frequency @ 1.778MHz	1.00	1.00	1.00	100.00	0.00

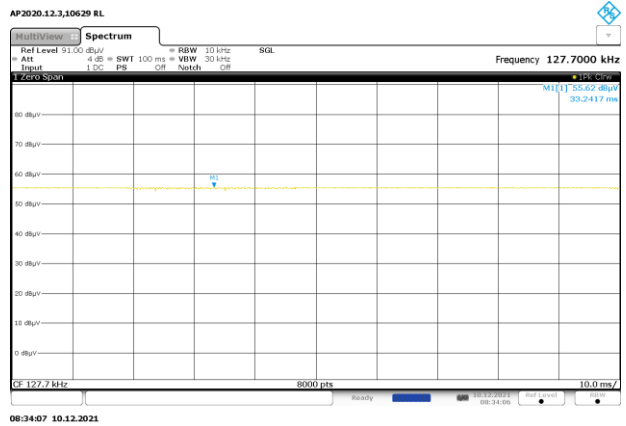
Configuration 1, 1st coil: 127.7KHz/360KHz no signals present.



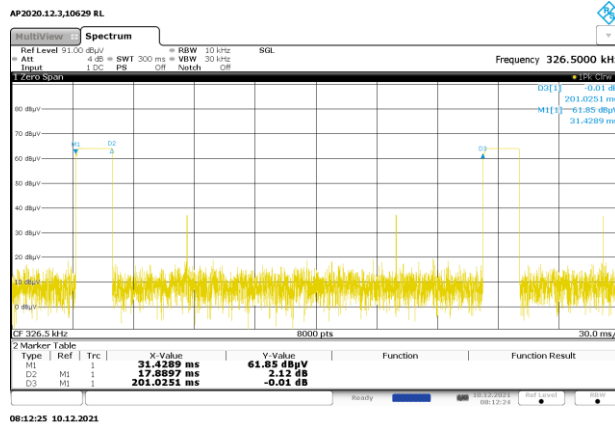
Config 2 Operating @ 360kHz



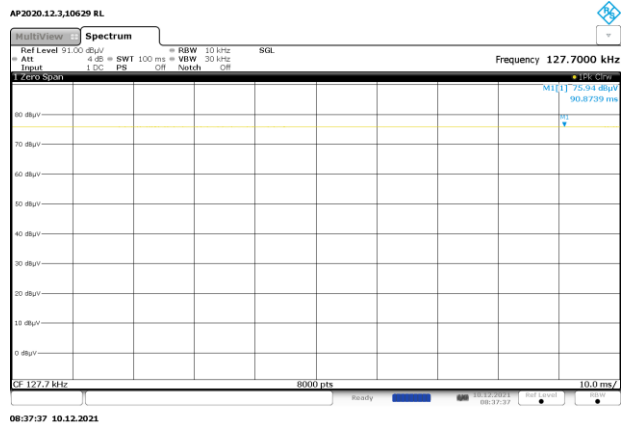
Config 1 Standby @ 147kHz



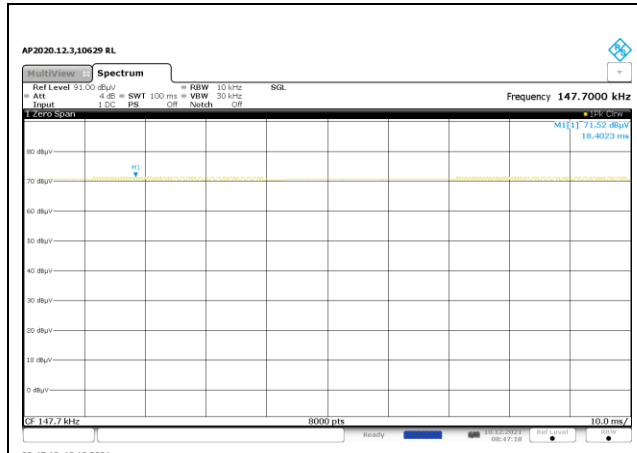
Config 3 Operating @ 127.7kHz (7.5W)



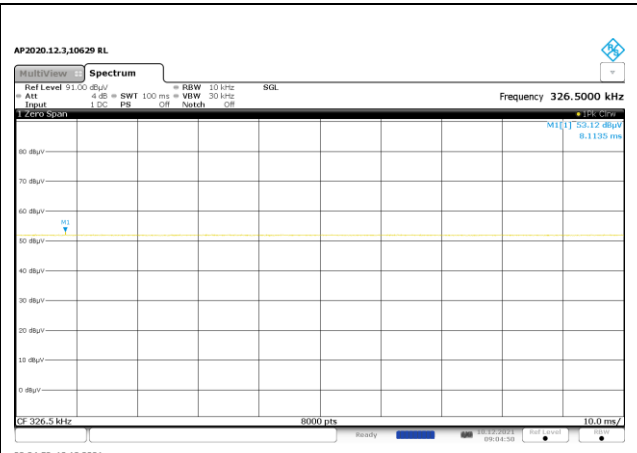
Config 1 Standby @ 326.5kHz



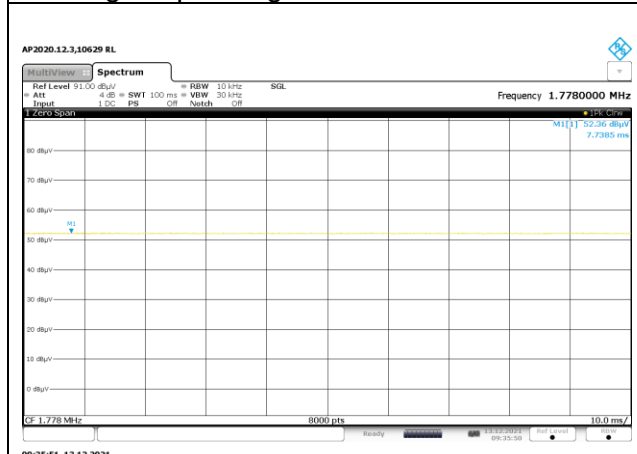
Config 4 Operating @ 127.7kHz (1W)



Config 5 Operating @ 110.5kHz to 148.5kHz



Config 6 Operating @ 326.5kHz



Config 7 Operating @ 1.778MHz

9. MAXIMUM PERMISSIBLE RF EXPOSURE

9.1. FCC LIMITS AND SUMMARY

§1.1310 The criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio-frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of §2.1093 of this chapter.

TABLE 1—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)
(A) Limits for Occupational/Controlled Exposures				
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
300–1500 .....	.....	.....	f/300	6
1500–100,000 .....	.....	.....	5	6
(B) 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

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)—Continued

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
30–300	27.5	0.073	0.2	30
300–1500 .....	.....	.....	f/1500	30
1500–100,000 .....	.....	.....	1.0	30

f = frequency in MHz

* = Plane-wave equivalent power density

NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

RESULT

Test Engineer:	29435 TC and 19497 AF	Test Date:	12/13/2021 to 1/13/2022
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9.1.1. MAXIMUM RESULT SUMMARY

CONFIGURATION 1: STANDBY MODE

FCC Config 1: 110.5-148.5kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.184	0.03%	1.63	0.313	19.19%

FCC Config 1: 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	0.068	0.01%	1.63	0.012	0.73%

CONFIGURATION 2: OPERATING MODE WITH NEW PHONE

FCC Config 2: Phone 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	0.421	0.07%	1.63	0.038	2.30%

CONFIGURATION 3: OPERATING MODE WITH LEGACY PHONE

FCC Config 3: Phone 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	0.474	0.08%	1.63	0.233	14.26%

CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE

FCC Config 4: Airpods Charging 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	0.543	0.09%	1.63	0.248	15.21%

CONFIGURATION 5: OPERATING MODE WITH AIRPODS PRO CASE

FCC Config 5: Airpods Charging Case 110.5kHz to 148.5kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.635	0.10%	1.63	0.206	12.64%

CONFIGURATION 6: OPERATING WITH LEGACY WATCH

FCC Config 6: 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	0.218	0.04%	1.63	0.034	2.07%

CONFIGURATION 7: OPERATING WITH NEW WATCH

FCC Config 7: 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	0.191	0.04%	1.23	0.030	2.46%

CONFIGURATION 8: OPERATING WITH NEW PHONE + AIRPODS PRO CASE + LEGACY WATCH

FCC Config 8:					
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	0.856	0.14%	1.63	0.038	2.32%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.533	0.09%	1.63	0.205	12.60%
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	0.491	0.08%	1.63	0.080	4.89%

CONFIGURATION 9: OPERATING WITH NEW PHONE + AIRPODS PRO CASE + NEW WATCH

FCC Config 9:					
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	0.576	0.09%	1.63	0.034	2.07%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.626	0.10%	1.63	0.097	5.94%
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	0.382	0.08%	1.23	0.030	2.40%

CONFIGURATION 10: OPERATING WITH LEGACY PHONE + AIRPODS PRO CASE + LEGACY WATCH

FCC Config 10:					
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	0.544	0.09%	1.63	0.210	12.85%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.311	0.05%	1.63	0.085	5.20%
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	0.218	0.04%	1.63	0.031	1.93%

CONFIGURATION 11: OPERATING WITH LEGACY PHONE + AIRPODS PRO CASE + NEW WATCH

FCC Config 11:					
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	0.444	0.07%	1.63	0.116	7.13%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.271	0.04%	1.63	0.102	6.28%
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	0.412	0.09%	1.23	0.041	3.33%

CONFIGURATION 12: OPERATING WITH AIRPODS PRO CASE + AIRPODS PRO CASE + LEGACY WATCH

FCC Config 12:					
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	0.345	0.06%	1.63	0.220	13.48%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.379	0.06%	1.63	0.213	13.07%
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	0.315	0.05%	1.63	0.034	2.07%

CONFIGURATION 13: OPERATING WITH AIRPODS PRO CASE + AIRPODS PRO CASE + NEW WATCH

FCC Config 13:					
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	0.422	0.07%	1.63	0.241	14.79%
147kHz					
Electric Field Limit			Magnetic Field Limit		
FCC RF Exposure Limit	Maximum Average (V/m)	Percentage (%)	FCC RF Exposure	Maximum Average (A/m)	Percentage (%)
614	0.362	0.06%	1.63	0.233	14.30%
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	0.370	0.08%	1.23	0.036	2.89%

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: STANDBY MODE

110.5 kHz to 148.5 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC Limit	Location	Peak	Duty Cycle %		FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
			1	Standby	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.226	5.87	0.055	1.63	S1	0.073	5.87	0.018
			S2	0.235	0.057		S2	0.049		0.012		
			S3	0.235	0.057		S3	0.037		0.009		
			S4	0.758	0.184		S4	1.291		0.313		
			Top	0.613	0.149		Top	0.225		0.055		
			Bottom	0.294	0.071		Bottom	0.035		0.008		
			Max	0.758	0.184		Max	1.291		0.313		

326.5 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC Limit	Location	Peak	Duty Cycle %		FCC Average	FCC Limit	Location	Peak	Duty Cycle %	FCC Average
			1	Standby	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.208	8.9	0.062	1.63	S1	0.031	8.9	0.009
			S2	0.208	0.062		S2	0.034		0.010		
			S3	0.208	0.062		S3	0.033		0.010		
			S4	0.217	0.065		S4	0.040		0.012		
			Top	0.228	0.068		Top	0.034		0.010		
			Bottom	0.208	0.062		Bottom	0.036		0.011		
			Max	0.228	0.068		Max	0.040		0.012		

CONFIGURATION 2: OPERATING MODE WITH NEW PHONE

360 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
2	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.286	100	0.286	1.63	S1	0.031	100	0.031
				S2	0.324		0.324		S2	0.037		0.037
				S3	0.362		0.362		S3	0.036		0.036
				S4	0.353		0.353		S4	0.021		0.021
				Top	0.322		0.322		Top	0.021		0.021
				Bottom	0.421		0.421		Bottom	0.021		0.021
				Max	0.421		0.421		Max	0.037		0.037
				S1	0.289		0.289		S1	0.031		0.031
	S2			0.325	0.325	S2	0.036		0.036			
	S3			0.360	0.360	S3	0.036		0.036			
	S4			0.352	0.352	S4	0.031		0.031			
	Top			0.321	0.321	Top	0.031		0.031			
	Bottom			0.421	0.421	Bottom	0.031		0.031			
	Max			0.421	0.421	Max	0.036		0.036			
	S1			0.290	0.290	S1	0.031		0.031			
	S2			0.326	0.326	S2	0.038		0.038			
	S3			0.362	0.362	S3	0.037		0.037			
	S4			0.352	0.352	S4	0.031		0.031			
	Top			0.320	0.320	Top	0.031		0.031			
	Bottom			0.420	0.420	Bottom	0.031		0.031			
	Max			0.420	0.420	Max	0.038		0.038			

CONFIGURATION 3: OPERATING MODE WITH LEGACY PHONE

127.7 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
3	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.321	100	0.321	1.63	S1	0.033	100	0.033
				S2	0.398		0.398		S2	0.061		0.061
				S3	0.283		0.283		S3	0.116		0.116
				S4	0.332		0.332		S4	0.051		0.051
				Top	0.355		0.355		Top	0.052		0.052
				Bottom	0.474		0.474		Bottom	0.233		0.233
				Max	0.474		0.474		Max	0.233		0.233
				S1	0.321		0.321		S1	0.033		0.033
	S2			0.399	0.399	S2	0.061		0.061			
	S3			0.283	0.283	S3	0.118		0.118			
	S4			0.332	0.332	S4	0.051		0.051			
	Top			0.356	0.356	Top	0.052		0.052			
	Bottom			0.463	0.463	Bottom	0.231		0.231			
	Max			0.463	0.463	Max	0.231		0.231			
	S1			0.321	0.321	S1	0.033		0.033			
	S2			0.388	0.388	S2	0.061		0.061			
	S3			0.283	0.283	S3	0.114		0.114			
	S4			0.332	0.332	S4	0.051		0.051			
	Top			0.345	0.345	Top	0.052		0.052			
	Bottom			0.454	0.454	Bottom	0.231		0.231			
	Max			0.454	0.454	Max	0.231		0.231			

CONFIGURATION 4: OPERATING MODE WITH AIRPODS PRO CASE

127.7 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
4	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.225	100	0.225	1.63	S1	0.075	100	0.075
				S2	0.282		0.282		S2	0.108		0.108
				S3	0.265		0.265		S3	0.245		0.245
				S4	0.543		0.543		S4	0.132		0.132
				Top	0.271		0.271		Top	0.082		0.082
				Bottom	0.525		0.525		Bottom	0.083		0.083
				Max	0.543		0.543		Max	0.245		0.245
				S1	0.226		0.226		S1	0.075		0.075
	S2			0.281	0.281	S2	0.106		0.106			
	S3			0.266	0.266	S3	0.248		0.248			
	S4			0.542	0.542	S4	0.142		0.142			
	Top			0.272	0.272	Top	0.082		0.082			
	Bottom			0.524	0.524	Bottom	0.083		0.083			
	Max			0.542	0.542	Max	0.248		0.248			
	S1			0.228	0.228	S1	0.075		0.075			
	S2			0.284	0.284	S2	0.107		0.107			
	S3			0.263	0.263	S3	0.247		0.247			
	S4			0.540	0.540	S4	0.141		0.141			
	Top			0.276	0.276	Top	0.081		0.081			
	Bottom			0.514	0.514	Bottom	0.083		0.083			
	Max			0.540	0.540	Max	0.247		0.247			

CONFIGURATION 5: OPERATING MODE WITH AIRPODS PRO CASE

147 kHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)			
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
5	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.226	100	0.226	1.63	S1	0.045	100	0.045
				S2	0.255		0.255		S2	0.054		0.054
				S3	0.254		0.254		S3	0.035		0.035
				S4	0.634		0.634		S4	0.053		0.053
				Top	0.424		0.424		Top	0.205		0.205
				Bottom	0.263		0.263		Bottom	0.053		0.053
				Max	0.634		0.634		Max	0.205		0.205
				S1	0.226		0.226		S1	0.046		0.046
	S2			0.255	0.255	S2	0.055		0.055			
	S3			0.255	0.255	S3	0.035		0.035			
	S4			0.635	0.635	S4	0.054		0.054			
	Top			0.424	0.424	Top	0.206		0.206			
	Bottom			0.263	0.263	Bottom	0.054		0.054			
	Max			0.635	0.635	Max	0.206		0.206			
	S1			0.225	0.225	S1	0.044		0.044			
	S2			0.254	0.254	S2	0.055		0.055			
	S3			0.254	0.254	S3	0.035		0.035			
	S4			0.633	0.633	S4	0.056		0.056			
	Top			0.422	0.422	Top	0.206		0.206			
	Bottom			0.263	0.263	Bottom	0.054		0.054			
	Max			0.633	0.633	Max	0.206		0.206			

CONFIGURATION 6: OPERATING WITH LEGACY WATCH

326.5 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.217	100	0.217	1.63	S1	0.031	100	0.031		
				S2	0.216		0.216		S2	0.033		0.033		
				S3	0.208		0.208		S3	0.031		0.031		
				S4	0.217		0.217		S4	0.031		0.031		
				Top	0.217		0.217		Top	0.033		0.033		
				Bottom	0.215		0.215		Bottom	0.031		0.031		
				Max	0.217		0.217		Max	0.033		0.033		
				Max	0.217		0.217		Max	0.031		0.031		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.217	100	0.217		1.63	S1	0.031	100	0.031	
				S2	0.217		0.217			S2	0.034		0.034	
				S3	0.208		0.208			S3	0.031		0.031	
				S4	0.217		0.217			S4	0.031		0.031	
				Top	0.217		0.217			Top	0.033		0.033	
				Bottom	0.218		0.218			Bottom	0.031		0.031	
				Max	0.218		0.218			Max	0.034		0.034	
				Max	0.217		0.217			Max	0.031		0.031	
	Operating Real Product (Power >75% Charging)			S1	0.216	100	0.216			1.63	S1	0.031	100	0.031
				S2	0.216		0.216				S2	0.032		0.032
				S3	0.207		0.207				S3	0.031		0.031
				S4	0.217		0.217				S4	0.031		0.031
				Top	0.217		0.217				Top	0.033		0.033
				Bottom	0.217		0.217				Bottom	0.031		0.031
				Max	0.217		0.217				Max	0.033		0.033
				Max	0.217		0.217				Max	0.033		0.033

CONFIGURATION 7: OPERATING WITH NEW WATCH

1.778 MHz:

Configuration	Test Mode	Measuring Distance (cm)	Electric Field Limit (V/m)	Electric Field Reading (V/m)				Magnetic Field Limit (A/m)	Magnetic Field Reading (A/m)					
				FCC	Location	Peak	Duty Cycle %		FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average
7	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	S1	0.182	100	0.182	1.23	S1	0.029	100	0.029		
				S2	0.162		0.162		S2	0.030		0.030		
				S3	0.162		0.162		S3	0.029		0.029		
				S4	0.191		0.191		S4	0.026		0.026		
				Top	0.162		0.162		Top	0.027		0.027		
				Bottom	0.172		0.172		Bottom	0.029		0.029		
				Max	0.191		0.191		Max	0.030		0.030		
				Max	0.183		0.183		Max	0.028		0.028		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.161	100	0.161		1.23	S1	0.030	100	0.030	
				S2	0.162		0.162			S2	0.029		0.029	
				S3	0.162		0.162			S3	0.029		0.029	
				S4	0.190		0.190			S4	0.027		0.027	
				Top	0.160		0.160			Top	0.027		0.027	
				Bottom	0.171		0.171			Bottom	0.030		0.030	
				Max	0.190		0.190			Max	0.030		0.030	
				Max	0.184		0.184			Max	0.027		0.027	
	Operating Real Product (Power >75% Charging)			S1	0.165	100	0.165			1.23	S1	0.030	100	0.030
				S2	0.160		0.160				S2	0.029		0.029
				S3	0.160		0.160				S3	0.029		0.029
				S4	0.190		0.190				S4	0.026		0.026
				Top	0.163		0.163				Top	0.028		0.028
				Bottom	0.171		0.171				Bottom	0.027		0.027
				Max	0.190		0.190				Max	0.030		0.030
				Max	0.190		0.190				Max	0.030		0.030

CONFIGURATION 8: OPERATING WITH NEW PHONE + AIRPODS PRO CASE + LEGACY WATCH

360 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	FCC	S1	0.327	100	0.327	1.63	FCC	S1	0.031	100	0.031
					S2	0.555					S2	0.031		
					S3	0.390					S3	0.038		
					S4	0.855					S4	0.031		
					Top	0.603					Top	0.031		
					Bottom	0.471					Bottom	0.034		
					Max	0.855					Max	0.038		
					Max	0.855					Max	0.038		
	S1				0.326	100	0.326	S1			0.030	100	0.030	
	S2				0.556			S2			0.031			
	S3				0.392			S3			0.038			
	S4				0.856			S4			0.031			
	Top				0.605			Top			0.031			
	Bottom				0.472			Bottom			0.034			
	Max				0.856			Max			0.038			
	Max				0.856			Max			0.038			
	S1				0.326	100	0.326	S1			0.030	100	0.030	
	S2				0.554			S2			0.031			
	S3				0.392			S3			0.037			
	S4				0.846			S4			0.021			
	Top				0.615			Top			0.021			
	Bottom				0.462			Bottom			0.034			
	Max				0.846			Max			0.034			
	Max				0.846			Max			0.037			

147 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	FCC	S1	0.267	100	0.267	1.63	FCC	S1	0.045	100	0.045
					S2	0.261					S2	0.057		
					S3	0.254					S3	0.033		
					S4	0.303					S4	0.037		
					Top	0.453					Top	0.204		
					Bottom	0.524					Bottom	0.056		
					Max	0.524					Max	0.204		
					Max	0.524					Max	0.204		
	S1				0.269	100	0.269	S1			0.046	100	0.046	
	S2				0.266			S2			0.058			
	S3				0.255			S3			0.035			
	S4				0.300			S4			0.037			
	Top				0.454			Top			0.205			
	Bottom				0.533			Bottom			0.056			
	Max				0.533			Max			0.205			
	Max				0.533			Max			0.205			
	S1				0.265	100	0.265	S1			0.047	100	0.047	
	S2				0.264			S2			0.055			
	S3				0.253			S3			0.031			
	S4				0.301			S4			0.031			
	Top				0.451			Top			0.202			
	Bottom				0.531			Bottom			0.055			
	Max				0.531			Max			0.202			
	Max				0.531			Max			0.202			

326.5 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	FCC	S1	0.331	100	0.331	1.63	FCC	S1	0.031	100	0.031
					S2	0.234					S2	0.031		
					S3	0.362					S3	0.079		
					S4	0.344					S4	0.036		
					Top	0.490					Top	0.035		
					Bottom	0.287					Bottom	0.031		
					Max	0.490					Max	0.079		
					Max	0.490					Max	0.079		
	S1				0.332	100	0.332	S1			0.031	100	0.031	
	S2				0.235			S2			0.031			
	S3				0.361			S3			0.080			
	S4				0.341			S4			0.036			
	Top				0.491			Top			0.034			
	Bottom				0.289			Bottom			0.033			
	Max				0.491			Max			0.080			
	Max				0.491			Max			0.080			
	S1				0.333	100	0.333	S1			0.031	100	0.031	
	S2				0.227			S2			0.031			
	S3				0.362			S3			0.078			
	S4				0.340			S4			0.032			
	Top				0.490			Top			0.032			
	Bottom				0.286			Bottom			0.031			
	Max				0.490			Max			0.078			
	Max				0.490			Max			0.078			

CONFIGURATION 9: OPERATING WITH NEW PHONE + AIRPODS PRO CASE + NEW WATCH

360 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	100	S1	0.302	100	0.302	1.63	S1	0.031	100	0.031
					S2	0.336		0.336		S2	0.031		0.031
					S3	0.338		0.338		S3	0.031		0.031
					S4	0.300		0.300		S4	0.031		0.031
					Top	0.411		0.411		Top	0.034		0.034
					Bottom	0.574		0.574		Bottom	0.033		0.033
					Max	0.574		0.574		Max	0.034		0.034
					Max	0.576		0.576		Max	0.034		0.034
	Operating Real Product (Power 20% ~ 60% Charging)			100	S1	0.303	0.303	S1	0.031	0.031			
					S2	0.338	0.338	S2	0.031	0.031			
					S3	0.338	0.338	S3	0.031	0.031			
					S4	0.301	0.301	S4	0.031	0.031			
					Top	0.411	0.411	Top	0.034	0.034			
					Bottom	0.576	0.576	Bottom	0.034	0.034			
					Max	0.576	0.576	Max	0.034	0.034			
					Max	0.576	0.576	Max	0.034	0.034			
	Operating Real Product (Power >75% Charging)			100	S1	0.301	0.301	S1	0.031	0.031			
					S2	0.334	0.334	S2	0.031	0.031			
					S3	0.336	0.336	S3	0.031	0.031			
					S4	0.310	0.310	S4	0.031	0.031			
					Top	0.411	0.411	Top	0.034	0.034			
					Bottom	0.573	0.573	Bottom	0.033	0.033			
					Max	0.573	0.573	Max	0.034	0.034			
					Max	0.573	0.573	Max	0.034	0.034			

147 kHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	100	S1	0.291	100	0.291	1.63	S1	0.078	100	0.078
					S2	0.262		0.262		S2	0.066		0.066
					S3	0.262		0.262		S3	0.047		0.047
					S4	0.288		0.288		S4	0.043		0.043
					Top	0.391		0.391		Top	0.093		0.093
					Bottom	0.624		0.624		Bottom	0.079		0.079
					Max	0.624		0.624		Max	0.093		0.093
					Max	0.624		0.624		Max	0.093		0.093
	Operating Real Product (Power 20% ~ 60% Charging)			100	S1	0.292	0.292	S1	0.082	0.082			
					S2	0.263	0.263	S2	0.070	0.070			
					S3	0.263	0.263	S3	0.050	0.050			
					S4	0.289	0.289	S4	0.046	0.046			
					Top	0.392	0.392	Top	0.097	0.097			
					Bottom	0.625	0.625	Bottom	0.082	0.082			
					Max	0.625	0.625	Max	0.097	0.097			
					Max	0.625	0.625	Max	0.097	0.097			
	Operating Real Product (Power >75% Charging)			100	S1	0.293	0.293	S1	0.085	0.085			
					S2	0.264	0.264	S2	0.074	0.074			
					S3	0.264	0.264	S3	0.054	0.054			
					S4	0.290	0.290	S4	0.050	0.050			
					Top	0.393	0.393	Top	0.094	0.094			
					Bottom	0.626	0.626	Bottom	0.086	0.086			
					Max	0.626	0.626	Max	0.094	0.094			
					Max	0.626	0.626	Max	0.094	0.094			

1.778 MHz:

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	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	100	S1	0.380	100	0.380	1.23	S1	0.026	100	0.026
					S2	0.161		0.161		S2	0.026		0.026
					S3	0.181		0.181		S3	0.026		0.026
					S4	0.181		0.181		S4	0.026		0.026
					Top	0.161		0.161		Top	0.026		0.026
					Bottom	0.199		0.199		Bottom	0.030		0.030
					Max	0.380		0.380		Max	0.030		0.030
					Max	0.381		0.381		Max	0.026		0.026
	Operating Real Product (Power 20% ~ 60% Charging)			100	S1	0.381	0.381	S1	0.026	0.026			
					S2	0.162	0.162	S2	0.026	0.026			
					S3	0.182	0.182	S3	0.026	0.026			
					S4	0.182	0.182	S4	0.026	0.026			
					Top	0.162	0.162	Top	0.026	0.026			
					Bottom	0.200	0.200	Bottom	0.029	0.029			
					Max	0.381	0.381	Max	0.029	0.029			
					Max	0.382	0.382	Max	0.026	0.026			
	Operating Real Product (Power >75% Charging)			100	S1	0.382	0.382	S1	0.026	0.026			
					S2	0.164	0.164	S2	0.026	0.026			
					S3	0.183	0.183	S3	0.026	0.026			
					S4	0.183	0.183	S4	0.026	0.026			
					Top	0.164	0.164	Top	0.026	0.026			
					Bottom	0.201	0.201	Bottom	0.028	0.028			
					Max	0.382	0.382	Max	0.028	0.028			
					Max	0.382	0.382	Max	0.028	0.028			

CONFIGURATION 10: OPERATING WITH LEGACY PHONE + AIRPODS PRO CASE + LEGACY WATCH

127.7 kHz:

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
10	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.424	100	0.424	1.63	S1	0.083	100	0.083		
				S2	0.254		0.254		S2	0.076		0.076		
				S3	0.244		0.244		S3	0.193		0.193		
				S4	0.542		0.542		S4	0.045		0.045		
				Top	0.266		0.266		Top	0.050		0.050		
				Bottom	0.425		0.425		Bottom	0.201		0.201		
				Max	0.542		0.542		Max	0.201		0.201		
				Max	0.542		0.542		Max	0.201		0.201		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.421	100	0.421		1.63	S1	0.085	100	0.085	
				S2	0.255		0.255			S2	0.078		0.078	
				S3	0.245		0.245			S3	0.193		0.193	
				S4	0.544		0.544			S4	0.043		0.043	
				Top	0.268		0.268			Top	0.051		0.051	
				Bottom	0.422		0.422			Bottom	0.210		0.210	
				Max	0.544		0.544			Max	0.210		0.210	
				Max	0.544		0.544			Max	0.210		0.210	
	Operating Real Product (Power >75% Charging)			S1	0.422	100	0.422			1.63	S1	0.084	100	0.084
				S2	0.257		0.257				S2	0.076		0.076
				S3	0.242		0.242				S3	0.190		0.190
				S4	0.541		0.541				S4	0.044		0.044
				Top	0.266		0.266				Top	0.052		0.052
				Bottom	0.423		0.423				Bottom	0.208		0.208
				Max	0.541		0.541				Max	0.208		0.208
				Max	0.541		0.541				Max	0.208		0.208

147 kHz:

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
10	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.202	100	0.202	1.63	S1	0.043	100	0.043		
				S2	0.206		0.206		S2	0.054		0.054		
				S3	0.234		0.234		S3	0.044		0.044		
				S4	0.225		0.225		S4	0.044		0.044		
				Top	0.310		0.310		Top	0.084		0.084		
				Bottom	0.285		0.285		Bottom	0.047		0.047		
				Max	0.310		0.310		Max	0.084		0.084		
				Max	0.310		0.310		Max	0.084		0.084		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.200	100	0.200		1.63	S1	0.041	100	0.041	
				S2	0.208		0.208			S2	0.054		0.054	
				S3	0.235		0.235			S3	0.044		0.044	
				S4	0.226		0.226			S4	0.042		0.042	
				Top	0.311		0.311			Top	0.085		0.085	
				Bottom	0.283		0.283			Bottom	0.049		0.049	
				Max	0.311		0.311			Max	0.085		0.085	
				Max	0.311		0.311			Max	0.085		0.085	
	Operating Real Product (Power >75% Charging)			S1	0.201	100	0.201			1.63	S1	0.040	100	0.040
				S2	0.210		0.210				S2	0.055		0.055
				S3	0.237		0.237				S3	0.042		0.042
				S4	0.224		0.224				S4	0.041		0.041
				Top	0.301		0.301				Top	0.083		0.083
				Bottom	0.286		0.286				Bottom	0.050		0.050
				Max	0.301		0.301				Max	0.083		0.083
				Max	0.301		0.301				Max	0.083		0.083

326.5 kHz:

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
10	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.217	100	0.217	1.63	S1	0.031	100	0.031		
				S2	0.208		0.208		S2	0.031		0.031		
				S3	0.217		0.217		S3	0.031		0.031		
				S4	0.217		0.217		S4	0.031		0.031		
				Top	0.218		0.218		Top	0.031		0.031		
				Bottom	0.208		0.208		Bottom	0.031		0.031		
				Max	0.218		0.218		Max	0.031		0.031		
				Max	0.218		0.218		Max	0.031		0.031		
	Operating Real Product (Power 20% ~ 60% Charging)			S1	0.215	100	0.215		1.63	S1	0.031	100	0.031	
				S2	0.206		0.206			S2	0.031		0.031	
				S3	0.217		0.217			S3	0.030		0.030	
				S4	0.217		0.217			S4	0.031		0.031	
				Top	0.218		0.218			Top	0.031		0.031	
				Bottom	0.207		0.207			Bottom	0.031		0.031	
				Max	0.218		0.218			Max	0.031		0.031	
				Max	0.218		0.218			Max	0.031		0.031	
	Operating Real Product (Power >75% Charging)			S1	0.217	100	0.217			1.63	S1	0.031	100	0.031
				S2	0.207		0.207				S2	0.031		0.031
				S3	0.215		0.215				S3	0.031		0.031
				S4	0.217		0.217				S4	0.031		0.031
				Top	0.218		0.218				Top	0.031		0.031
				Bottom	0.208		0.208				Bottom	0.031		0.031
				Max	0.218		0.218				Max	0.031		0.031
				Max	0.218		0.218				Max	0.031		0.031

CONFIGURATION 11: OPERATING WITH LEGACY PHONE + AIRPODS PRO CASE + NEW WATCH

127.7 kHz:

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
11	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.226	100	0.226	1.63	S1	0.047	100	0.047
				S2	0.244		0.244		S2	0.086		0.086
				S3	0.307		0.307		S3	0.056		0.056
				S4	0.307		0.307		S4	0.116		0.116
				Top	0.444		0.444		Top	0.043		0.043
				Bottom	0.218		0.218		Bottom	0.033		0.033
				Max	0.444		0.444		Max	0.116		0.116
				S1	0.223		100		0.223	S1		0.049
	S2			0.244	0.244	S2			0.088	0.088		
	S3			0.308	0.308	S3			0.054	0.054		
	S4			0.309	0.309	S4			0.114	0.114		
	Top			0.439	0.439	Top			0.044	0.044		
	Bottom			0.215	0.215	Bottom			0.041	0.041		
	Max			0.439	0.439	Max			0.114	0.114		
	S1			0.223	100	0.223			S1	0.049	100	0.049
	S2			0.246		0.246	S2		0.086	0.086		
	S3			0.305		0.305	S3		0.053	0.053		
	S4			0.306		0.306	S4		0.115	0.115		
	Top			0.441		0.441	Top		0.045	0.045		
	Bottom			0.216		0.216	Bottom		0.039	0.039		
	Max			0.441		0.441	Max		0.115	0.115		

147 kHz:

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
11	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.214	100	0.214	1.63	S1	0.035	100	0.035
				S2	0.228		0.228		S2	0.059		0.059
				S3	0.217		0.217		S3	0.102		0.102
				S4	0.271		0.271		S4	0.044		0.044
				Top	0.226		0.226		Top	0.083		0.083
				Bottom	0.206		0.206		Bottom	0.061		0.061
				Max	0.271		0.271		Max	0.102		0.102
				S1	0.215		100		0.215	S1		0.034	100	0.034
	S2			0.230	0.230	S2			0.060	0.060		
	S3			0.219	0.219	S3			0.100	0.100		
	S4			0.269	0.269	S4			0.043	0.043		
	Top			0.216	0.216	Top			0.082	0.082		
	Bottom			0.209	0.209	Bottom			0.062	0.062		
	Max			0.269	0.269	Max			0.100	0.100		
	S1			0.217	100	0.217			S1	0.037	100	0.037
	S2			0.226		0.226	S2		0.059	0.059		
	S3			0.217		0.217	S3		0.102	0.102		
	S4			0.270		0.270	S4		0.046	0.046		
	Top			0.226		0.226	Top		0.083	0.083		
	Bottom			0.208		0.208	Bottom		0.059	0.059		
	Max			0.270		0.270	Max		0.102	0.102		

1.778 MHz:

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
11	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	S1	0.200	100	0.200	1.23	S1	0.031	100	0.031
				S2	0.227		0.227		S2	0.031		0.031
				S3	0.410		0.410		S3	0.031		0.031
				S4	0.340		0.340		S4	0.027		0.027
				Top	0.247		0.247		Top	0.036		0.036
				Bottom	0.218		0.218		Bottom	0.034		0.034
				Max	0.410		0.410		Max	0.036		0.036
				S1	0.201		100		0.201	S1		0.035	100	0.035
	S2			0.228	0.228	S2			0.035	0.035		
	S3			0.411	0.411	S3			0.035	0.035		
	S4			0.341	0.341	S4			0.031	0.031		
	Top			0.248	0.248	Top			0.039	0.039		
	Bottom			0.219	0.219	Bottom			0.037	0.037		
	Max			0.411	0.411	Max			0.039	0.039		
	S1			0.202	100	0.202			S1	0.039	100	0.039
	S2			0.229		0.229	S2		0.039	0.039		
	S3			0.412		0.412	S3		0.039	0.039		
	S4			0.342		0.342	S4		0.035	0.035		
	Top			0.249		0.249	Top		0.037	0.037		
	Bottom			0.220		0.220	Bottom		0.041	0.041		
	Max			0.412		0.412	Max		0.041	0.041		

CONFIGURATION 12: OPERATING WITH AIRPODS PRO CASE + AIRPODS PRO CASE + LEGACY WATCH

127.7 kHz:

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
12	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.225	100	0.225	1.63	S1	0.033	100	0.033
				S2	0.225				S2	0.078		
				S3	0.254				S3	0.217		
				S4	0.343				S4	0.055		
				Top	0.300				Top	0.028		
				Bottom	0.226				Bottom	0.073		
				Max	0.343				Max	0.217		
				Max	0.343				Max	0.217		
	S1			0.226	100	0.226	S1		0.035	100	0.035	
	S2			0.226			S2		0.079			
	S3			0.255			S3		0.219			
	S4			0.345			S4		0.056			
	Top			0.301			Top		0.029			
	Bottom			0.227			Bottom		0.075			
	Max			0.345			Max		0.219			
	Max			0.345			Max		0.219			
	S1			0.227	100	0.227	S1		0.036	100	0.036	
	S2			0.227			S2		0.080			
	S3			0.256			S3		0.220			
	S4			0.344			S4		0.058			
	Top			0.302			Top		0.030			
	Bottom			0.228			Bottom		0.076			
	Max			0.344			Max		0.220			
	Max			0.344			Max		0.220			

147 kHz:

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
12	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.288	100	0.288	1.63	S1	0.076	100	0.076
				S2	0.269				S2	0.071		
				S3	0.233				S3	0.044		
				S4	0.218				S4	0.052		
				Top	0.377				Top	0.213		
				Bottom	0.343				Bottom	0.084		
				Max	0.377				Max	0.213		
				Max	0.377				Max	0.213		
	S1			0.291	100	0.291	S1		0.076	100	0.076	
	S2			0.272			S2		0.071			
	S3			0.235			S3		0.045			
	S4			0.220			S4		0.053			
	Top			0.379			Top		0.213			
	Bottom			0.346			Bottom		0.085			
	Max			0.379			Max		0.213			
	Max			0.379			Max		0.213			
	S1			0.293	100	0.293	S1		0.077	100	0.077	
	S2			0.274			S2		0.071			
	S3			0.237			S3		0.045			
	S4			0.222			S4		0.053			
	Top			0.371			Top		0.211			
	Bottom			0.348			Bottom		0.085			
	Max			0.371			Max		0.211			
	Max			0.371			Max		0.211			

326.5 kHz:

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
12	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.235	100	0.235	1.63	S1	0.031	100	0.031
				S2	0.262				S2	0.031		
				S3	0.217				S3	0.031		
				S4	0.313				S4	0.034		
				Top	0.228				Top	0.031		
				Bottom	0.266				Bottom	0.034		
				Max	0.313				Max	0.034		
				Max	0.313				Max	0.034		
	S1			0.237	100	0.237	S1		0.031	100	0.031	
	S2			0.264			S2		0.031			
	S3			0.219			S3		0.031			
	S4			0.315			S4		0.033			
	Top			0.230			Top		0.031			
	Bottom			0.268			Bottom		0.032			
	Max			0.315			Max		0.033			
	Max			0.315			Max		0.033			
	S1			0.236	100	0.236	S1		0.031	100	0.031	
	S2			0.263			S2		0.031			
	S3			0.218			S3		0.031			
	S4			0.314			S4		0.031			
	Top			0.230			Top		0.031			
	Bottom			0.267			Bottom		0.033			
	Max			0.314			Max		0.033			
	Max			0.314			Max		0.033			

CONFIGURATION 13: OPERATING WITH AIRPODS PRO CASE + AIRPODS PRO CASE + NEW WATCH

127.7 kHz:

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
13	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.234	100	0.234	1.63	S1	0.033	100	0.033
				S2	0.242		0.242		S2	0.081		0.081
				S3	0.246		0.246		S3	0.222		0.222
				S4	0.331		0.331		S4	0.054		0.054
				Top	0.279		0.279		Top	0.030		0.030
				Bottom	0.220		0.220		Bottom	0.073		0.073
				Max	0.331		0.331		Max	0.222		0.222
				Max	0.255		0.255		S1	0.031		0.031
	S2			0.247	0.247	S2	0.078		0.078			
	S3			0.227	0.227	S3	0.178		0.178			
	S4			0.368	0.368	S4	0.102		0.102			
	Top			0.312	0.312	Top	0.028		0.028			
	Bottom			0.231	0.231	Bottom	0.079		0.079			
	Max			0.368	0.368	Max	0.178		0.178			
	S1			0.239	0.239	S1	0.041		0.041			
	S2			0.231	0.231	S2	0.076		0.076			
	S3			0.319	0.319	S3	0.241		0.241			
	S4			0.422	0.422	S4	0.067		0.067			
	Top			0.312	0.312	Top	0.029		0.029			
	Bottom			0.283	0.283	Bottom	0.067		0.067			
	Max			0.422	0.422	Max	0.241		0.241			

147 kHz:

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
13	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	614	S1	0.293	100	0.293	1.63	S1	0.069	100	0.069
				S2	0.279		0.279		S2	0.081		0.081
				S3	0.267		0.267		S3	0.051		0.051
				S4	0.232		0.232		S4	0.053		0.053
				Top	0.360		0.360		Top	0.222		0.222
				Bottom	0.359		0.359		Bottom	0.093		0.093
				Max	0.360		0.360		Max	0.222		0.222
				Max	0.272		0.272		S1	0.061		0.061
	S2			0.241	0.241	S2	0.060		0.060			
	S3			0.206	0.206	S3	0.052		0.052			
	S4			0.236	0.236	S4	0.023		0.023			
	Top			0.359	0.359	Top	0.233		0.233			
	Bottom			0.362	0.362	Bottom	0.053		0.053			
	Max			0.362	0.362	Max	0.233		0.233			
	S1			0.250	0.250	S1	0.060		0.060			
	S2			0.217	0.217	S2	0.081		0.081			
	S3			0.284	0.284	S3	0.067		0.067			
	S4			0.274	0.274	S4	0.049		0.049			
	Top			0.341	0.341	Top	0.192		0.192			
	Bottom			0.309	0.309	Bottom	0.079		0.079			
	Max			0.341	0.341	Max	0.192		0.192			

1.778 MHz:

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
13	Operating Real Product (Power ~10% Charging)	15 cm surrounding the device (S1 - S4, bottom) and 20 cm above the top surface of the EUT	463.44	S1	0.223	100	0.223	1.23	S1	0.035	100	0.035
				S2	0.259		0.259		S2	0.030		0.030
				S3	0.233		0.233		S3	0.032		0.032
				S4	0.362		0.362		S4	0.036		0.036
				Top	0.237		0.237		Top	0.031		0.031
				Bottom	0.252		0.252		Bottom	0.033		0.033
				Max	0.362		0.362		Max	0.036		0.036
				Max	0.222		0.222		S1	0.032		0.032
	S2			0.260	0.260	S2	0.035		0.035			
	S3			0.222	0.222	S3	0.032		0.032			
	S4			0.362	0.362	S4	0.034		0.034			
	Top			0.370	0.370	Top	0.033		0.033			
	Bottom			0.298	0.298	Bottom	0.033		0.033			
	Max			0.370	0.370	Max	0.035		0.035			
	S1			0.207	0.207	S1	0.030		0.030			
	S2			0.258	0.258	S2	0.032		0.032			
	S3			0.242	0.242	S3	0.031		0.031			
	S4			0.333	0.333	S4	0.031		0.031			
	Top			0.309	0.309	Top	0.031		0.031			
	Bottom			0.248	0.248	Bottom	0.033		0.033			
	Max			0.333	0.333	Max	0.033		0.033			

10. RF EXPOSURE TEST SETUP AND SETUP PHOTO

Please see description of RF exposure test up and setup photo report 14118885-EP1

END OF TEST REPORT