



**FCC Part 1 Subpart I
FCC Part 2 Subpart J**

CERTIFICATION TEST REPORT

FOR

WIRELESS CHARGING SPOT

MODEL NO: B2B170 & B2B180

FCC ID: K7SB2B180

REPORT NUMBER: 12361602-E2V1

ISSUE DATE: AUGUST 10, 2018

Prepared for
**BELKIN INTERNATIONAL, INC.
12045 EAST WATERFRONT DRIVE
PLAYA VISTA, CA 90094, U.S.A.**

Prepared by
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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: BELKIN INTERNATIONAL, INC.
12045 EAST WATERFRONT DRIVE
PLAYA VISTA, CA 90094, U.S.A.

EUT DESCRIPTION: WIRELESS CHARGING SPOT

MODEL NUMBER: B2B170 & B2B180

POWER SUPPLY MODELS: ADS-26FSG-12 15023EPCU for Single Unit;
2AAL090H for Quad Unit

SERIAL NUMBER: 28V10CK680005Y, 28V10CK680005Z,
28V10CK680005M, 28V10CK680005P.

DATE TESTED: JULY 20 - 31, 2018

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

UL Verification Services Inc. calculated the RF Exposure of the above equipment in accordance with the requirements set forth in the above standards, using test results reported in the test report documents referenced below and/or documentation furnished by the applicant. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations of these calculations. The results show that the equipment is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. 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 NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Verification Services Inc. By:

Prepared By:



Thu Chan
Operations Leader
UL Verification Service Inc.

Jason Qian
Test Engineer
UL Verification Services Inc.

2. TEST METHODOLOGY

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

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street
<input type="checkbox"/> Chamber A (IC:2324B-1)	<input type="checkbox"/> Chamber D (IC:22541-1)
<input type="checkbox"/> Chamber B (IC:2324B-2)	<input type="checkbox"/> Chamber E (IC:22541-2)
<input type="checkbox"/> Chamber C (IC:2324B-3)	<input type="checkbox"/> Chamber F (IC:22541-3)
<input checked="" type="checkbox"/> Immunity Area	<input type="checkbox"/> Chamber G (IC:22541-4)
	<input type="checkbox"/> Chamber H (IC:22541-5)

The above test sites and facilities are covered under FCC Test Firm Registration # 208313. Chambers A through H are covered under Industry Canada company address code 2324B with site numbers 2324B -1 through 2324B-8, respectively.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at [NVLAP Lab Search](#).

4. EQUIPMENT UNDER TEST

4.1. DESCRIPTION OF EUT

The EUT is wireless charging base capable of up to 10 watt power transfer, and 10W wireless charging pad suitable for any Qi-Certified devices including Android and IOS phones for mounting on table top hard surfaces.

4.2. DEVICES DIFFERENCES

Difference between B2B170 and B2B180:

Model B2B170 is Surface Pad or Top Mount, whereas mode B2B180 is Recessed Pad or Hidden Pad. All electronics, wiring and power supply is the same in both models. The only difference is the outside housing for different mounting variations. Both models are provided with 2 different power supplies. Power supply model ADS-26FSG-12 15023EPCU for single unit configuration and power supply 2AAL090H for quad unit configuration.

4.3. WORST-CASE CONFIGURATION AND MODE

All the tests were performed on the B2B170 model with Single unit power supply. The worst case tests were performed on the B2B170 model with Quad unit power supply.

4.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

SUPPORT EQUIPMENT & PERIPHERALS LIST			
Description	Manufacturer	Model	Serial Number
QI Receiver Simulator	AVID Technologies, Inc.	103-02	000011571817
AC Adapter (Single Unit)	Shenzhen Honor Electronics	ADS-26FSG-12 15023EPCU	N/A
AC Adapter (Quad Unit)	Channel Well Technology Co., Ltd	2AAL090H	N/A
Resistor Load	N/A	N/A	N/A
iPhone X	Apple	NMQAQ2LL/A	G6TVJ7H8JCLH

I/O CABLES

N/A

TEST SETUP

The following three configurations are tested:

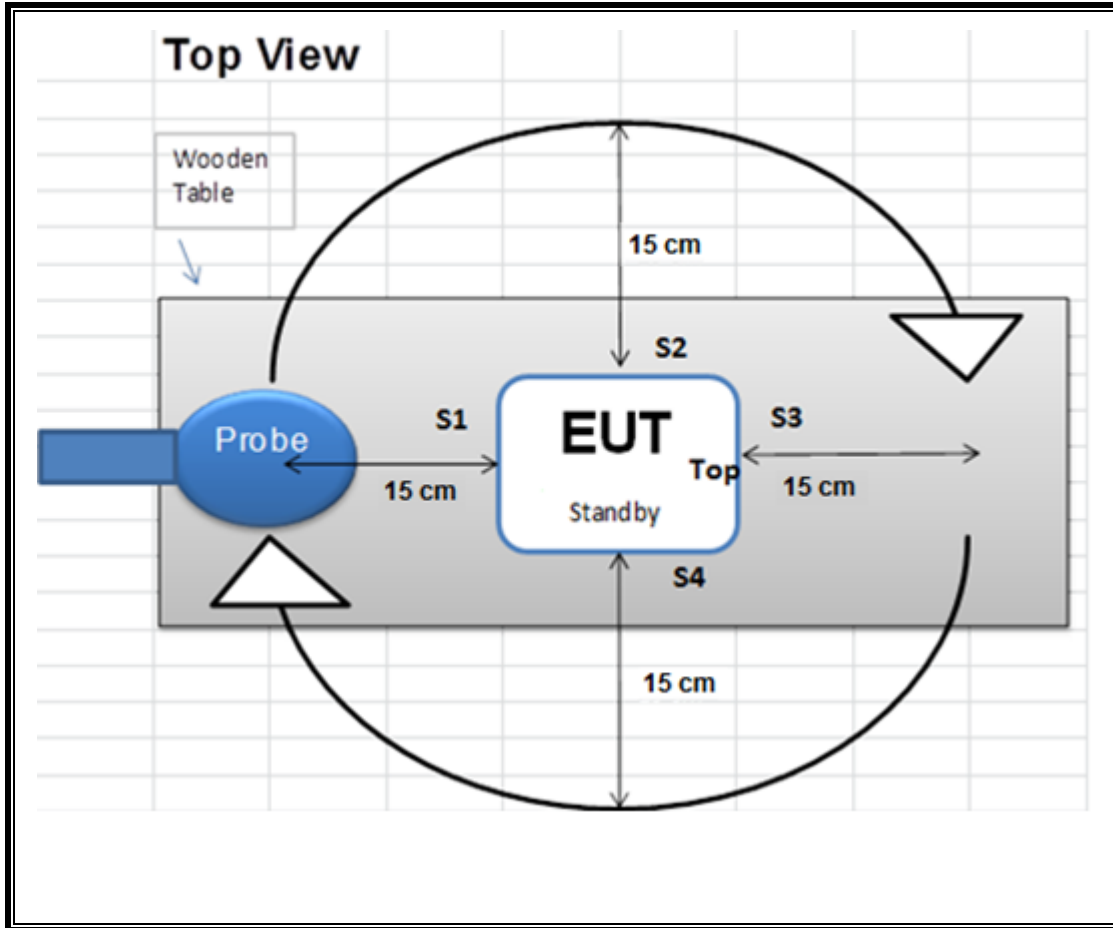
Configuration	Mode	Descriptions
1	Standby (< 10% Power Detecting)	Single Unit: EUT Alone powered by AC/DC adapter
2 (5mm shift L/R/T/B; with & without 3mm airgap)	Operating (Real Phone 5W, ~50% Power Charging) <u>Note:</u> For the configuration 2 operating with real phone, battery level of the phone was at a state of 20 – 50%.	Single Unit: EUT and real phone powered by AC/DC adapter
3 (5mm shift L/R/T/B; with & without 3mm airgap)	Operating (10W Load, >90% Power Charging)	Single Unit: EUT and 10W load powered by AC/DC adapter
4 (5mm shift L/R/T/B with 3mm airgap; worst case)	Operating (10W Load, >90% Power Charging)	Quad Units with Single Charge: EUT and one 10W load powered by AC/DC adapter
4 (5mm shift L/R/T/B with 3mm airgap; worst case)	Operating (10W Load, >90% Power Charging)	Quad Units with Full Charge, : EUT and four 10W loads powered by AC/DC adapter

Note: For the configuration 2 operating with real phone, battery level of the phone was at a state of 20 – 50%. For the configurations 2 and 3, operating with 5mm shift around four different positions (Right/Left/Top/Bottom) with and without 3mm Airgap between the phone / simulator RX and WPT EUT. For the configurations 4, operating with 5mm shift around four different positions (Right/Left/Top/Bottom) with 3mm Airgap between the simulator RX and WPT EUT as a worst case.

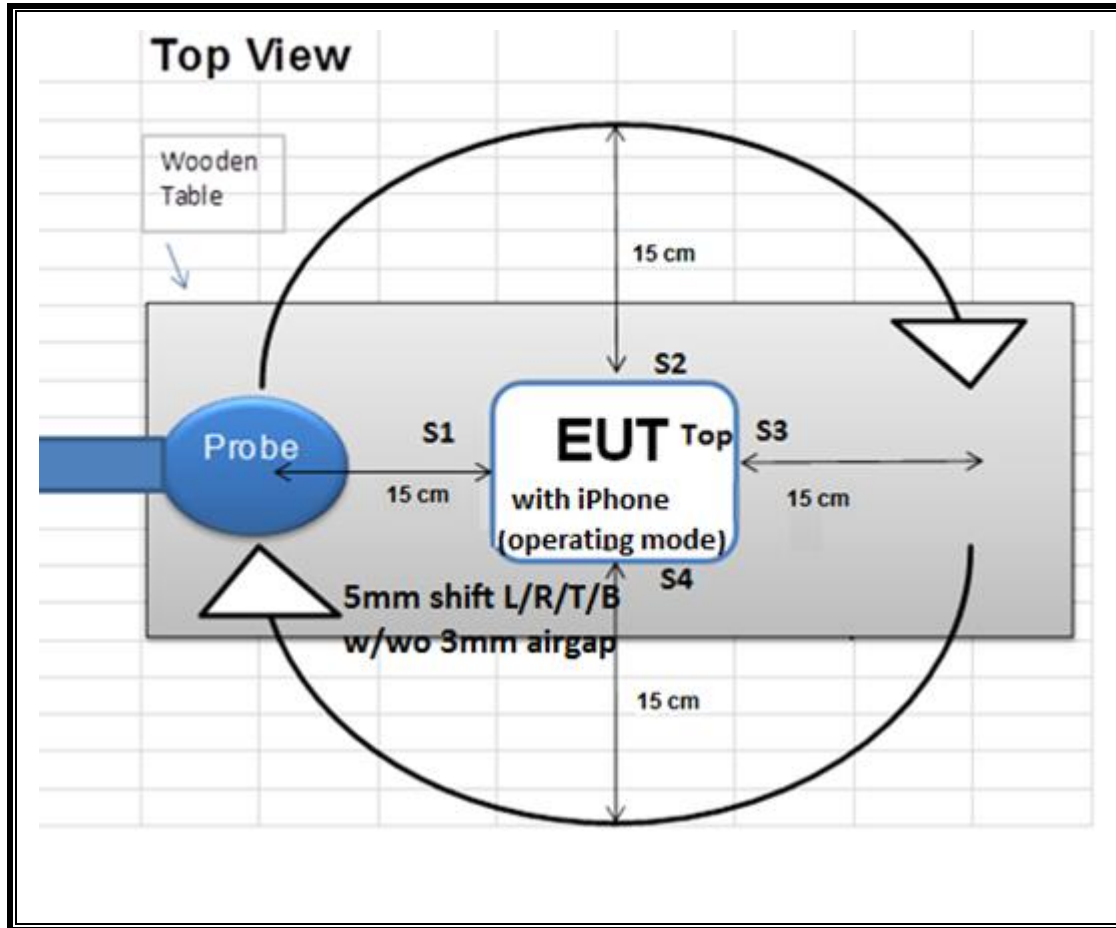
MEASUREMENT SETUP

The measurement was taken using a probe placed 15cm surrounding the device and 20cm above the top surface of the EUT. Measurements were taken from the top and all sides of the EUT per KDB680106 D01 v03.

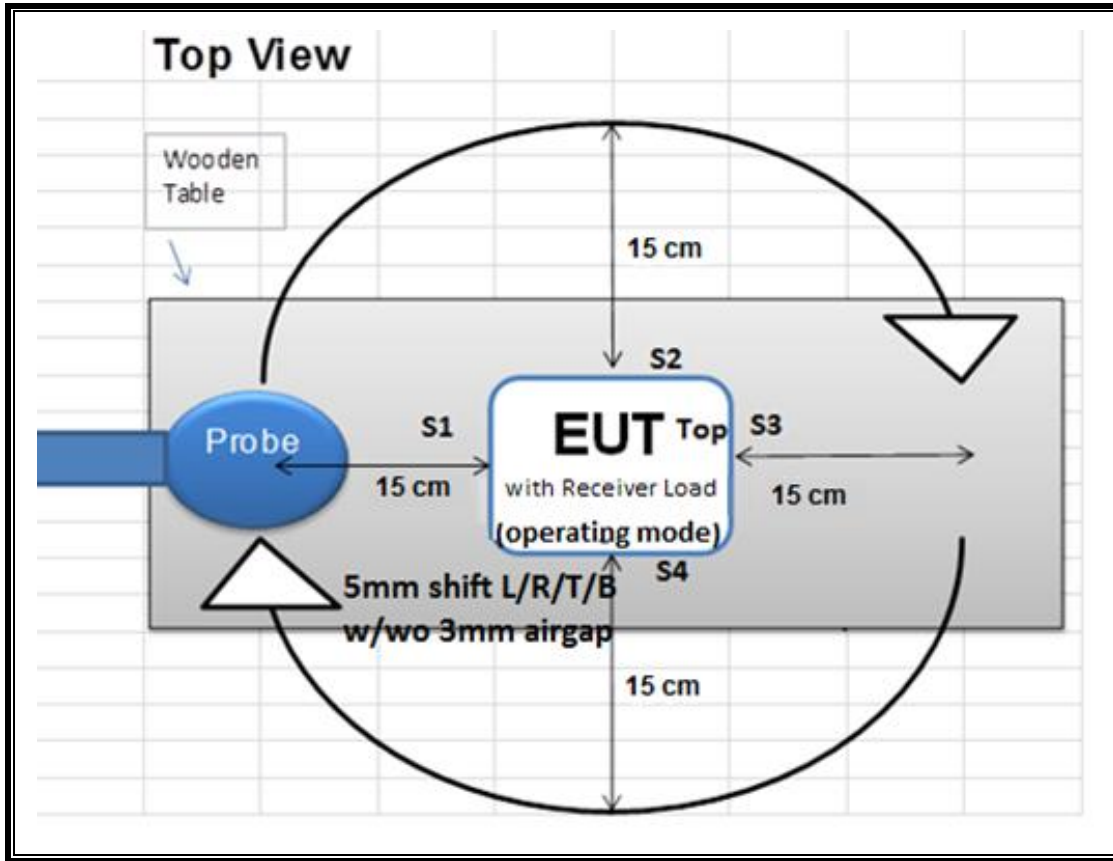
CONFIGURATION 1



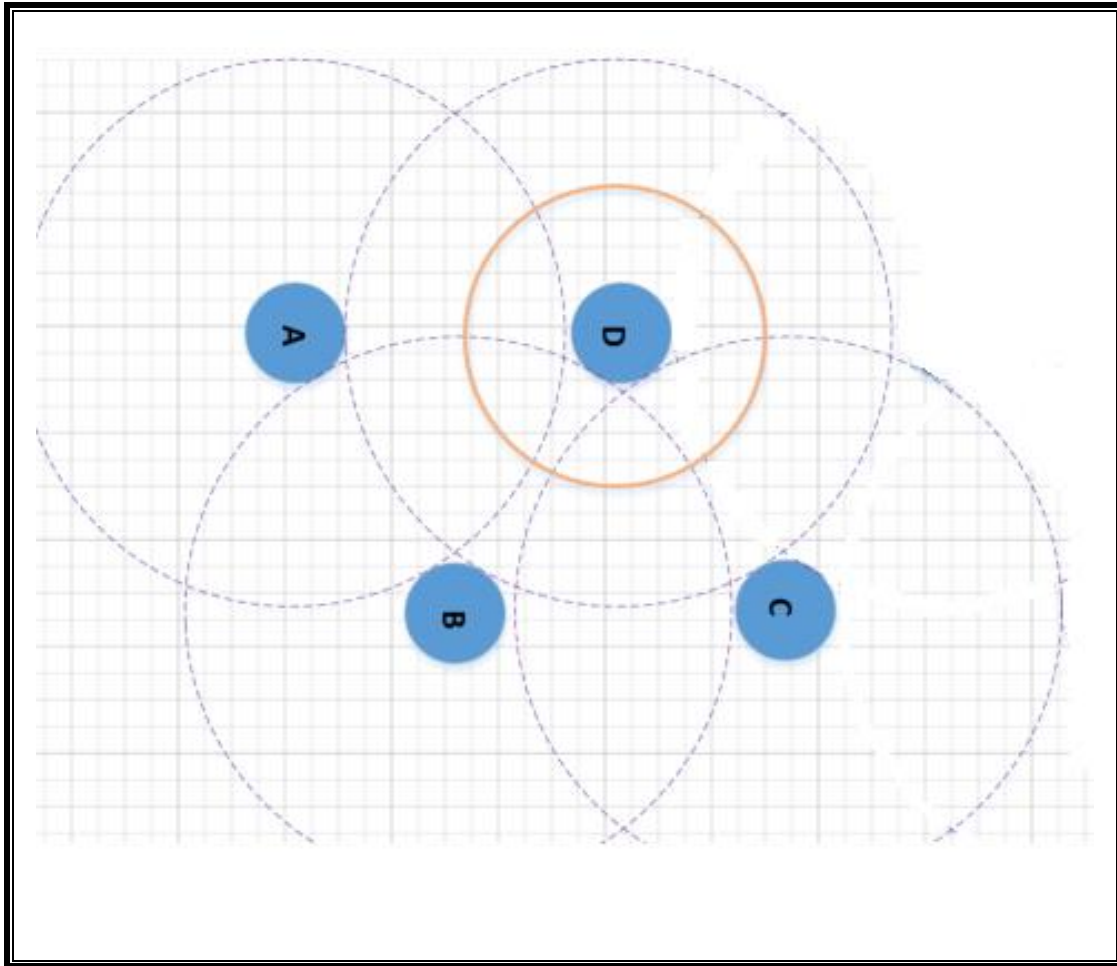
CONFIGURATIONS 2



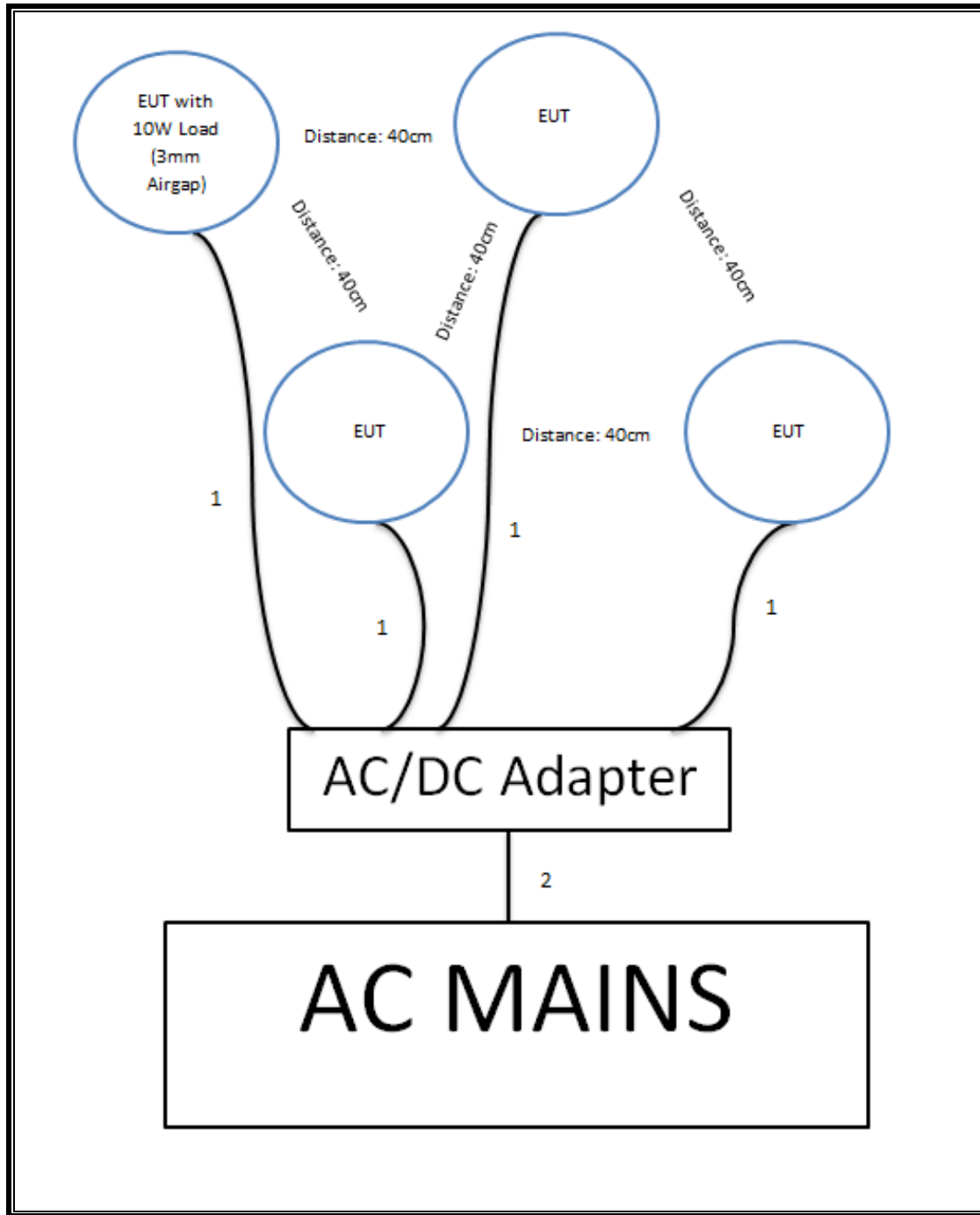
CONFIGURATIONS 3



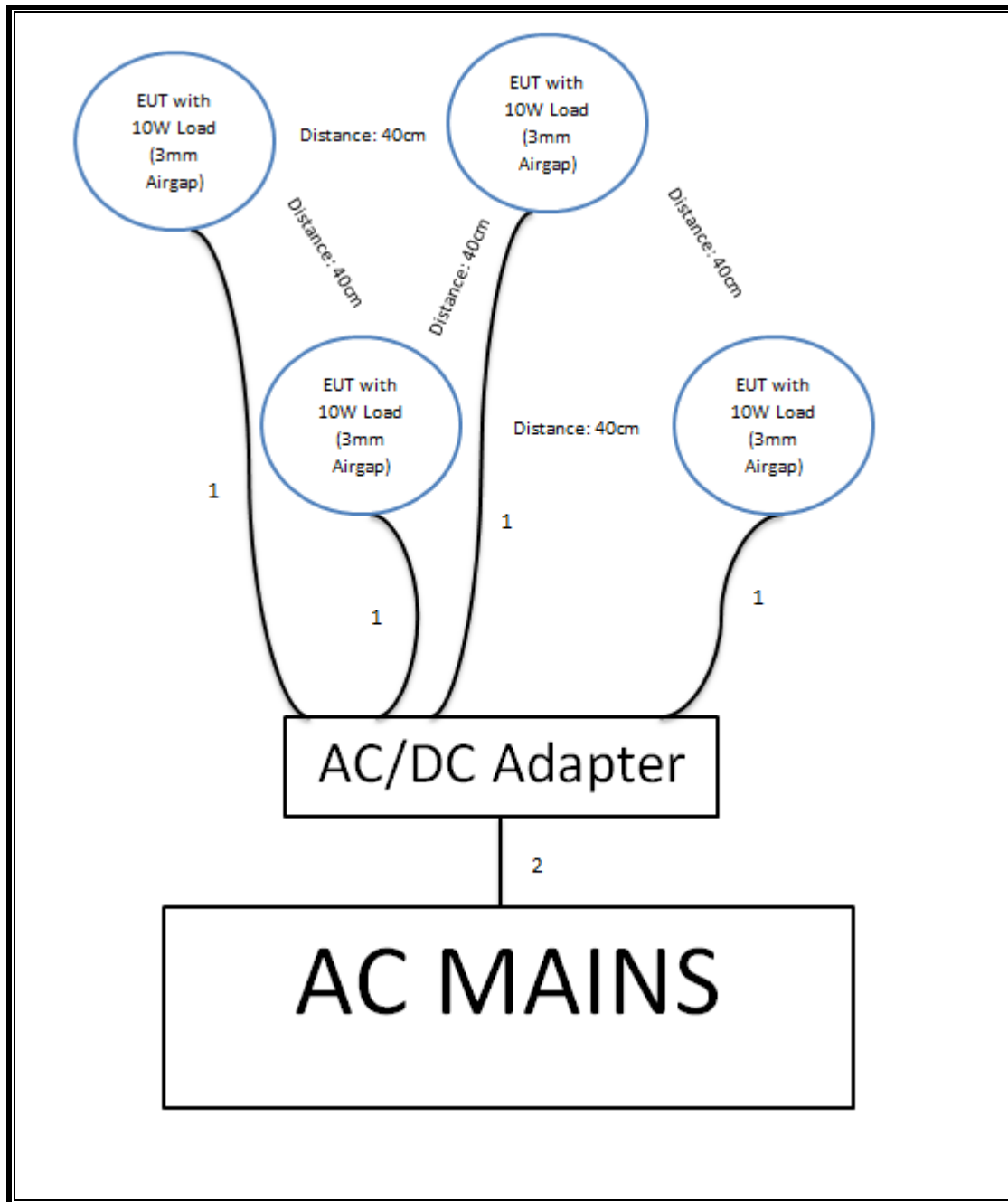
CONFIGURATIONS FOR QUAD UNIT SETUP DIAGRAM



CONFIGURATIONS 4 (QUAD UNIT WITH SINGLE CHARGE)



CONFIGURATIONS 4 (QUAD UNIT WITH FULL CHARGE)



5. 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	Local ID T No.	Cal Date	Cal Due
Electric and Magnetic Field Probe	Narda	EHP-200A	T1085	07/05/2017	07/31/2018

6. DUTY CYCLE

LIMITS

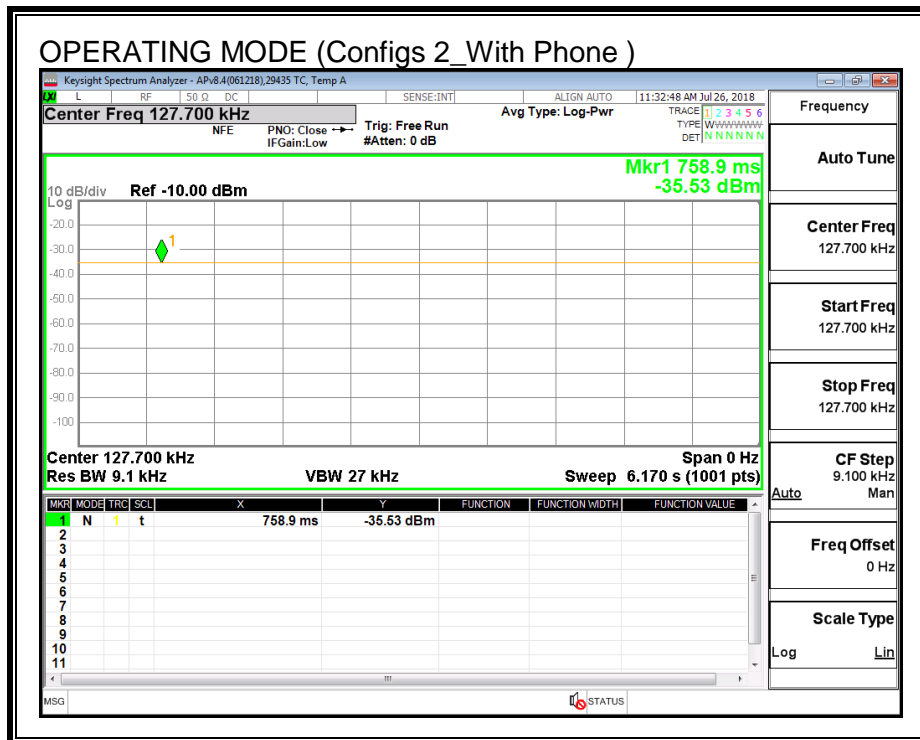
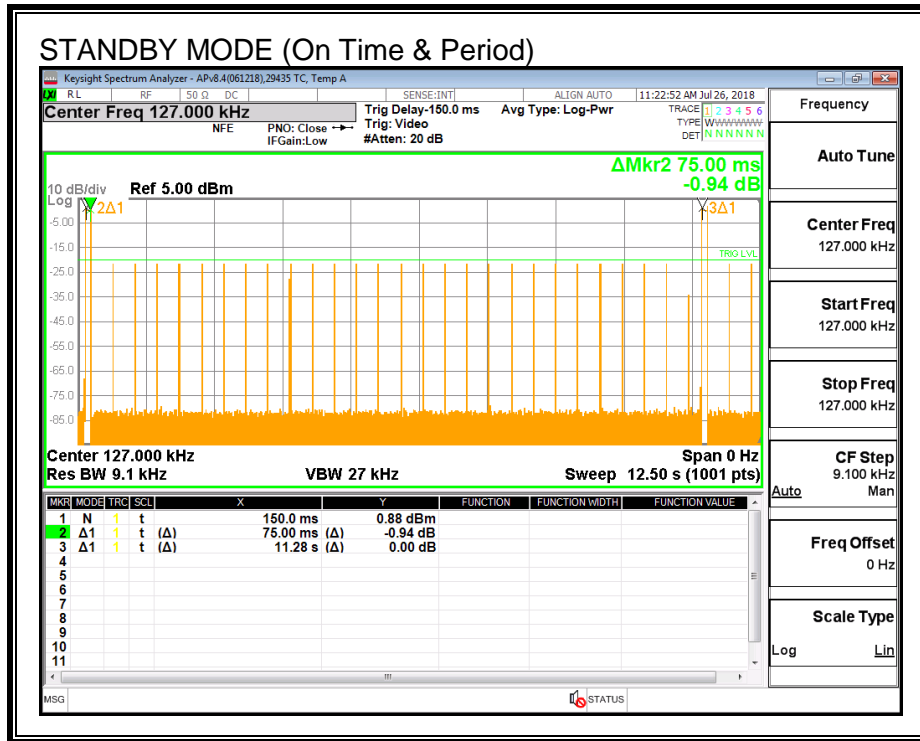
None; for reporting purposes only.

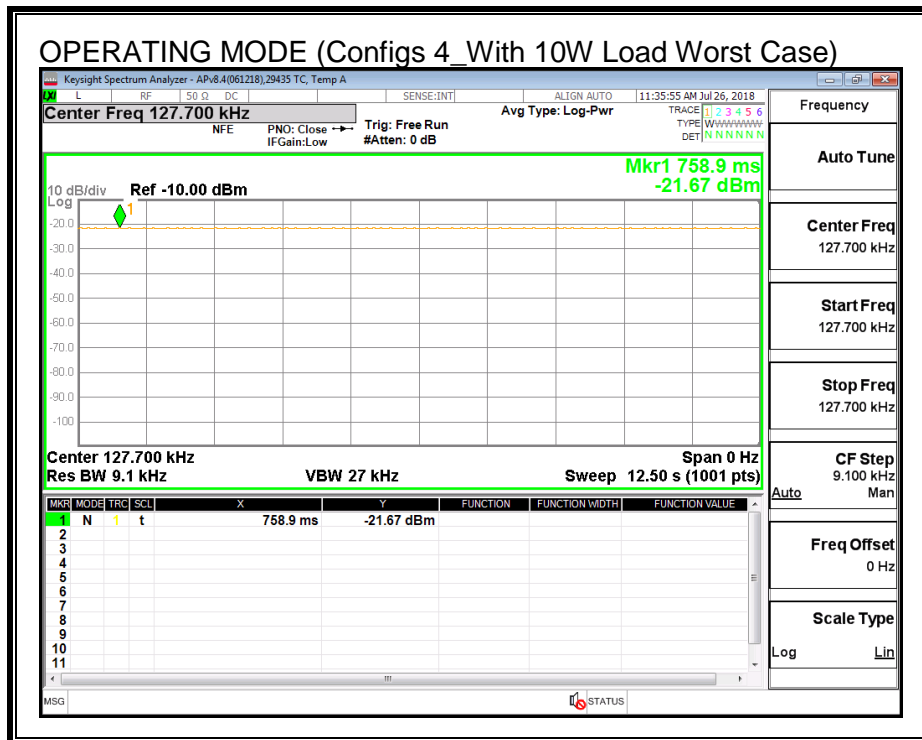
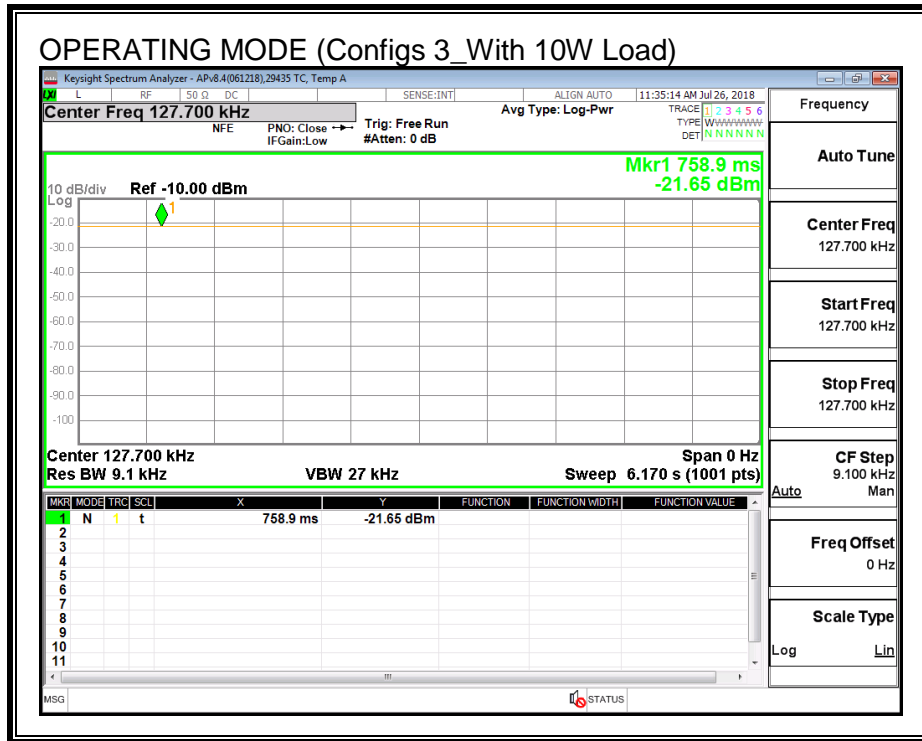
PROCEDURE

Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)
Standby (Config 1)	75.00	1128.00	0.07	6.65%
Operating(Config 2)	100.00	100.00	1.00	100.00%
Operating(Config 3)	100.00	100.00	1.00	100.00%
Operating(Config 4)	100.00	100.00	1.00	100.00%





7. MAXIMUM PERMISSIBLE RF EXPOSURE

7.1. FCC LIMITS AND SUMMARY

7.1.1. FCC LIMITS

§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.

7.1.2. FCC SUMMARY OF RESULTS

RESULTS

ID:	10629	Date:	7/31/18
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Note: Both magnetic and electric field strengths have been investigated from 9 kHz to 30 MHz at 15cm surrounding the device and 20cm above the top surface of the EUT operation frequency is at 127.7 kHz.

FCC RF Exposure Summary of Results

Single Unit:

Electric Field Limit			Magnetic Field Limit		
FCC	Maximum Average (V/m)	Percentage (%)	FCC	Maximum Average (A/m)	Percentage (%)
614	3.758	0.61%	1.63	0.796	48.83%

Quad Units:

Electric Field Limit			Magnetic Field Limit		
FCC	Maximum Average (V/m)	Percentage (%)	FCC	Maximum Average (A/m)	Percentage (%)
614	3.761	0.61%	1.63	0.761	46.69%

7.2. TEST RESULTS

7.2.1. FCC RF EXPOSURE

E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values (except for the testing for 6 mins.), were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x $\sqrt{\text{Duty Cycle}}$].

Single Unit:

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	Location	Peak	Duty Cycle %	FCC Average	FCC	Location	Peak	Duty Cycle %	FCC Average				
1	Standby power < 10% detecting	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	0.277	6.65	6.65	0.018	S1	0.036	6.65	6.65	0.002			
				S2	0.316			0.021	S2	0.034			0.002			
				S3	0.305			0.020	S3	0.036			0.002			
				S4	0.314			0.021	S4	0.035			0.002			
				Top	0.287			0.019	Top	0.059			0.004			
				Max	0.354			0.024	Max	0.456			0.030			
	2			Operating, SW Real Product (Center) Power ~ 50% Charging	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	0.460	100.00	100.00	0.031	S1	0.055	100	100	0.004
							S2	0.536			0.026	S2	0.158			0.010
							S3	0.460			0.031	S3	0.054			0.004
							S4	0.406			0.027	S4	0.144			0.010
							Top	0.550			0.037	Top	0.061			0.004
							Max	0.550			0.037	Max	0.158			0.011
Operating, SW Real Product (Shift 5mm to Right) Power ~ 50% Charging		S1	0.355	100.00			100.00	0.024	S1	0.053	100	100	0.004			
		S2	0.597					0.040	S2	0.117			0.008			
		S3	0.549					0.037	S3	0.053			0.004			
		S4	0.355					0.024	S4	0.051			0.003			
		Top	0.387					0.026	Top	0.053			0.004			
		Max	0.597					0.040	Max	0.117			0.008			
Operating, SW Real Product (Shift 5mm to Left) Power ~ 50% Charging		S1	0.511	100.00			100.00	0.034	S1	0.062	100	100	0.004			
		S2	0.459					0.031	S2	0.143			0.010			
		S3	0.562					0.037	S3	0.054			0.004			
		S4	0.501					0.033	S4	0.145			0.010			
		Top	0.362					0.024	Top	0.055			0.004			
		Max	0.563					0.037	Max	0.147			0.010			
Operating, SW Real Product (Shift 5mm to Top) Power ~ 50% Charging	S1	0.479	100.00	100.00	0.032	S1	0.153	100	100	0.010						
	S2	0.480			0.032	S2	0.095			0.006						
	S3	0.563			0.037	S3	0.233			0.015						
	S4	0.480			0.032	S4	0.199			0.013						
	Top	0.479			0.032	Top	0.062			0.004						
	Max	0.565			0.038	Max	0.233			0.015						
Operating, SW Real Product (Shift 5mm to Bottom) Power ~ 50% Charging	S1	0.498	100.00	100.00	0.033	S1	0.155	100	100	0.010						
	S2	0.536			0.036	S2	0.183			0.012						
	S3	0.475			0.032	S3	0.291			0.019						
	S4	0.421			0.028	S4	0.309			0.021						
	Top	0.394			0.026	Top	0.076			0.005						
	Max	0.545			0.036	Max	0.311			0.021						

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, 5W Real Product (3mm Airgap at Center) Power > 50% Charging	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	0.417	100.00	0.417	1.63	S1	0.055	100	0.055
				S2	0.523				S2	0.089		
				S3	0.417				S3	0.069		
				S4	0.498				S4	0.065		
				Top	0.417				Top	0.089		
				Max	0.533				Max	0.091		
	S1			0.398	100.00	0.398	S1		0.092	100	0.092	
	S2			0.587			S2		0.166			
	S3			0.472			S3		0.133			
	S4			0.526			S4		0.096			
	Top			0.346			Top		0.053			
	Max			0.591			Max		0.166			
	S1			0.475	100.00	0.475	S1		0.099	100	0.099	
	S2			0.544			S2		0.060			
	S3			0.537			S3		0.133			
	S4			0.531			S4		0.054			
	Top			0.523			Top		0.093			
	Max			0.544			Max		0.134			
	S1			0.371	100.00	0.371	S1		0.053	100	0.053	
	S2			0.387			S2		0.053			
S3	0.406	S3	0.175									
S4	0.534	S4	0.320									
Top	0.398	Top	0.100									
Max	0.536	Max	0.032									
S1	0.574	100.00	0.574	S1	0.338	100	0.338					
S2	0.613			S2	0.539							
S3	0.440			S3	0.286							
S4	0.575			S4	0.300							
Top	0.406			Top	0.309							
Max	0.613			Max	0.539							

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, 10W Load (Center) Power > 90% Charging	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	1.456	100.00	1.456	1.63	S1	0.109	100	0.109
				S2	1.483				S2	0.131		
				S3	1.216				S3	0.132		
				S4	1.471				S4	0.109		
				Top	2.023				Top	0.473		
				Max	2.023				Max	0.473		
	S1			1.484	100.00	1.484	S1		0.239	100	0.239	
	S2			1.421			S2		0.184			
	S3			0.983			S3		0.230			
	S4			0.434			S4		0.259			
	Top			2.005			Top		0.562			
	Max			2.005			Max		0.563			
	S1			0.668	100.00	0.668	S1		0.182	100	0.182	
	S2			1.662			S2		0.159			
	S3			1.246			S3		0.200			
	S4			0.328			S4		0.034			
	Top			1.932			Top		0.538			
	Max			1.932			Max		0.541			
	S1			0.585	100.00	0.585	S1		0.568	100	0.568	
	S2			1.488			S2		0.398			
S3	1.337	S3	0.517									
S4	1.429	S4	0.265									
Top	0.546	Top	0.597									
Max	1.488	Max	0.597									
S1	1.590	100.00	1.590	S1	0.597	100	0.597					
S2	1.591			S2	0.692							
S3	1.288			S3	0.519							
S4	1.528			S4	0.528							
Top	1.694			Top	0.452							
Max	1.694			Max	0.692							

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, 10W Load (3mm Airgap at Center) Power > 90% Charging	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	1.417	100.00	1.417	1.63	S1	0.187	100	0.187
				S2	1.466				S2	0.161		
				S3	0.855				S3	0.167		
				S4	1.322				S4	0.177		
				Top	1.742				Top	0.676		
	Max			1.742	Max	0.673						
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Right) Power > 90% Charging			S1	1.291	100.00	1.291		S1	0.234	100	0.234
				S2	1.463				S2	0.233		
				S3	0.878				S3	0.201		
				S4	0.859				S4	0.345		
				Top	3.158				Top	0.675		
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Left) Power > 90% Charging			Max	3.158	100.00	3.158		Max	0.675	100	0.675
				S1	1.481				S1	0.199		
				S2	1.255				S2	0.289		
				S3	0.981				S3	0.190		
				S4	1.507				S4	0.218		
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Top) Power > 90% Charging			Top	0.671	100.00	0.671		Top	0.746	100	0.746
				Max	1.507				Max	0.746		
				S1	0.975				S1	0.551		
				S2	0.564				S2	0.406		
S3		0.750	S3	0.524								
Operating, 10W Load (3mm Airgap & 5mm Shift to the Bottom) Power > 90% Charging	S4	1.317	100.00	1.317	S4	0.488	100	0.488				
	Top	0.804			Top	0.795						
	Max	1.340			Max	0.796						
	S1	1.028			S1	0.748						
	S2	1.276			S2	0.704						
	S3	0.551	100.00	0.551	S3	0.784	100	0.784				
	S4	1.255			S4	0.587						
	Top	1.664			Top	0.622						
	Max	1.817			Max	0.748						

Quad Unit with Single Charge of 10W Load (Worst Case Configuration):

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, 10W Load (3mm Airgap at Center) Power > 90% Charging	15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT	614	S1	1.504	100.00	1.504	1.63	S1	0.171	100	0.171
				S2	1.464				S2	0.176		
				S3	1.503				S3	0.157		
				S4	1.574				S4	0.194		
				Top	2.946				Top	0.608		
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Right) Power > 90% Charging			Max	3.605	100.00	3.605		Max	0.608	100	0.608
				S1	1.400				S1	0.211		
				S2	0.925				S2	0.228		
				S3	0.760				S3	0.294		
				S4	0.641				S4	0.378		
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Left) Power > 90% Charging			Top	2.098	100.00	2.098		Top	0.731	100	0.731
				Max	2.098				Max	0.731		
				S1	1.488				S1	0.259		
				S2	1.620				S2	0.181		
				S3	1.527				S3	0.232		
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Top) Power > 90% Charging			S4	0.679	100.00	0.679		S4	0.304	100	0.304
				Top	1.151				Top	0.760		
				Max	1.631				Max	0.760		
				S1	0.955				S1	0.555		
				S2	1.094				S2	0.413		
Operating, 10W Load (3mm Airgap & 5mm Shift to the Bottom) Power > 90% Charging	S3	0.895	100.00	0.895	S3	0.573	100	0.573				
	S4	0.759			S4	0.665						
	Top	0.964			Top	0.759						
	Max	1.102			Max	0.759						
	S1	1.141			S1	0.758						
	S2	1.722	100.00	1.722	S2	0.579	100	0.579				
	S3	0.717			S3	0.743						
	S4	0.758			S4	0.685						
	Top	3.631			Top	0.641						
	Max	3.631			Max	0.761						

Quad Unit with Full Charge of 4 X 10W Loads (Worst Case Configuration):

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, 10W Load (3mm Airgap at Center) Power > 90% Charging	15 cm surrounding the device [S1 - S4] and 20 cm above the top surface of the EUT	614	S1	2.744	100.00	2.744	1.63	S1	0.162	100	0.162		
				S2	2.764				S2	0.248				
				S3	2.636				S3	0.156				
				S4	3.761				S4	0.143				
				Top	2.946				Top	0.608				
	Max			3.761	Max	0.608								
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Right) Power > 90% Charging			S1	1.207	100.00	1.207		S1	0.211				
				S2	1.852				S2	0.449				
				S3	1.203				S3	0.255				
				S4	0.705				S4	0.207				
				Top	2.098				Top	0.731				
	Max			2.098	Max	0.731								
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Left) Power > 90% Charging			S1	1.184	100.00	1.184		S1	0.740				
				S2	1.743				S2	0.385				
				S3	2.644				S3	0.245				
				S4	2.122				S4	0.169				
				Top	1.151				Top	0.760				
	Max			2.644	Max	0.760								
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Top) Power > 90% Charging			S1	2.295	100.00	2.295		S1	0.283				
				S2	1.149				S2	0.284				
S3		2.449	S3	0.640										
S4		1.509	S4	0.533										
Top		0.964	Top	0.759										
Max	2.449	Max	0.759											
Operating, 10W Load (3mm Airgap & 5mm Shift to the Bottom) Power > 90% Charging	S1	2.136	100.00	2.136	S1	0.320								
	S2	0.941			S2	0.245								
	S3	2.733			S3	0.458								
	S4	0.935			S4	0.556								
	Top	3.631			Top	0.641								
Max	3.631	Max	0.641											