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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NVLAP LAB CODE 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	08/10/2018	Initial Issue	Jason Qian

TABLE OF CONTENTS

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:

Thu Chan
Operations Leader
UL Verification Service Inc.

Prepared By:

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
☐ Chamber A (IC:2324B-1)	☐ Chamber D (IC:22541-1)
☐ Chamber B (IC:2324B-2)	☐ Chamber E (IC:22541-2)
☐ Chamber C (IC:2324B-3)	☐ Chamber F (IC:22541-3)
☒ Immunity Area	☐ Chamber G (IC:22541-4)
	☐ 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:

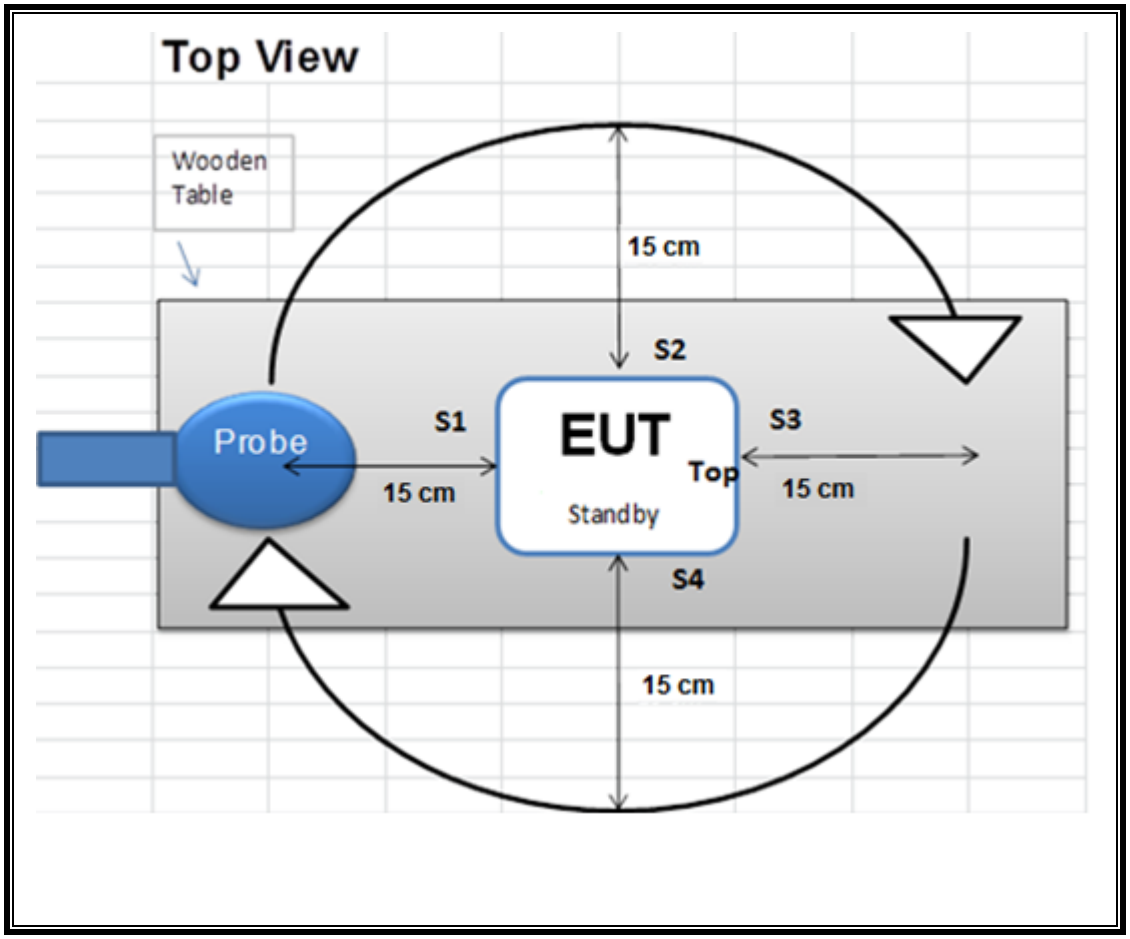
Configuration	Mode	Descriptions
1	Standby (< 10% Power Detecting)	Single Unit: EUT Alone powered by AC/DC adapter
2 (5mm shift L/R/T/B; with & without 3mm airgap)	Operating (Real Phone 5W, ~50% Power Charging) Note: For the configuration 2 operating with real phone, battery level of the phone was at 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.

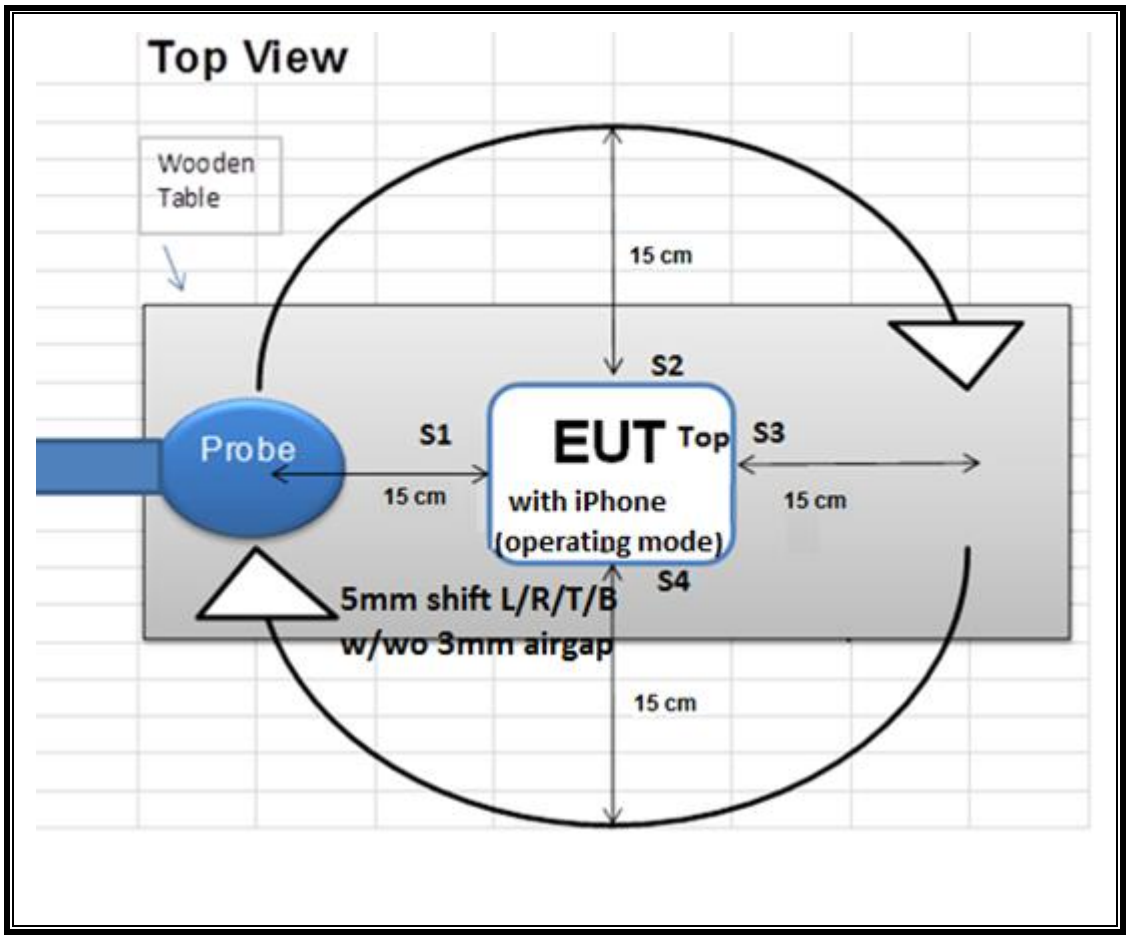
MEASUREMENT SETUP

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.

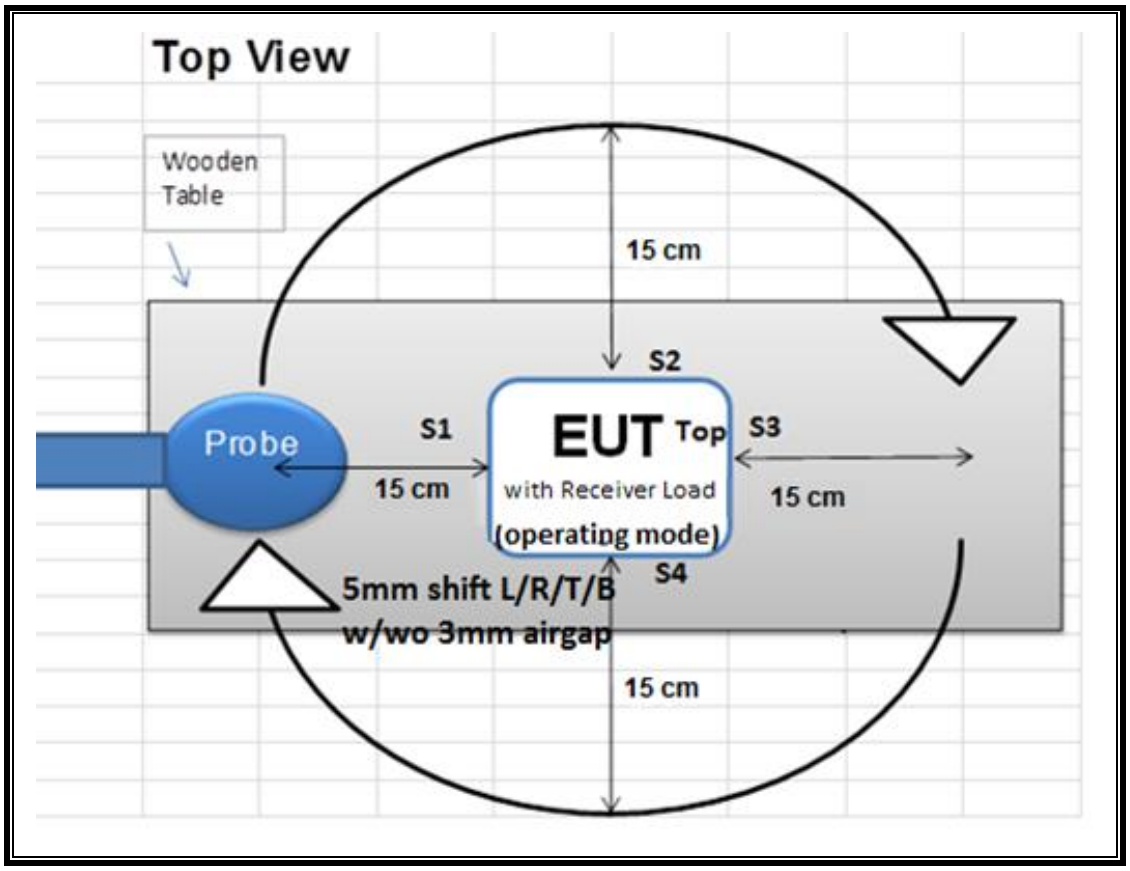
CONFIGURATION 1



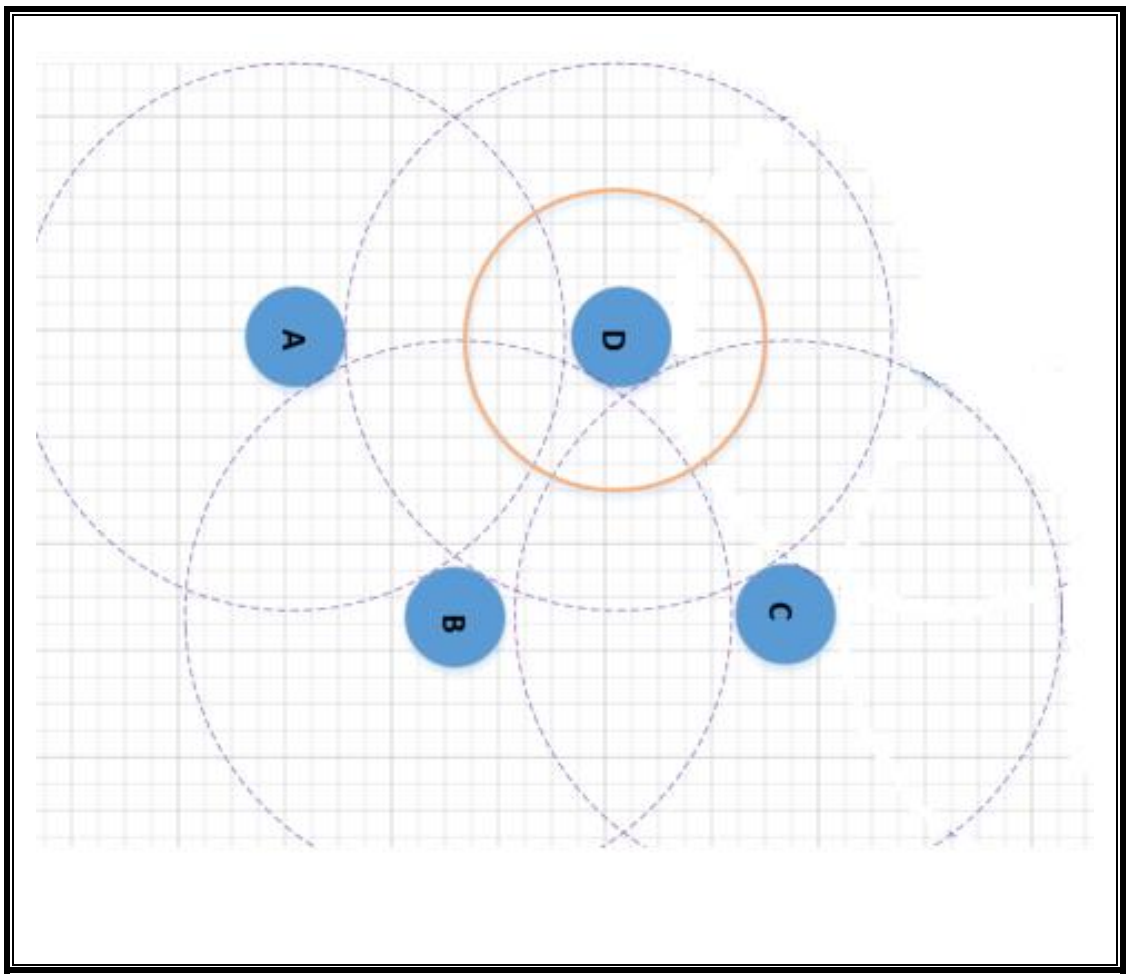
CONFIGURATIONS 2



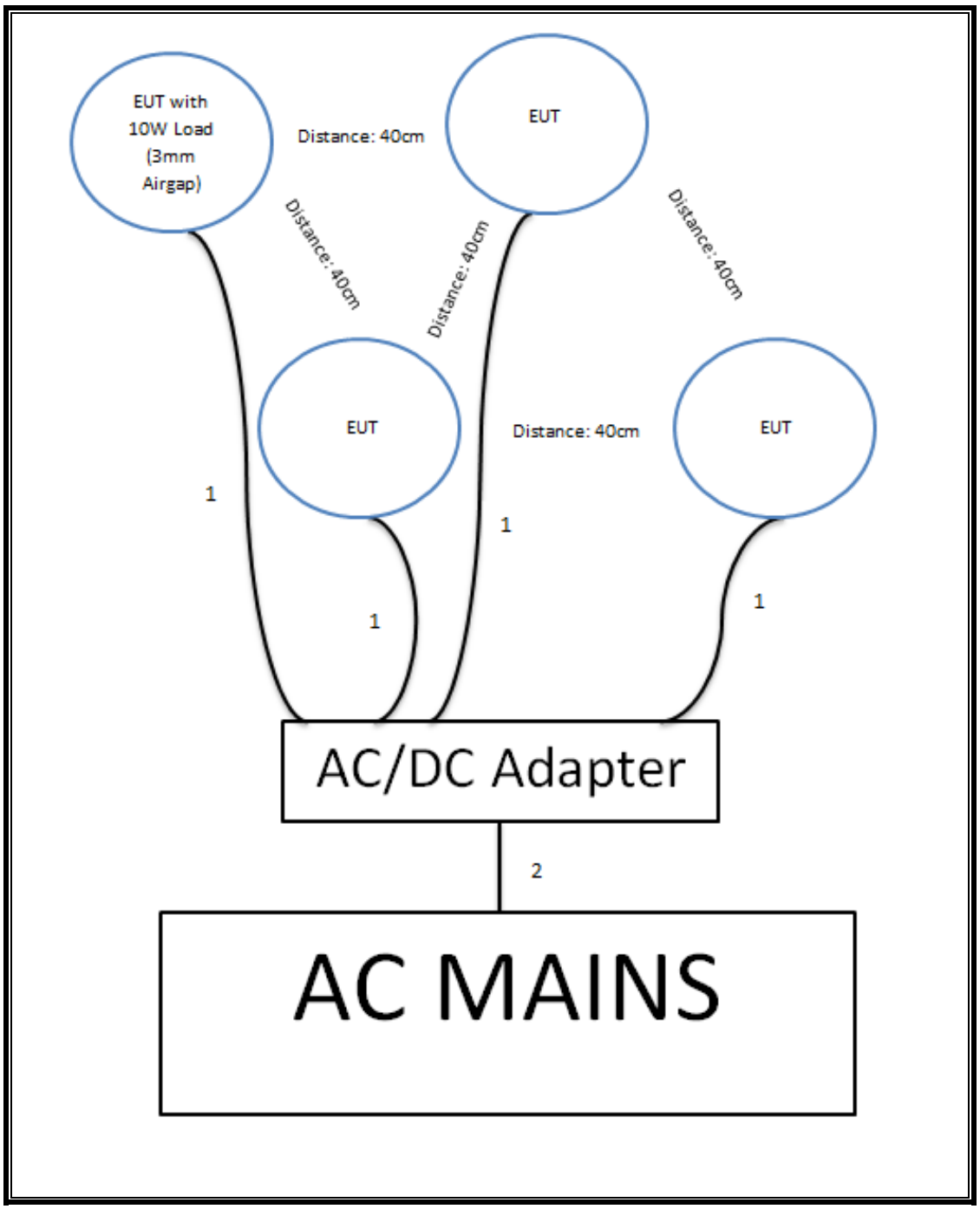
CONFIGURATIONS 3



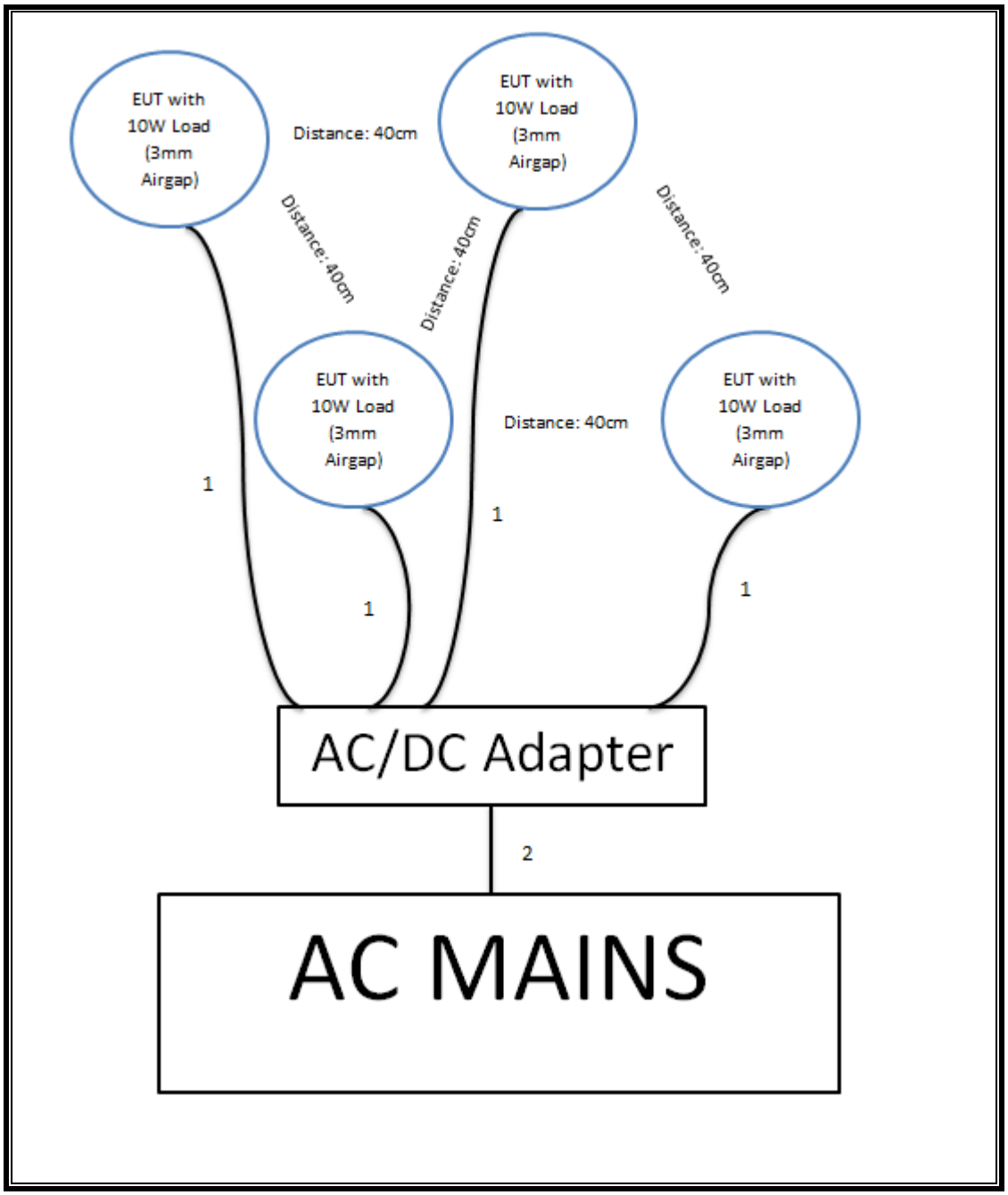
CONFIGURATIONS FOR QUAD UNIT SETUP DIAGRAM



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.

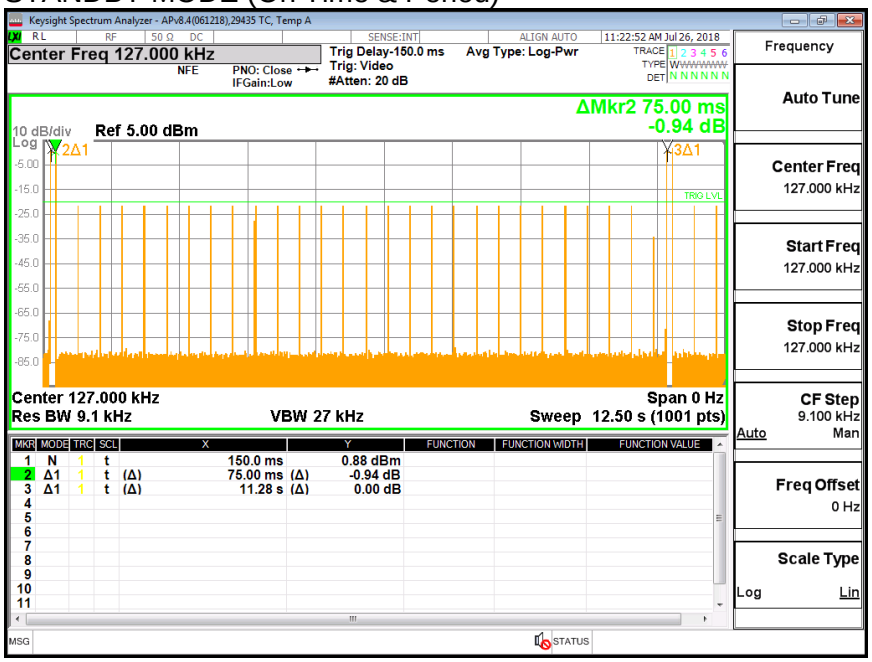
PROCEDURE

Zero-Span Spectrum Analyzer Method.

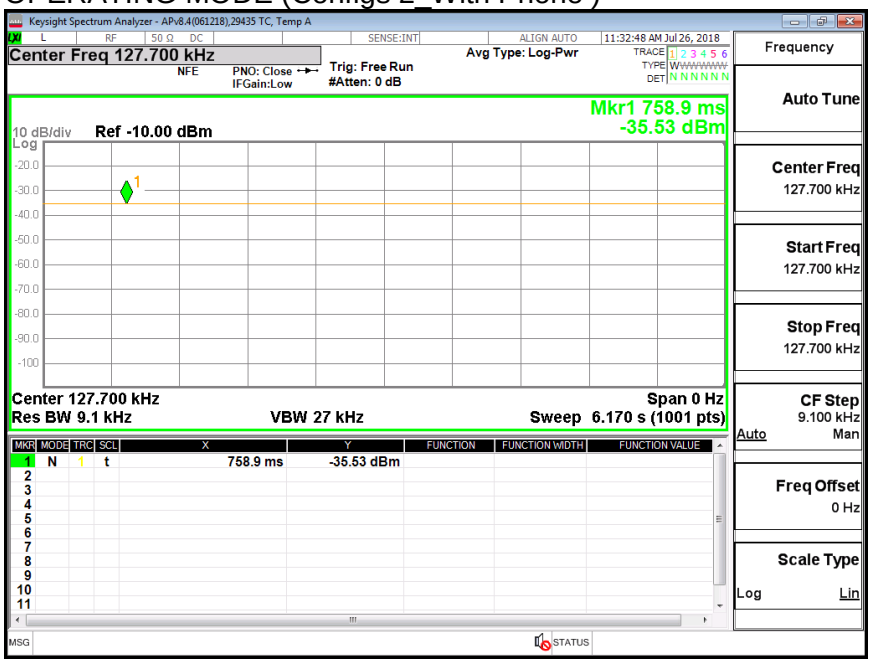
ON TIME AND DUTY CYCLE RESULTS

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%

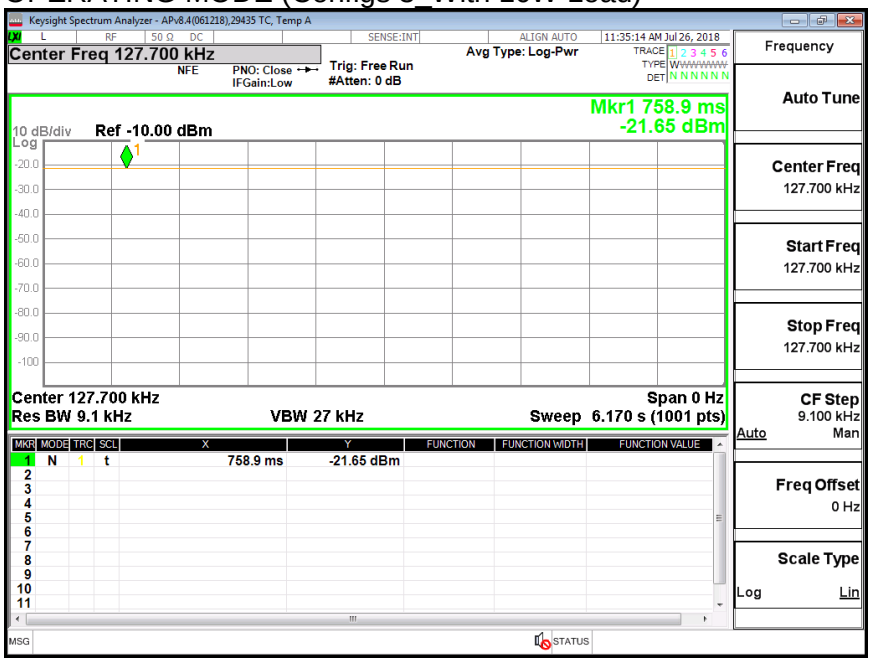
STANDBY MODE (On Time & Period)



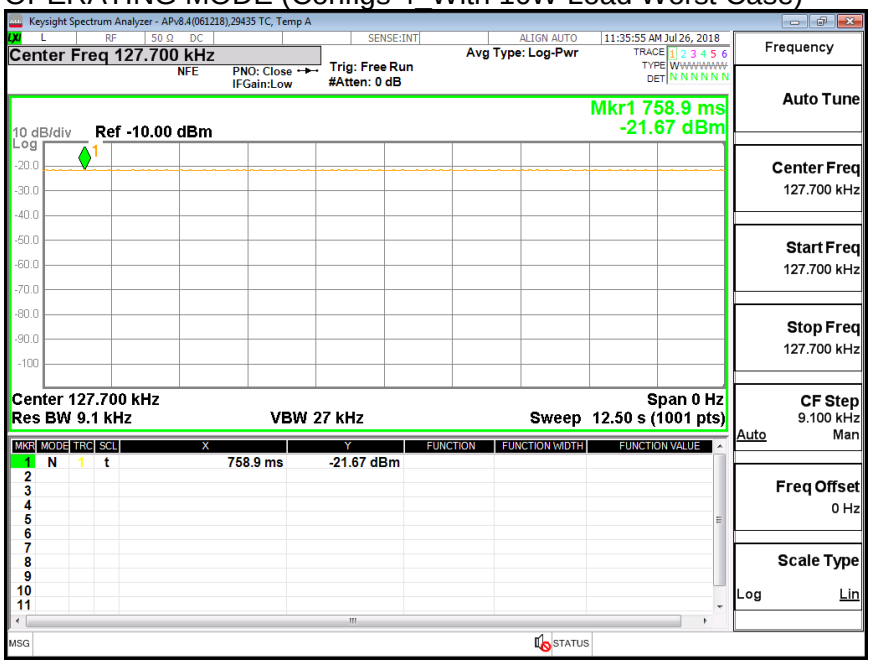
OPERATING MODE (Configs 2_With Phone)



OPERATING MODE (Configs 3_With 10W Load)



OPERATING MODE (Configs 4_With 10W Load Worst Case)



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 consequenoe 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

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 √Duty Cycle].

Single Unit:

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
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	0.018	1.63	S1	0.036	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
				6 mins	0.283		0.019		6 mins	0.098		0.007
2	Operating, 5W Real Product (Center) Power ~ 50% Charging			S1	0.460	100.00	0.031		S1	0.055	100	0.004
				S2	0.536		0.036		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, 5W Real Product (Shift 5mm to Right) Power ~ 50% Charging			S1	0.355	100.00	0.024		S1	0.053	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, 5W Real Product (Shift 5mm to Left) Power ~ 50% Charging			S1	0.511	100.00	0.034		S1	0.062	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, 5W Real Product (Shift 5mm to Top) Power ~ 50% Charging			S1	0.479	100.00	0.032		S1	0.153	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, 5W Real Product (Shift 5mm to Bottom) Power ~ 50% Charging			S1	0.498	100.00	0.033		S1	0.155	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		0.523		S2	0.089		0.089
				S3	0.417		0.417		S3	0.069		0.069
				S4	0.498		0.498		S4	0.065		0.065
				Top	0.417		0.417		Top	0.089		0.089
				Max	0.533		0.533		Max	0.091		0.091
	Operating, 5W Real Product (3mm Airgap & 5mm Shift to the Right) Power > 50% Charging			S1	0.398	100.00	0.398		S1	0.092	100	0.092
				S2	0.587		0.587		S2	0.166		0.166
				S3	0.472		0.472		S3	0.133		0.133
				S4	0.526		0.526		S4	0.096		0.096
				Top	0.346		0.346		Top	0.053		0.053
				Max	0.591		0.591		Max	0.166		0.166
	Operating, 5W Real Product (3mm Airgap & 5mm Shift to the Left) Power > 50% Charging			S1	0.475	100.00	0.475		S1	0.099	100	0.099
				S2	0.544		0.544		S2	0.060		0.060
				S3	0.537		0.537		S3	0.133		0.133
				S4	0.531		0.531		S4	0.054		0.054
				Top	0.523		0.523		Top	0.093		0.093
				Max	0.544		0.544		Max	0.134		0.134
	Operating, 5W Real Product (3mm Airgap & 5mm Shift to the Top) Power > 50% Charging			S1	0.371	100.00	0.371		S1	0.053	100	0.053
				S2	0.387		0.387		S2	0.053		0.053
				S3	0.406		0.406		S3	0.175		0.175
				S4	0.534		0.534		S4	0.320		0.320
				Top	0.398		0.398		Top	0.100		0.100
				Max	0.536		0.536		Max	0.032		0.032
	Operating, 5W Real Product (3mm Airgap & 5mm Shift to the Bottom) Power > 50% Charging			S1	0.574	100.00	0.574		S1	0.338	100	0.338
				S2	0.613		**0.613**		S2	0.539		0.539
				S3	0.440		0.440		S3	0.286		0.286
				S4	0.575		0.575		S4	0.300		0.300
				Top	0.406		0.406		Top	0.309		0.309
				Max	0.613		**0.613**		Max	0.539		**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		1.483		S2	0.131		0.131
				S3	1.216		1.216		S3	0.132		0.132
				S4	1.471		1.471		S4	0.109		0.109
				Top	2.023		2.023		Top	0.473		0.473
				Max	2.023		**2.023**		Max	0.473		0.473
	Operating, 10W Load (Shift 5mm to Right) Power > 90% Charging			S1	1.484	100.00	1.484		S1	0.239	100	0.239
				S2	1.421		1.421		S2	0.184		0.184
				S3	0.983		0.983		S3	0.230		0.230
				S4	0.434		0.434		S4	0.259		0.259
				Top	2.005		2.005		Top	0.562		0.562
				Max	2.005		2.005		Max	0.563		0.563
	Operating, 10W Load (Shift 5mm to Left) Power > 90% Charging			S1	0.668	100.00	0.668		S1	0.182	100	0.182
				S2	1.662		1.662		S2	0.159		0.159
				S3	1.246		1.246		S3	0.200		0.200
				S4	0.328		0.328		S4	0.034		0.034
				Top	1.932		1.932		Top	0.538		0.538
				Max	1.932		1.932		Max	0.541		0.541
	Operating, 10W Load (Shift 5mm to Top) Power > 90% Charging			S1	0.585	100.00	0.585		S1	0.568	100	0.568
				S2	1.488		1.488		S2	0.398		0.398
				S3	1.337		1.337		S3	0.517		0.517
				S4	1.429		1.429		S4	0.265		0.265
				Top	0.546		0.546		Top	0.597		0.597
				Max	1.488		1.488		Max	0.597		0.597
	Operating, 10W Load (Shift 5mm to Bottom) Power > 90% Charging			S1	1.590	100.00	1.590		S1	0.597	100	0.597
				S2	1.591		1.591		S2	0.692		0.692
				S3	1.288		1.288		S3	0.519		0.519
				S4	1.528		1.528		S4	0.528		0.528
				Top	1.694		1.694		Top	0.452		0.452
				Max	1.694		1.694		Max	0.692		**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		1.466		S2	0.161		0.161
				S3	0.855		0.855		S3	0.167		0.167
				S4	1.322		1.322		S4	0.177		0.177
				Top	1.742		1.742		Top	0.676		0.676
				Max	1.742		1.742		Max	0.673		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		1.463		S2	0.233		0.233
				S3	0.878		0.878		S3	0.201		0.201
				S4	0.859		0.859		S4	0.345		0.345
				Top	3.158		**3.758**		Top	0.675		0.675
				Max	8.158		**3.758**		Max	0.675		0.675
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Left) Power > 90% Charging			S1	1.481	100.00	1.481		S1	0.199	100	0.199
				S2	1.255		1.255		S2	0.289		0.289
				S3	0.981		0.981		S3	0.190		0.190
				S4	1.507		1.507		S4	0.218		0.218
				Top	0.671		0.671		Top	0.746		0.746
				Max	1.507		1.507		Max	0.746		0.746
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Top) Power > 90% Charging			S1	0.975	100.00	0.975		S1	0.551	100	0.551
				S2	0.564		0.564		S2	0.406		0.406
				S3	0.750		0.750		S3	0.524		0.524
				S4	1.317		1.317		S4	0.488		0.488
				Top	0.804		0.804		Top	0.795		0.795
				Max	1.340		1.340		Max	0.796		**0.796**
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Bottom) Power > 90% Charging			S1	1.028	100.00	1.028		S1	0.748	100	0.748
				S2	1.276		1.276		S2	0.704		0.704
				S3	0.551		0.551		S3	0.784		0.784
				S4	1.255		1.255		S4	0.587		0.587
				Top	1.664		1.664		Top	0.622		0.622
				Max	1.817		1.817		Max	0.748		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		1.464		S2	0.176		0.176
				S3	1.503		1.503		S3	0.157		0.157
				S4	1.574		1.574		S4	0.194		0.194
				Top	2.946		2.946		Top	0.608		0.608
				Max	3.605		3.605		Max	0.608		0.608
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Right) Power > 90% Charging			S1	1.400	100.00	1.400		S1	0.211	100	0.211
				S2	0.925		0.925		S2	0.228		0.228
				S3	0.760		0.760		S3	0.294		0.294
				S4	0.641		0.641		S4	0.378		0.378
				Top	2.098		2.098		Top	0.731		0.731
				Max	2.098		2.098		Max	0.731		0.731
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Left) Power > 90% Charging			S1	1.488	100.00	1.488		S1	0.259	100	0.259
				S2	1.620		1.620		S2	0.181		0.181
				S3	1.527		1.527		S3	0.232		0.232
				S4	0.679		0.679		S4	0.304		0.304
				Top	1.151		1.151		Top	0.760		0.760
				Max	1.631		1.631		Max	0.760		0.760
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Top) Power > 90% Charging			S1	0.955	100.00	0.955		S1	0.555	100	0.555
				S2	1.094		1.094		S2	0.413		0.413
				S3	0.895		0.895		S3	0.573		0.573
				S4	0.759		0.759		S4	0.665		0.665
				Top	0.964		0.964		Top	0.759		0.759
				Max	1.102		1.102		Max	0.759		0.759
	Operating, 10W Load (3mm Airgap & 5mm Shift to the Bottom) Power > 90% Charging			S1	1.141	100.00	1.141		S1	0.758	100	0.758
				S2	1.722		1.722		S2	0.579		0.579
				S3	0.717		0.717		S3	0.743		0.743
				S4	0.758		0.758		S4	0.685		0.685
				Top	3.631		3.631		Top	0.641		0.641
				Max	3.631		**3.631**		Max	0.761		**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		2.764		S2	0.248		0.248
				S3	2.636		2.636		S3	0.156		0.156
				S4	3.761		3.761		S4	0.143		0.143
				Top	2.946		2.946		Top	0.608		0.608
				Max	3.761		**3.761**		Max	0.608		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	100	0.211
				S2	1.852		1.852		S2	0.449		0.449
				S3	1.203		1.203		S3	0.255		0.255
				S4	0.705		0.705		S4	0.207		0.207
				Top	2.098		2.098		Top	0.731		0.731
				Max	2.098		2.098		Max	0.731		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	100	0.740
				S2	1.743		1.743		S2	0.385		0.385
				S3	2.644		2.644		S3	0.245		0.245
				S4	2.122		2.122		S4	0.169		0.169
				Top	1.151		1.151		Top	0.760		0.760
				Max	2.644		2.644		Max	0.760		**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	100	0.283
				S2	1.149		1.149		S2	0.284		0.284
				S3	2.449		2.449		S3	0.640		0.640
				S4	1.509		1.509		S4	0.533		0.533
				Top	0.964		0.964		Top	0.759		0.759
				Max	2.449		2.449		Max	0.759		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	100	0.320
				S2	0.941		0.941		S2	0.245		0.245
				S3	2.733		2.733		S3	0.458		0.458
				S4	0.935		0.935		S4	0.556		0.556
				Top	3.631		3.631		Top	0.641		0.641
				Max	3.631		3.631		Max	0.641		0.641