ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
INTENTIONAL RADIATOR CERTIFICATION TO
FCC PART 15 SUBPART C REQUIREMENT

OF

Wireless charger

Model No.: DK-WL-001, DK-WL-002

Trademark: N/A

FCC ID: 2BAN4DKWL002

Report No.: E01A23030683F00101

Issue Date: April 03, 2023

Prepared for

DONGGUAN DONGKE INTELLIGENT TECHNOLOGY CO., LTD

Room 101, Building 1, No. 1 Fumin Road, Changping Town, 523560 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA

Prepared by

Dong Guan Anci Electronic Technology Co., Ltd.

1-2 Floor, Building A, No.11, Headquarters 2 Road, Songshan, Lake Hi-tech Industrial Development Zone, Dongguan City, Guangdong Pr., China.

VERIFICATION OF COMPLIANCE

Applicant:	DONGGUAN DONGKE INTELLIGENT TECHNOLOGY CO., LTD Room 101, Building 1, No. 1 Fumin Road, Changping Town, 523560 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Manufacturer:	DONGGUAN DONGKE INTELLIGENT TECHNOLOGY CO., LTD Room 101, Building 1, No. 1 Fumin Road, Changping Town, 523560 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Product Description:	Wireless charger
Trade Mark:	N/A
Model Number:	DK-WL-001, DK-WL-002(The two models are the same except for the direction of coil placement and model name. We choose the model DK-WL-002 for all tests.)
Test Sample Number:	A23030683 001

We hereby certify that:

The above equipment was tested by Dong Guan Anci Electronic Technology Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.209(2022).

Date of Test : March 22, 2023 to March 24, 2023

Prepared by : Duke Liu

Duke Liu/Editor

Reviewer & Authorized Signer : Tiger Xu

Tiger Xu/ Supervisor

Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	E01A23030683F00101

Table of Contents

1 General Information

1.1 Product Description

	Description
Product Name	Wireless charger
Model number	DK-WL-002
Operation Mode	Wireless Charging
Input Rating	DC 5V, 1.3A Min.
Power Supply	5Vdc from AC/DC Adapter（Provided by the laboratory）
Operating Frequency	110-205KHz
Wireless Charging Power	5W
Modulation Technique	FSK
Antenna Type	Induction coil
Sample receipt date	March 21, 2023

1.2 Related Submittal(s) / Grant(s)

This submittal(s) (test report) is intended for FCC ID: 2BAN4DKWL002 filing to comply with the FCC Part 15, Subpart C Rules.

1.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Special Accessories

Not available for this EUT intended for grant.

1.5 Equipment Modifications

Not available for this EUT intended for grant.

1.6 Test Facility

Site Description

EMC Lab.	:	Accredited by FCC, May 30, 2019 Designation Number: CN1230 Test Firm Registration Number: 991798
Name of Firm	:	Dong Guan Anci Electronic Technology Co., Ltd.
Site Location	:	1-2 Floor, Building A, No.11, Headquarters 2 Road, Songshan, Lake Hi-tech Industrial Development Zone, Dongguan City,evelopment Zone, Dongguan City, Guangdong Pr., China.

2 System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the fixed in a particular direction according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013.

2.4 Configuration of Tested System

Fig. 2-1 Configuration of Tested System

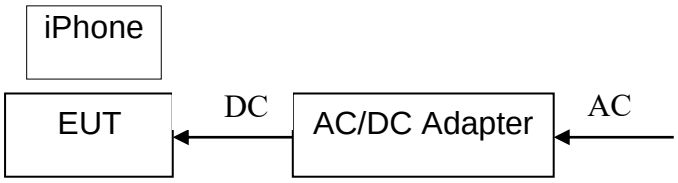


Table 2-1 Equipment Used in Tested System

Item	Equipment	Trade Mark	Model No.	FCC ID	Note
1.	Wireless charger	N/A	DK-WL-002	2BAN4DKWL002	***EUT***
2.	iphone	Apple	A2176	N/A	***Support Equipment（Provided by the laboratory）***
3	AC/DC Adapter	N/A	CX65UC001	N/A	***Support Equipment（Provided by the laboratory）***

Note:

(1) Unless otherwise denoted as EUT in『Remark』column, device(s) used in tested system is a support equipment.

3 Summary of Test Results

FCC Rules	Description Of Test	Result
§15.207	AC Power Conducted Emission	Compliant
§15.209	Radiated Emission	Compliant
§2.1049	20dB Bandwidth	Compliant
§15.203	Antenna Requirement	Compliant

4 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Conducted Emissions Test	±2.0dB
Radiated Emission Test	±2.0dB
Temperature	±0.5℃
Humidity	±3%

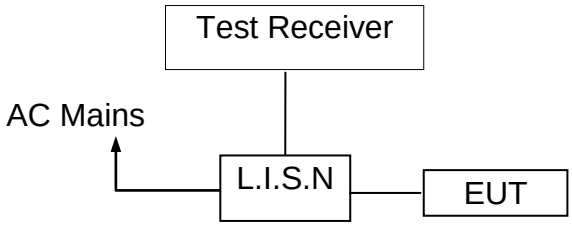
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%

5 Conducted Emissions Test

5.1 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

5.2 Test SET-UP (Block Diagram of Configuration)



5.3 Measurement Equipment Used

Item	Instr.Code	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	AN-E024	EMI Test Receiver	ROHDE&SCHWARZ	ESPI	101144	2023-11-10
2	AN-E025	LISN	ROHDE&SCHWARZ	ENV216	101413	2023-11-10
3	AN-E029	RF Cable	N/A	ZT06S-NJ-NJ-2.5M	19044022	2023-05-12
4	AN-E044	2# Shielded Room	chengyu	8m*4m*3m	N/A	2024-11-11
5	AN-E046	Test Software	Farad	EZ-EMC Ver:ANCI-8A1	N/A	N/A

5.4 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

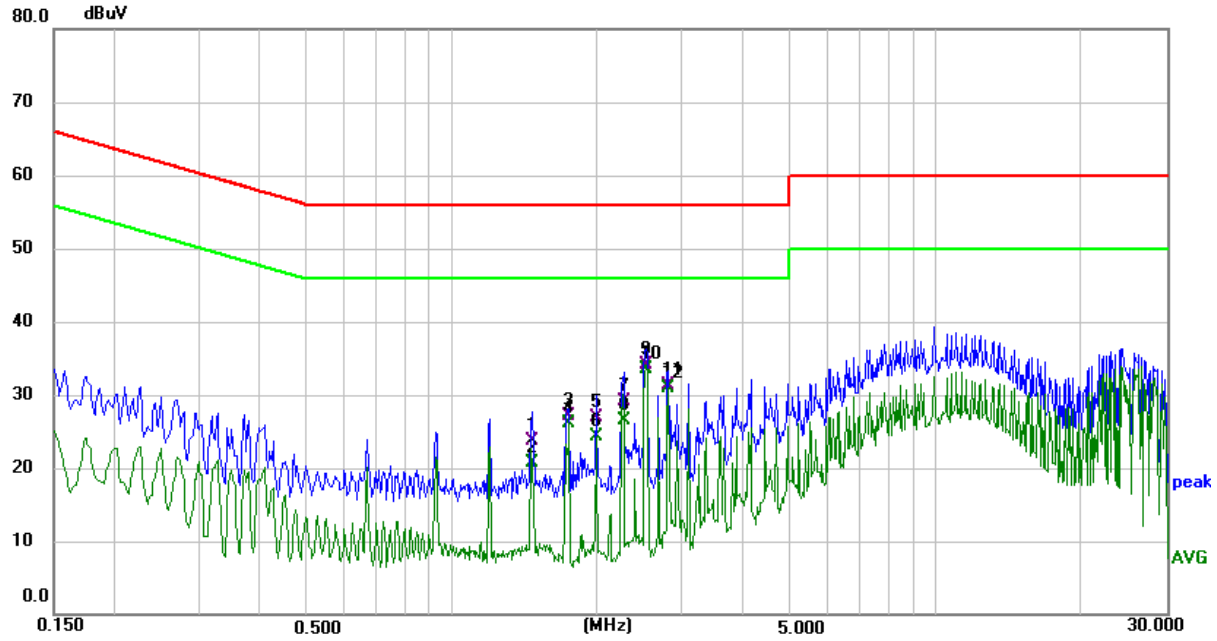
5.5 Measurement Result

Operation Mode:	TX	Test Date :	2023/03/22
Frequency Range:	0.15MHz~30MHz	Temperature :	24℃
Test Result:	PASS	Humidity :	53 %
Test By:	Sunshine		

Pass

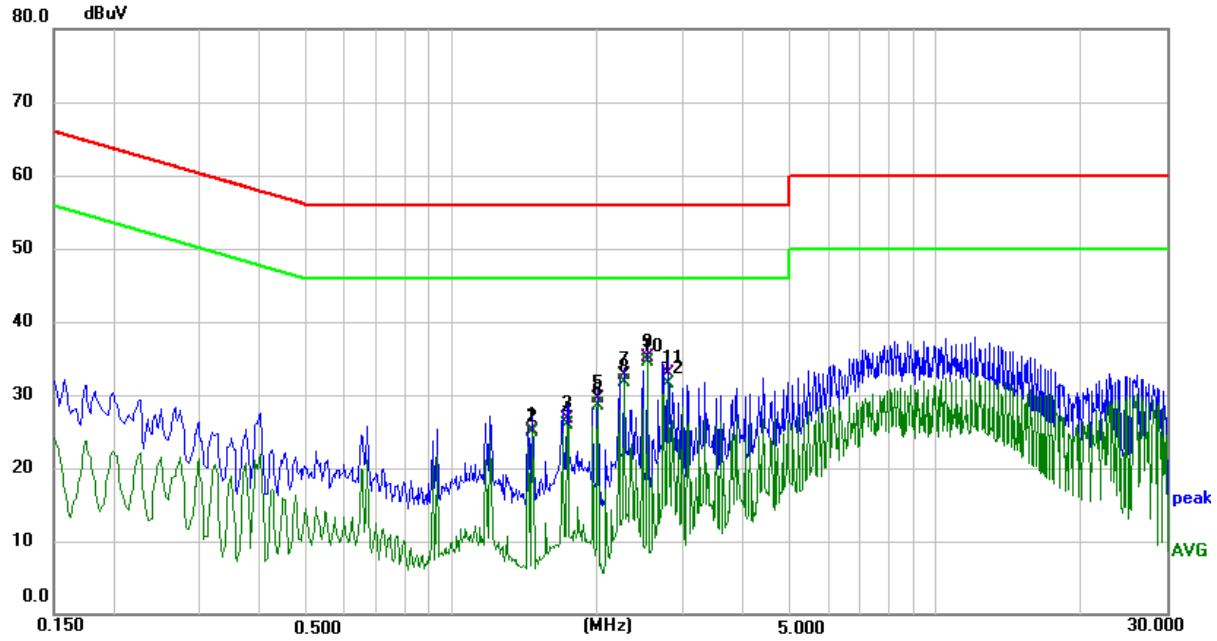
We pretested modes (Wireless Charging (5W), for EUT. The worst test data see follow the table.

M/N:	DK-WL-002
Op Cond.:	Wireless charging
Comment:	120Vac 60Hz（AC/DC Adapter）
Line Under Test:	Power Line, Live
Detailed results are shown below	



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	1.4700	13.59	10.03	23.62	56.00	-32.38	QP	
2	1.4700	10.58	10.03	20.61	46.00	-25.39	AVG	
3	1.7460	17.08	10.04	27.12	56.00	-28.88	QP	
4	1.7460	16.05	10.04	26.09	46.00	-19.91	AVG	
5	1.9860	16.90	10.03	26.93	56.00	-29.07	QP	
6	1.9860	14.20	10.03	24.23	46.00	-21.77	AVG	
7	2.2620	19.09	10.05	29.14	56.00	-26.86	QP	
8	2.2620	16.41	10.05	26.46	46.00	-19.54	AVG	
9	2.5220	24.15	10.05	34.20	56.00	-21.80	QP	
10 *	2.5220	23.42	10.05	33.47	46.00	-12.53	AVG	
11	2.8020	21.24	10.08	31.32	56.00	-24.68	QP	
12	2.8020	20.79	10.08	30.87	46.00	-15.13	AVG	

M/N:	DK-WL-002
Op Cond.:	Wireless charging
Comment:	120Vac 60Hz（AC/DC Adapter）
Line Under Test:	Power Line, Neutral
Detailed results are shown below	



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	1.4700	15.14	10.03	25.17	56.00	-30.83	QP	
2	1.4700	14.82	10.03	24.85	46.00	-21.15	AVG	
3	1.7340	16.66	9.96	26.62	56.00	-29.38	QP	
4	1.7340	15.87	9.96	25.83	46.00	-20.17	AVG	
5	2.0020	19.58	9.86	29.44	56.00	-26.56	QP	
6	2.0020	18.58	9.86	28.44	46.00	-17.56	AVG	
7	2.2700	22.85	9.92	32.77	56.00	-23.23	QP	
8	2.2700	21.70	9.92	31.62	46.00	-14.38	AVG	
9	2.5380	25.16	9.97	35.13	56.00	-20.87	QP	
10 *	2.5380	24.47	9.97	34.44	46.00	-11.56	AVG	
11	2.8060	22.91	10.06	32.97	56.00	-23.03	QP	
12	2.8060	21.40	10.06	31.46	46.00	-14.54	AVG	

5.6 Conducted Measurement Photo

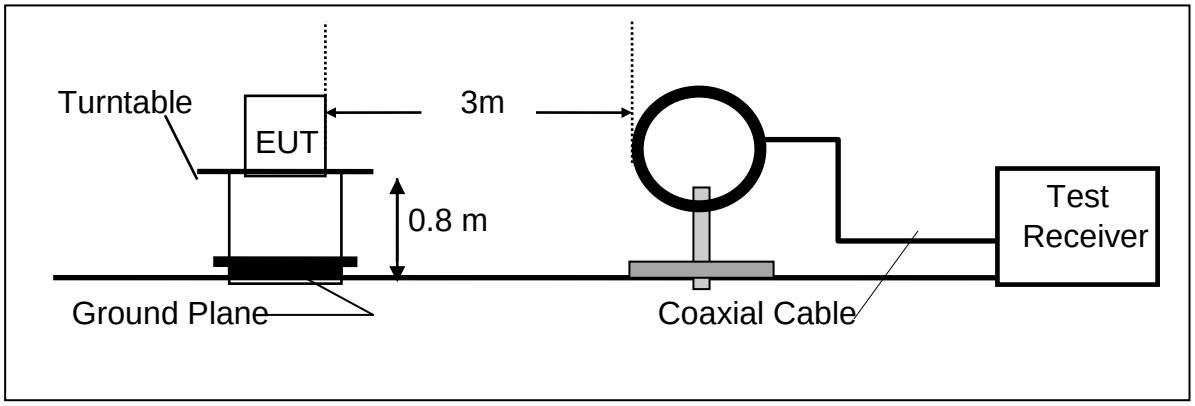
6 Radiated Emission Test

6.1 Measurement Procedure

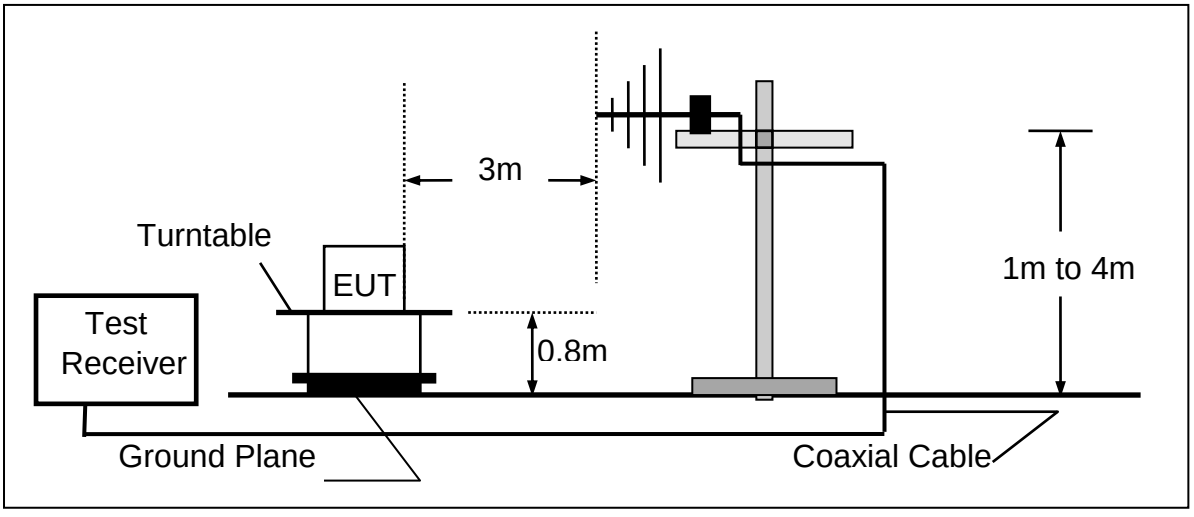
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

6.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



6.3 Measurement Equipment Used

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	Rohde & Schwarz	ESCI	100302	2023-05-12
2	Pre-Amplifier	Anritsu	MH648A	M57886	2023-05-12
3	Bilog Antenna	Schwarzbeck	VULB9163	VULB9163-1290	2023-11-10
4	Loop Antenna	Schwarzbeck	FMZB 1516	1516-141	2023/10/12
5	RF Cable	N/A	ZT06S-NJ-NJ-11M	19060398	2023-05-12
6	RF Cable	N/A	ZT06S-NJ-NJ-0.5M	19060400	2023-05-12
7	RF Cable	N/A	ZT06S-NJ-NJ-2.5M	19060404	2023-05-12
8	3m Semi-anechoic Chamber	chengyu	9m*6m*6m	N/A	2024-11-11
9	Test Software	Farad	EZ-EMC Ver:ANCI-2A1	N/A	N/A

6.4 Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

FCC Part 15.209				
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation Frequency tion at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	2400 / F(KHz)	300m	10000 * 2400/F(KHz)	20log 2400/F(KHz) + 80
0.490 – 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40
1.705 – 30.00	30	30m	100* 30	20log 30 + 40
30.0 – 88.0	100	3m	100	20log 100
88.0 – 216.0	150	3m	150	20log 150
216.0 – 960.0	200	3m	200	20log 200
Above 960.0	500	3m	500	20log 500

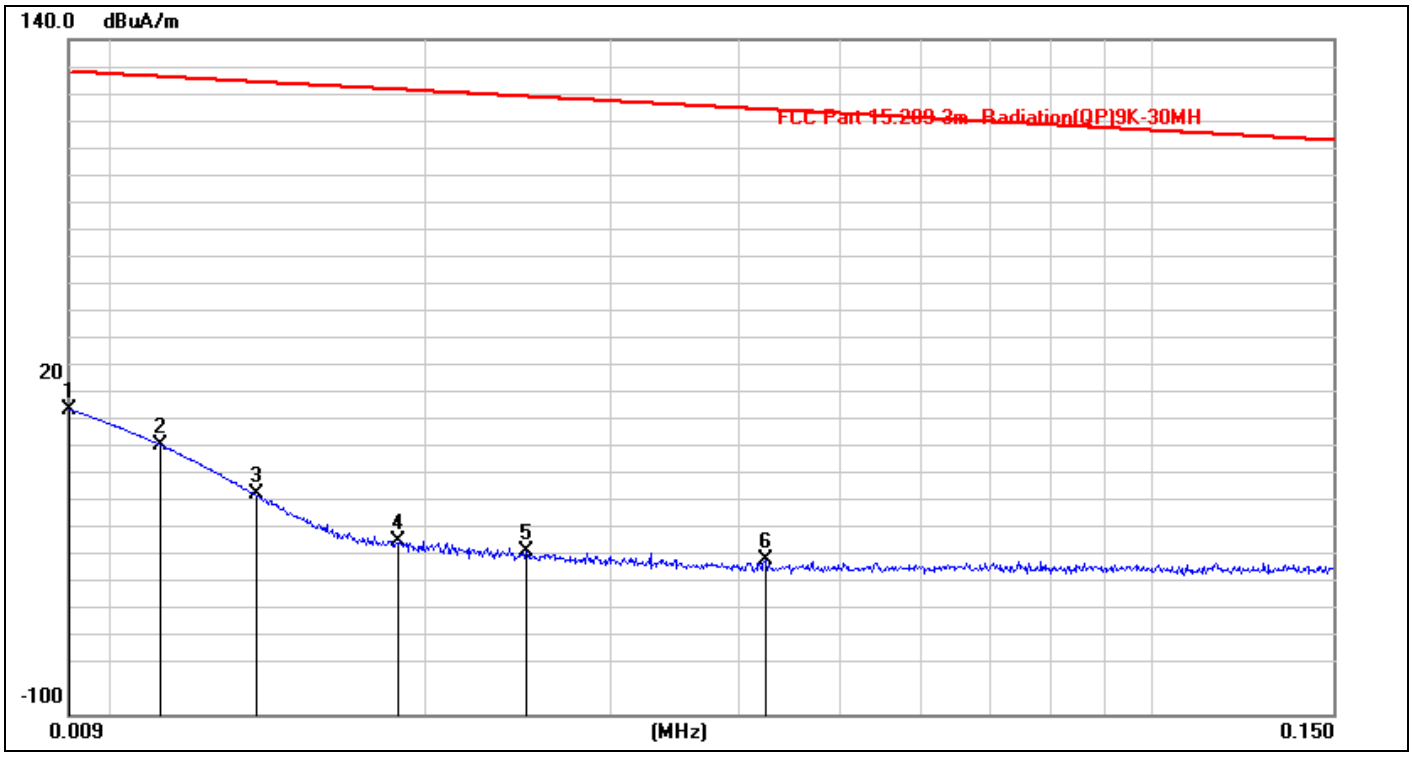
15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

Remark: 1. Emission level in dBuV/m=20 log (uV/m)
2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

6.5 Measurement Result

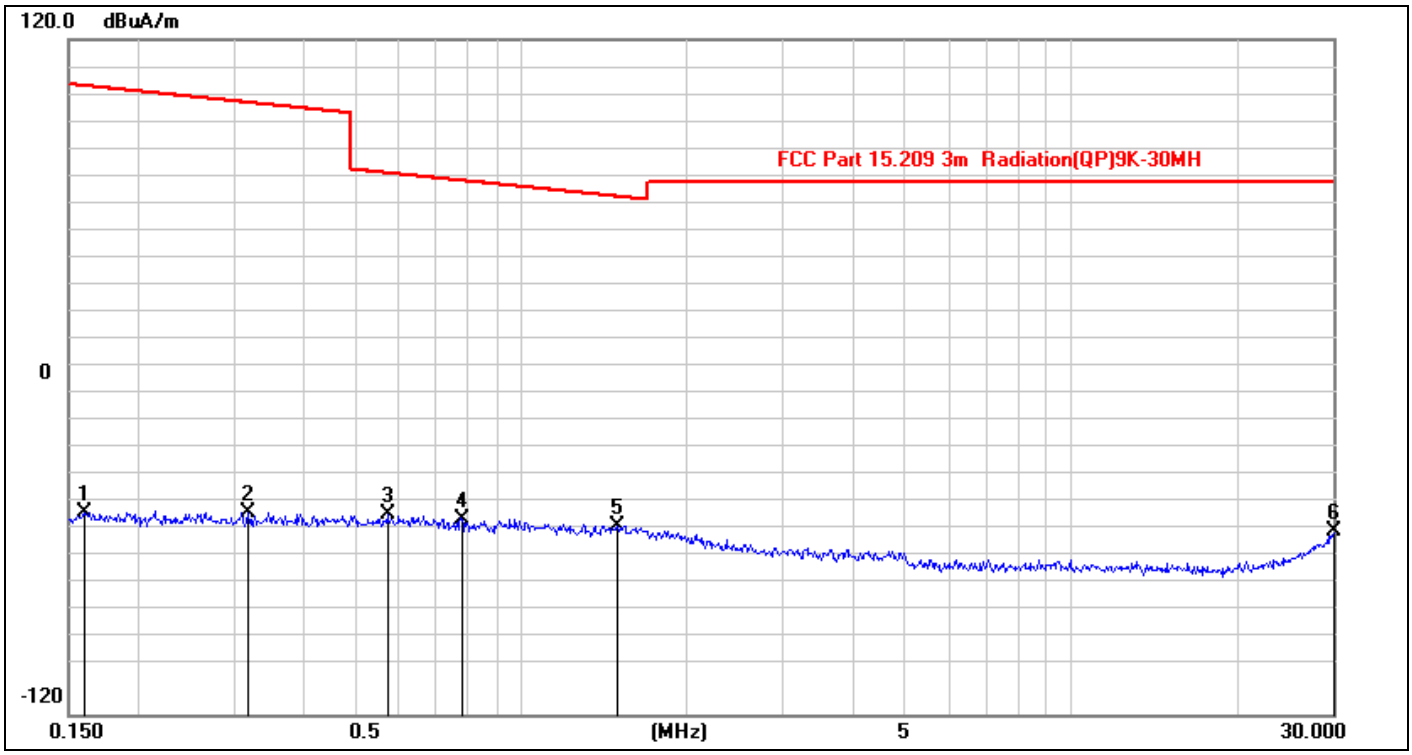
We pretested modes(Wireless Charging(5W)) for EUT. The worst mode (Wireless Charging (5W))test data see follow the table.



Site:	**LAB**	**Antenna::Vertical**	**Temperature(C):24.3(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.2%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/22**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	0.0090	40.86	-32.33	8.53	128.50	-119.97	QP	100	213	
2	0.0111	29.11	-33.43	-4.32	126.68	-131.00	QP	100	346	
3	0.0136	12.65	-34.53	-21.88	124.92	-146.80	QP	100	157	
4	0.0188	-1.78	-36.82	-38.60	122.11	-160.71	QP	100	208	
5	0.0249	-4.56	-37.81	-42.37	119.67	-162.04	QP	100	295	
6	0.0424	-5.59	-39.45	-45.04	115.04	-160.08	QP	100	76	

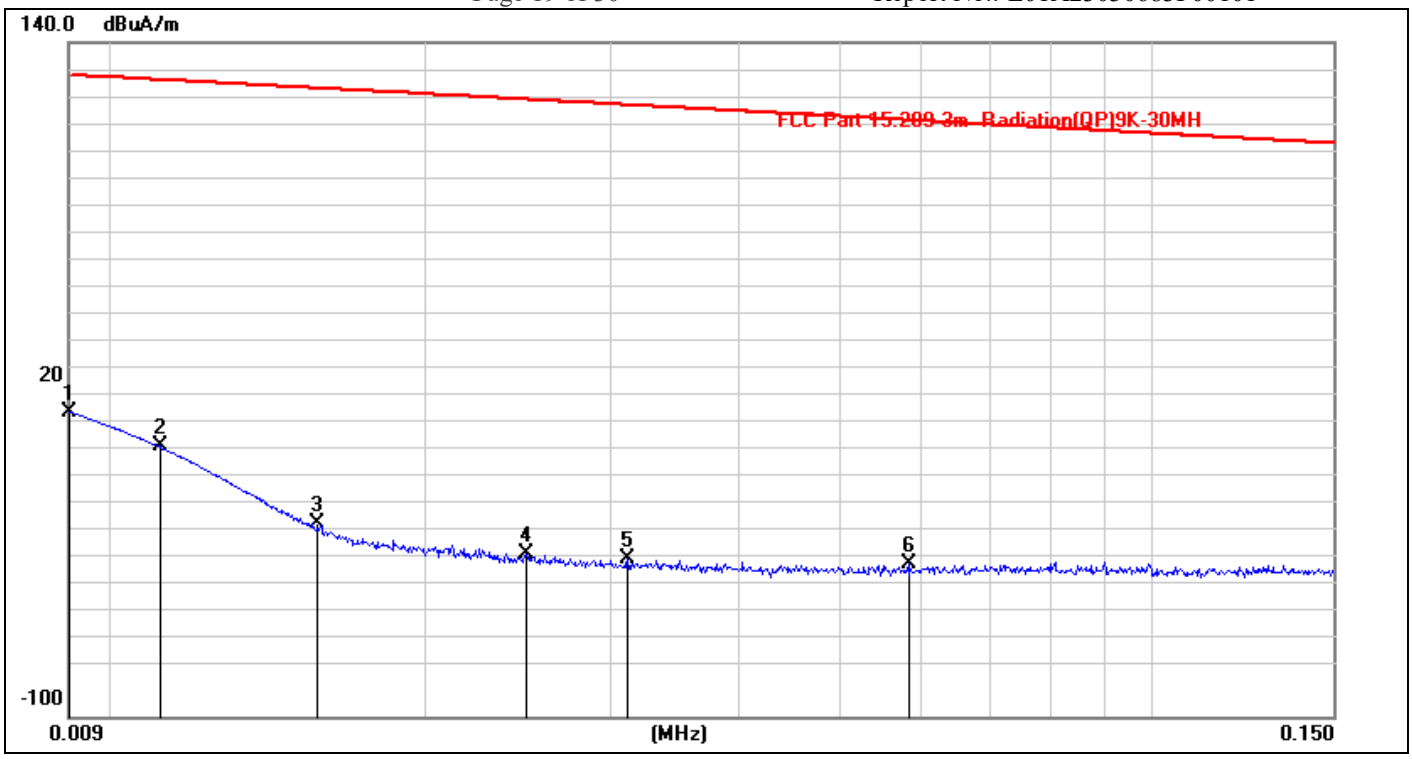
*:Maximum data x:Over limit !:over margin



Site:	**LAB**	**Antenna:: Vertical**	**Temperature(C):24.3(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.2%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/22**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	0.1597	-7.59	-40.86	-48.45	103.53	-151.98	QP	100	76	
2	0.3183	-7.39	-40.96	-48.35	97.55	-145.90	QP	100	319	
3	0.5701	-7.84	-41.00	-48.84	72.49	-121.33	QP	100	265	
4	0.7792	-9.60	-40.98	-50.58	69.78	-120.36	QP	100	220	
5 *	1.4953	-11.87	-40.94	-52.81	64.14	-116.95	QP	100	317	
6	30.0000	-11.64	-43.08	-54.72	69.50	-124.22	QP	100	135	

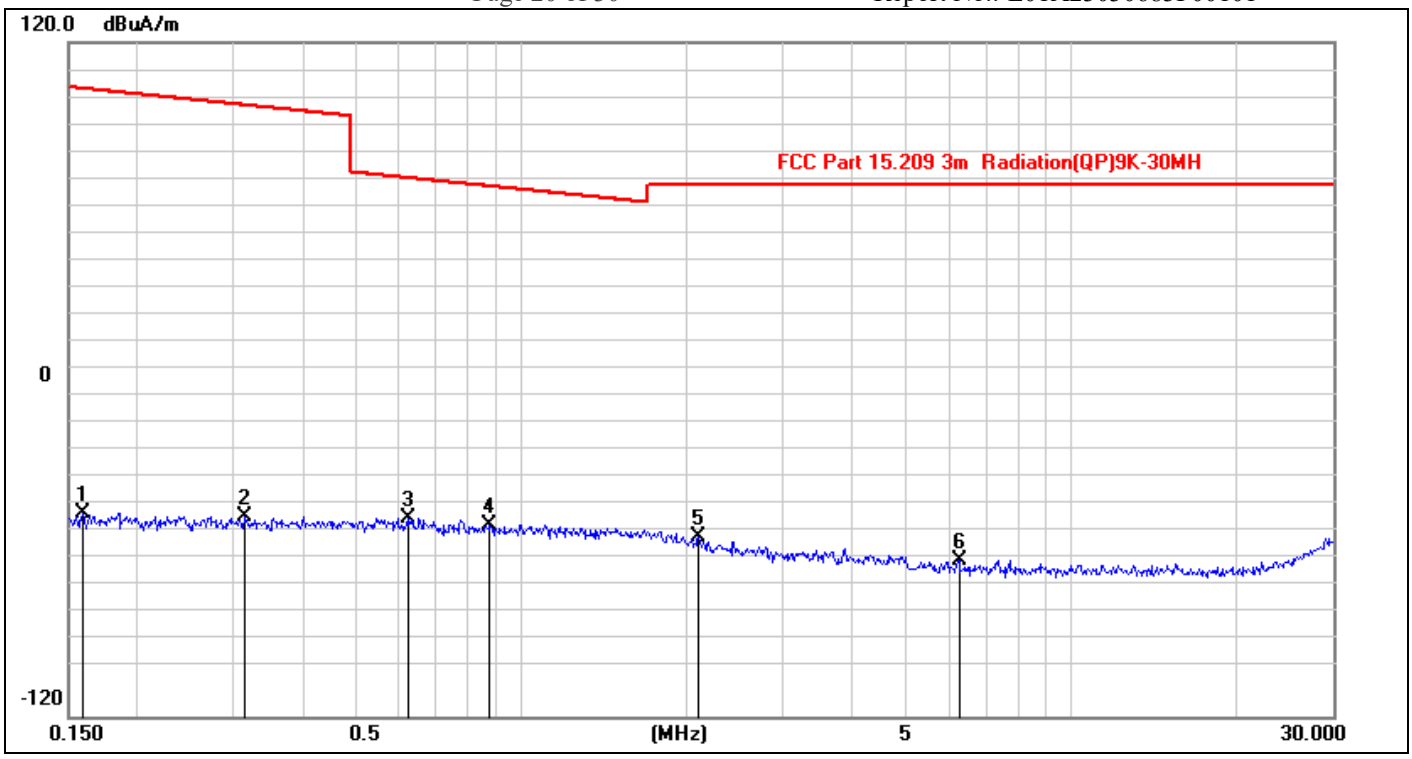
Note: (1) All Readings are Peak Value.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) The average measurement was not performed when the peak measured data under the limit of average detection.
(4) EUT lying on the table position is the worst case result in the report.



Site:	**LAB**	**Antenna::Horizontal**	**Temperature(C):24.3(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.2%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/22**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	0.0090	40.91	-32.39	8.52	128.50	-119.98	QP	100	155	
2	0.0110	29.84	-33.39	-3.55	126.76	-130.31	QP	100	218	
3	0.0155	3.88	-35.37	-31.49	123.78	-155.27	QP	100	43	
4	0.0249	-4.03	-37.81	-41.84	119.67	-161.51	QP	100	86	
5	0.0312	-5.56	-38.41	-43.97	117.71	-161.68	QP	100	253	
6	0.0584	-5.28	-40.30	-45.58	112.27	-157.85	QP	100	306	

*:Maximum data x:Over limit !:over margin



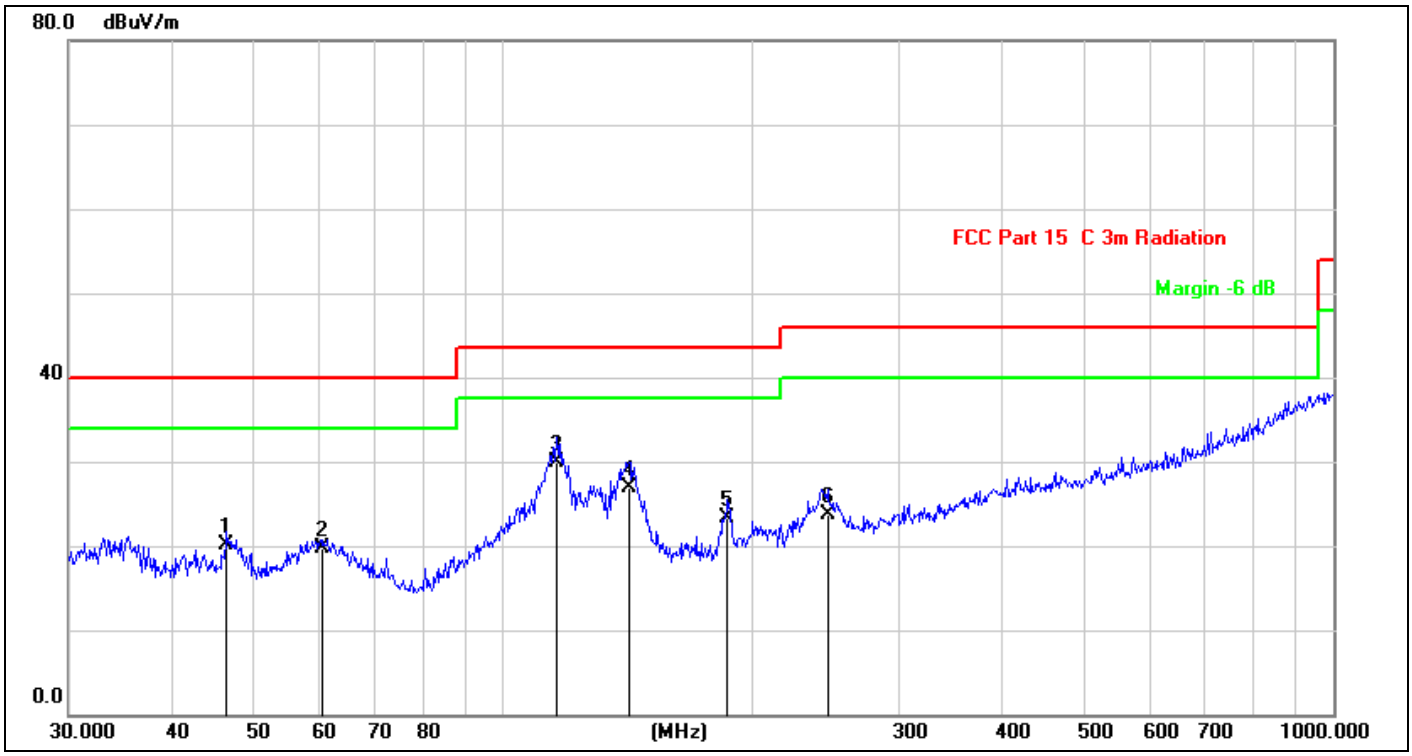
Site:	**LAB**	**Antenna::Horizontal**	**Temperature(C):24.3(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.2%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/22**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	0.1590	-6.82	-40.86	-47.68	103.57	-151.25	QP	100	107	
2	0.3133	-8.04	-40.96	-49.00	97.68	-146.68	QP	100	182	
3	0.6205	-8.45	-41.00	-49.45	71.75	-121.20	QP	100	93	
4 *	0.8757	-10.77	-40.97	-51.74	68.77	-120.51	QP	100	297	
5	2.0989	-15.17	-40.91	-56.08	69.50	-125.58	QP	100	332	
6	6.2520	-23.90	-40.75	-64.65	69.50	-134.15	QP	100	173	

Note: (1) All Readings are Peak Value.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3) The average measurement was not performed when the peak measured data under the limit of average detection.
(4) EUT lying on the table position is the worst case result in the report.

We pretested modes (Wireless Charging(5W)) for EUT. The worst test data see follow the table.

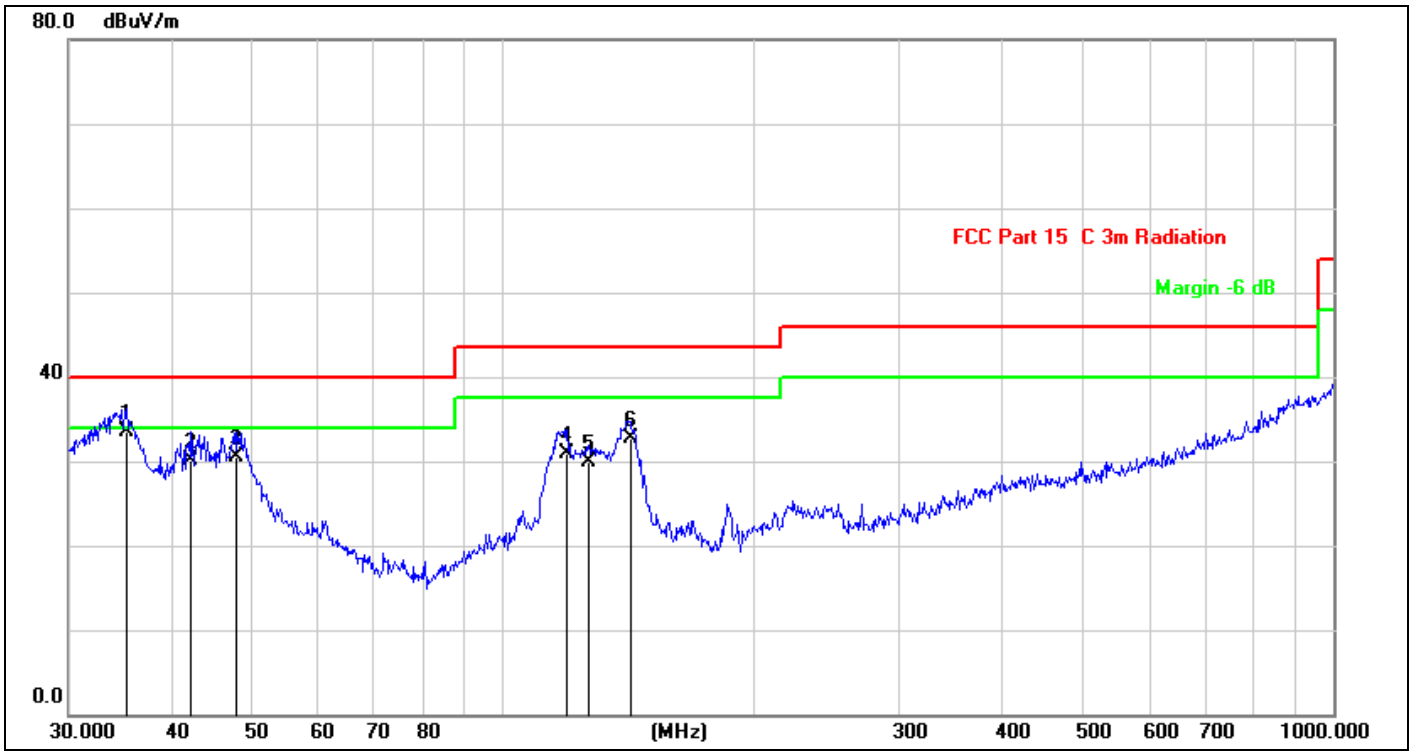
Test mode: Wireless Charging 5W



Site:	**LAB**	**Antenna:: Horizontal**	**Temperature(C):23.5(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.6%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/24**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	46.5030	29.43	-9.29	20.14	40.00	-19.86	QP	100	86	
2	60.7044	24.87	-5.07	19.80	40.00	-20.20	QP	100	228	
3 *	116.1321	35.02	-5.15	29.87	43.50	-13.63	QP	100	342	
4	141.8262	36.20	-9.21	26.99	43.50	-16.51	QP	100	65	
5	186.4409	31.43	-8.03	23.40	43.50	-20.10	QP	100	165	
6	245.9509	27.65	-3.97	23.68	46.00	-22.32	QP	100	230	

*:Maximum data x:Over limit !:over margin



Site:	**LAB**	**Antenna:: Vertical**	**Temperature(C):23.5(C)**
Limit:	**FCC Part 15C 3m Radiation(QP)**		**Humidity(%):53.6%**
EUT:	**Wireless charger**	**Test Time:**	**2023/03/24**
M/N.:	**DK-WL-002**	**Power Rating:**	**AC 120V/60Hz（AC/DC Adapter）**
Mode:	**Wireless Charging 5W**	**Test Engineer:**	**sunshine**
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	35.2512	40.80	-7.20	33.60	40.00	-6.40	QP	100	301	
2	42.1542	39.58	-9.43	30.15	40.00	-9.85	QP	100	275	
3	47.8260	39.82	-9.24	30.58	40.00	-9.42	QP	100	196	
4	119.4361	36.49	-5.51	30.98	43.50	-12.52	QP	100	338	
5	126.7723	36.45	-6.64	29.81	43.50	-13.69	QP	100	247	
6	142.3243	41.97	-9.29	32.68	43.50	-10.82	QP	100	135	

6.6 Radiated Measurement Photos

7 20db Bandwidth

7.1 20dB Bandwidth Limit

None: for reporting purposed only.

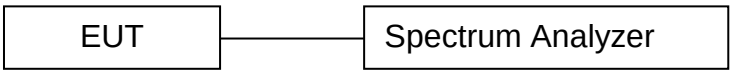
7.2 Test Instruments

Refer a test equipment and calibration data table in this test report.

7.3 Test Procedure

The bandwidth of the fundamental frequency was measured by spectrum analyzer with 1KHz RBW and 3KHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

7.4 Test Setup



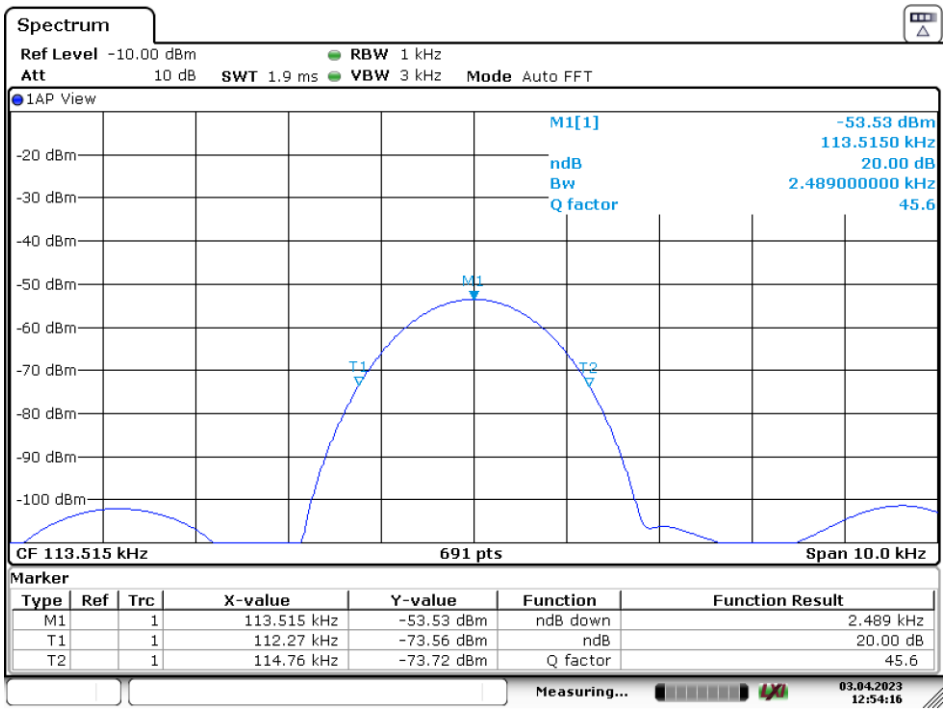
7.5 Measurement Equipment Used:

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	CALIBRATED UNTIL
Spectrum Analyzer	R&S	FSV40	102257	2023-10-07

7.6 Test Result

Frequency (KHz)	20dB Bandwidth (KHz)	Results
113.515	2.489	PASS

20 dB Bandwidth Test plot



1 Antenna Application

1.1 Antenna requirement

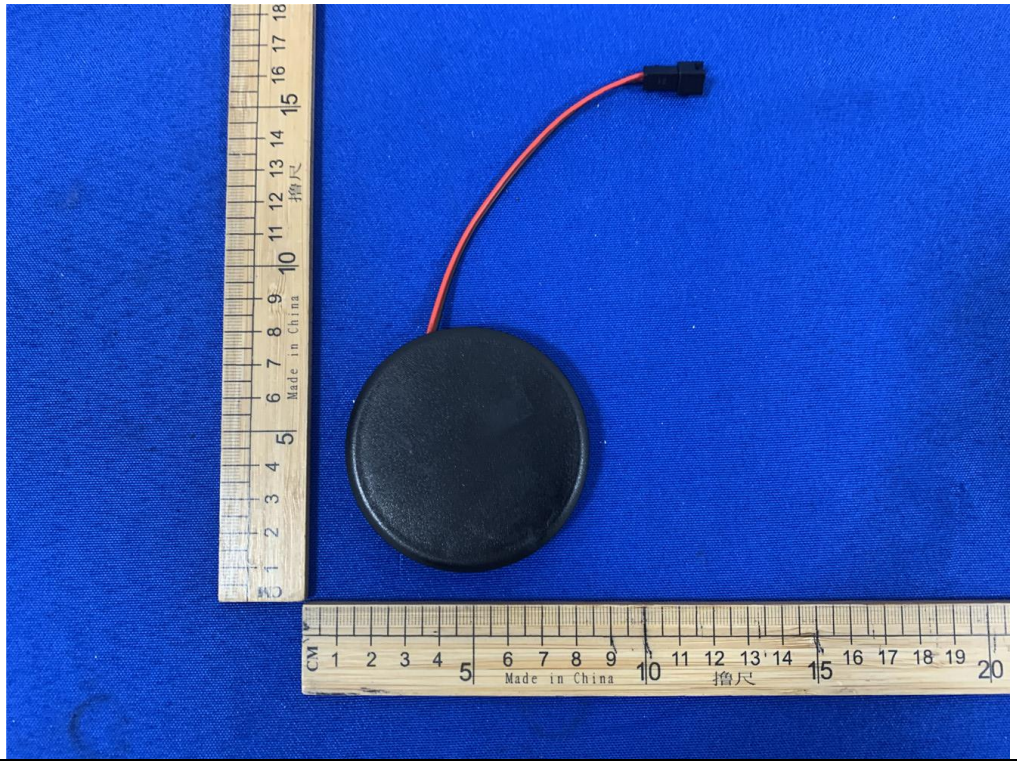
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

1.2 Result

The EUT's antenna, permanent attached antenna, used an Induction coil and integrated on PCB, The antenna's gain meets the requirement.

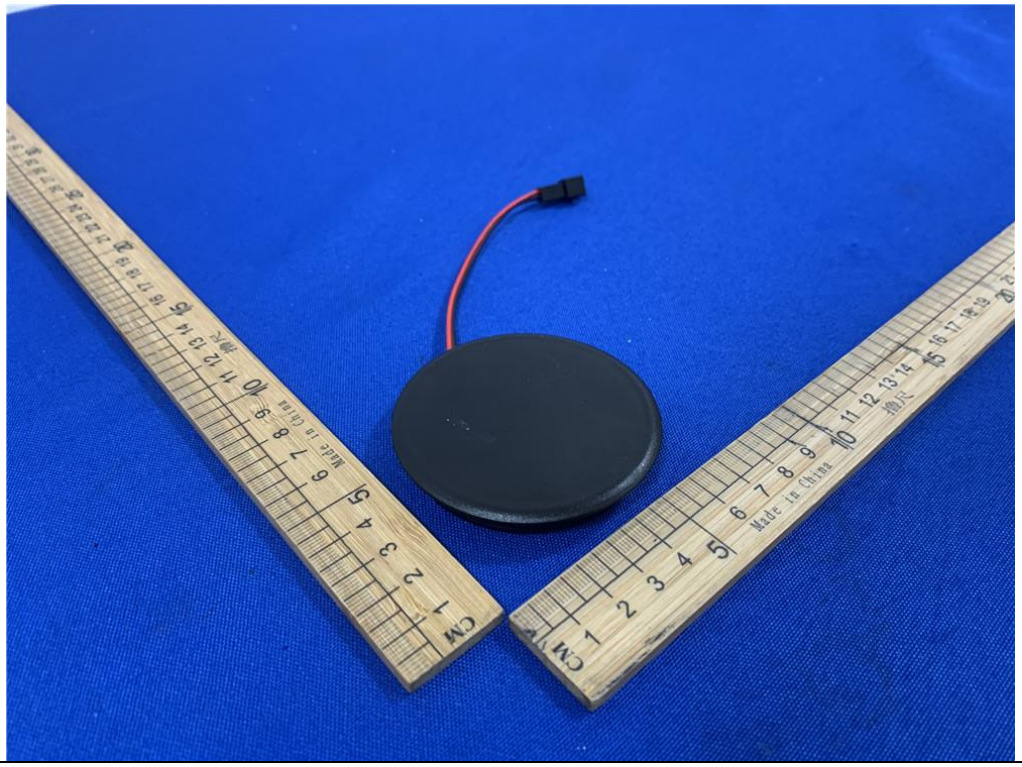
APPENDIX

Details of: Outlook view for model DK-WL-001, DK-WL-002

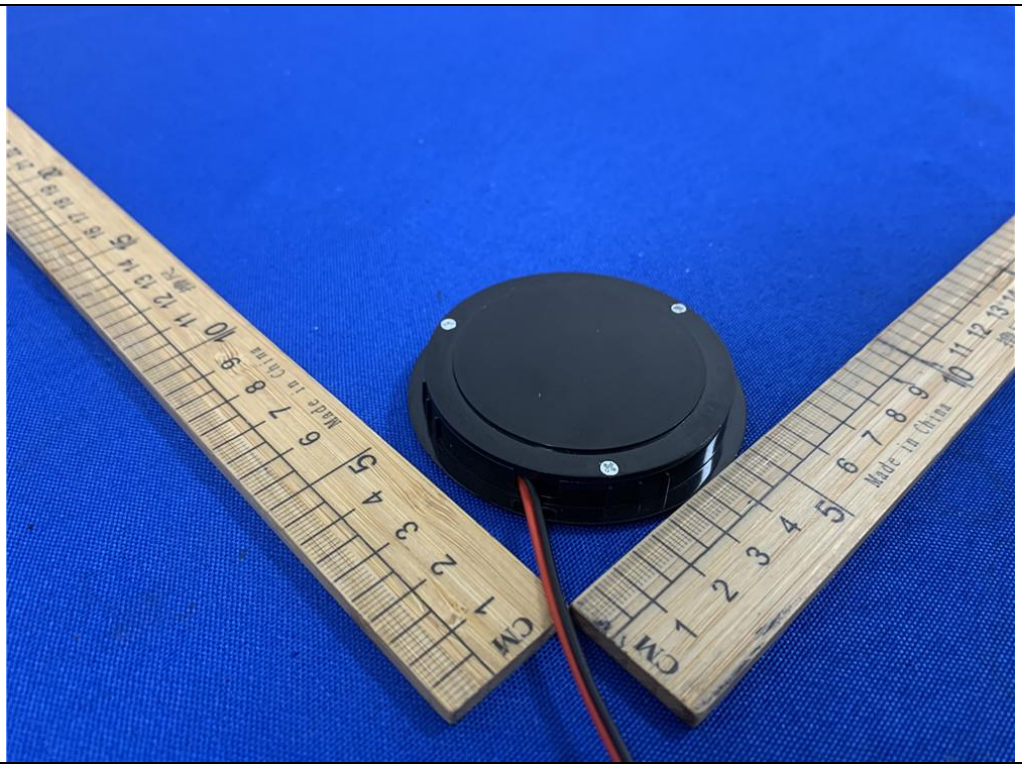


Details of: Outlook view for model DK-WL-001, DK-WL-002

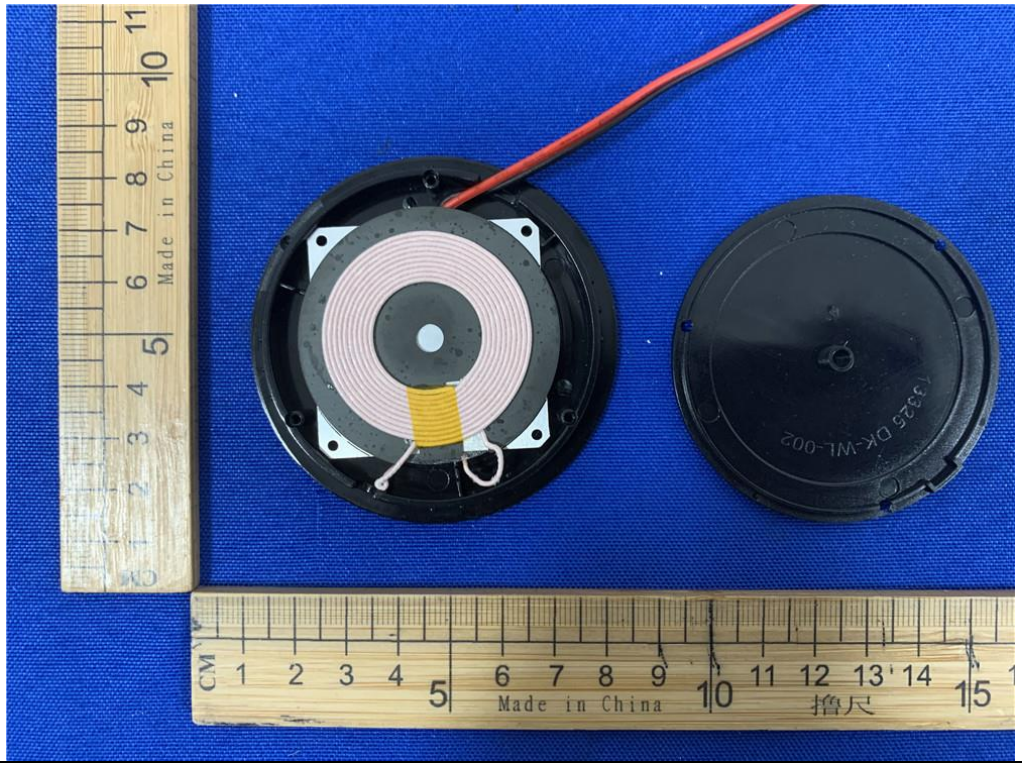
Details of: Outlook view for model DK-WL-001, DK-WL-002



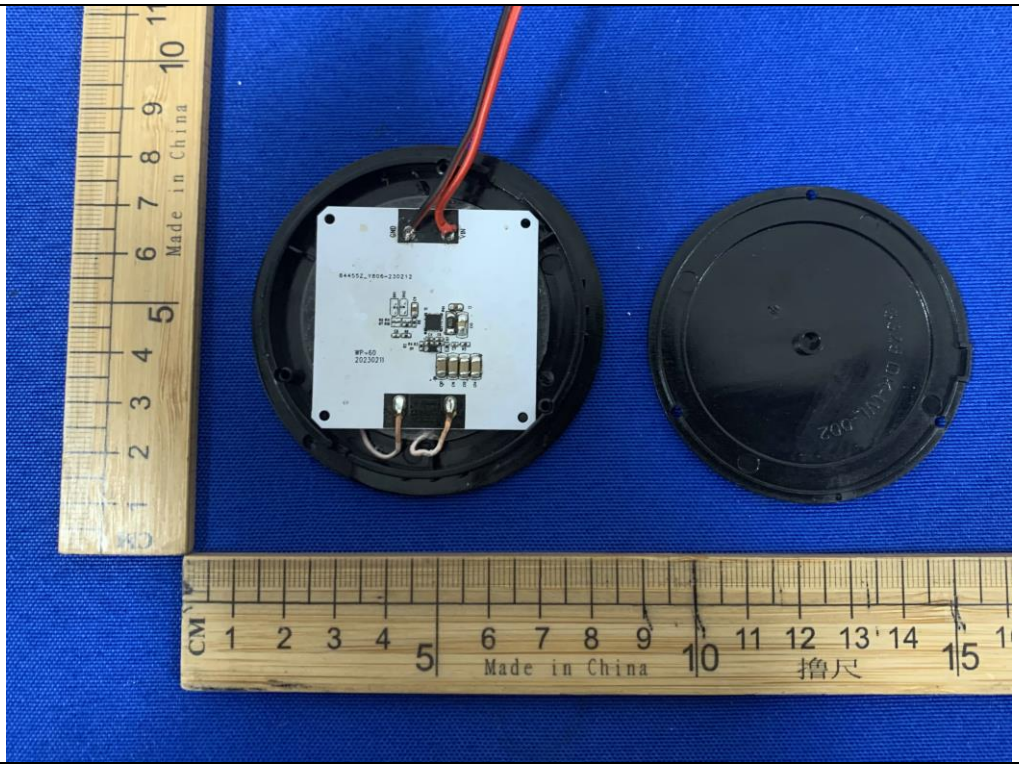
Details of: Outlook view for model DK-WL-001, DK-WL-002



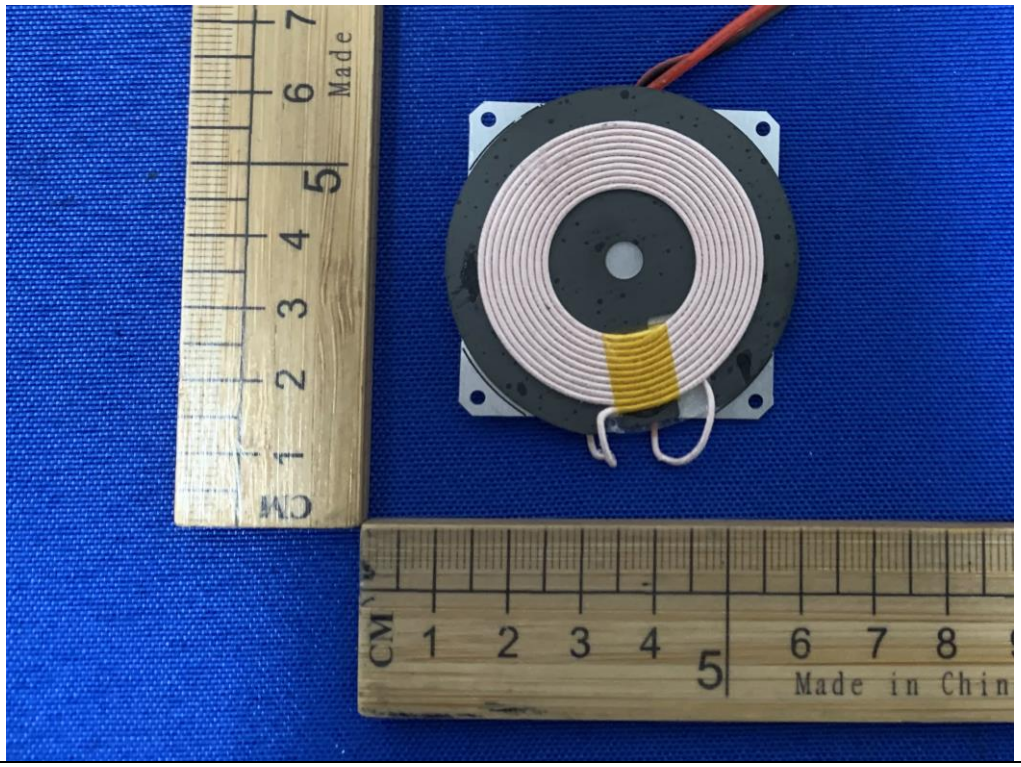
Details of: Internal view for model DK-WL-001



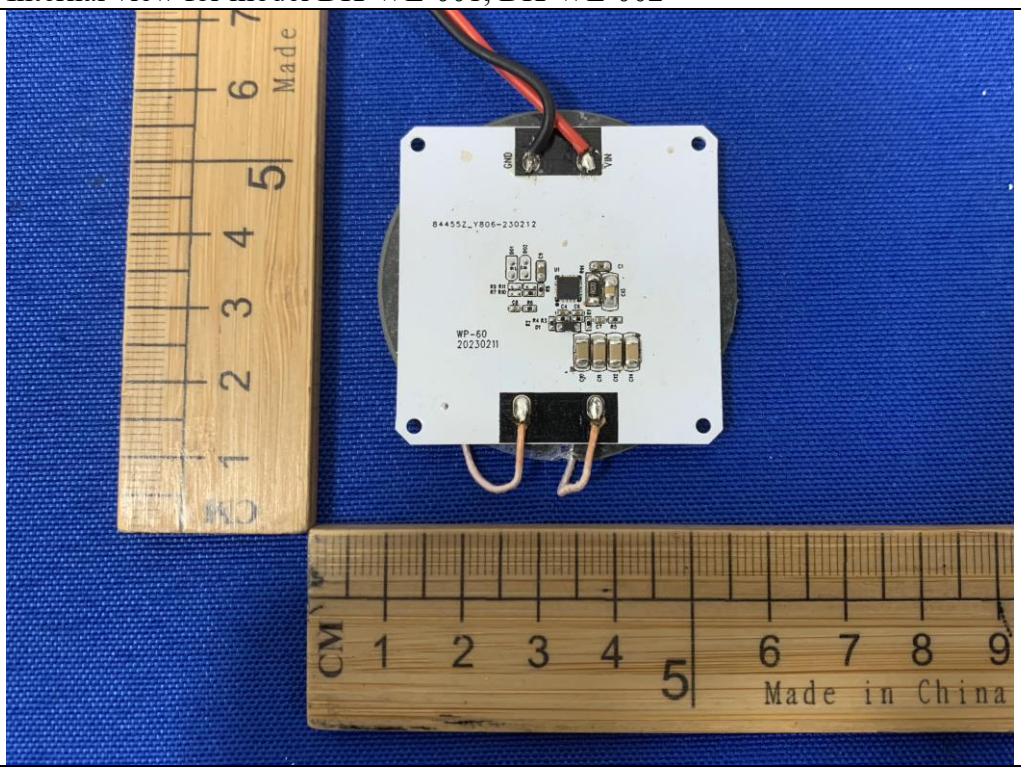
Details of: Internal view for model DK-WL-002



Details of: Internal view for model DK-WL-001, DK-WL-002



Details of: Internal view for model DK-WL-001, DK-WL-002



-- End of Report ---