



Report No.: EA20100111F03001

1 of 34

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

OF

Qi Travel Power Bank

Model No.: QP-10200, QP-10200W, QP-10200B

Trademark: Gigastone

FCC ID: PLE-QP-10200

Report No.: EA20100111F03001

Issue Date: Dec. 24, 2020

Prepared for

Gigastone Corp.

4F., No. 166, Xinhu 2nd Rd., Neihu Dist., Taipei City 114, Taiwan

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.**

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Dong Guan Anci Electronic Technology Co., Ltd.**

**VERIFICATION OF COMPLIANCE**

Applicant:	Gigastone Corp. 4F., No. 166, Xinhua 2nd Rd., Neihu Dist., Taipei City 114, Taiwan
Manufacturer:	Shenzhen U-Angel Technology Co., Ltd. Block C, 4th Floor, Phase 2 Of HongMen Hi-Tech Park, Jihua Road, Longgang District, Shenzhen, Guangdong, China
Product Description:	Qi Travel Power Bank
Trade Mark:	Gigastone
Model Number:	QP-10200, QP-10200W, QP-10200B (Note:All models are identical except for the different model names and appearance color. We chose model:QP-10200B for all tests.)

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(2020).

Date of Test : Nov. 21, 2020 to Dec 04, 2020Prepared by : Tomas Yang/SupervisorReviewer &
Authorized Signer : Alan He/Manager



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Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	EA20100111F03001



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1 General Information

1.1 Product Description

Characteristics	Description
Product Name	Qi Travel Power Bank
Model number	QP-10200B
Operation Mode	Wireless Charging
Input Rating	As an Adapter: AC 220V As a Power Bank Input: Type-C PD 5V/3A,9V/2A
Power Supply	AC 220V/60Hz and Battery 3.7V
Operating Frequency	110-205KHz
Wireless Charging Power	As an Adapter: 5W Max As a Power Bank: 15W Max
Modulation Technique	ASK
Antenna Type	Induction coil



1.2 Related Submittal(s) / Grant(s)

This submittal(s) (test report) is intended for FCC ID: PLE-QP-10200 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 CNAS, 2017.06.26
The certificate is valid until 2022.10.28
The Laboratory has been assessed and proved to be in compliance with
CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)
The Certificate Registration Number is L6214.

Accredited by A2LA, 2018.03.15
The Certificate Number is 4422.01.

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, development 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

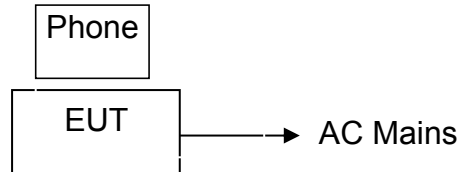


Table 2-1 Equipment Used in Tested System

Item	Equipment	Trade Mark	Model No.	FCC ID	Note
1.	Qi Travel Power Bank	N/A	QP-10200B	PLE-QP-10200	EUT
2.	SAMSUNG S9	SAMSUNG	Samsung Galaxy S9	N/A	Support Equipment
3.	Xiaomi 9	MI	Xiaomi 9	N/A	Support Equipment
4.	Wireless Charging Receiver Module	Universal	N/A	N/A	Support Equipment
5.	iPhone	Apple Inc.	A1387	N/A	Support Equipment

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	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Temperature	$\pm 0.5^\circ\text{C}$
Humidity	$\pm 3\%$

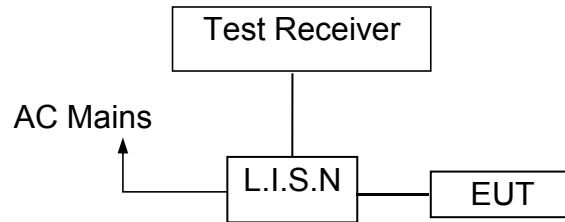
Remark: The coverage Factor ($k=2$), and measurement Uncertainty for a level of Confidence of 95%

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

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	Calibrated until
L.I.S.N	SCHWARZBECK	NSLK 8127	8127-669	2021-05-18
10 db attenuator	JFW	50FP-010-H4	4360846-427-1	2021-05-18
RF Cable	N/A	N/A	2#	2021-05-18
EMI Test Receiver	ROHDE&SCHWARZ	ESCI	101358	2021-05-18

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.



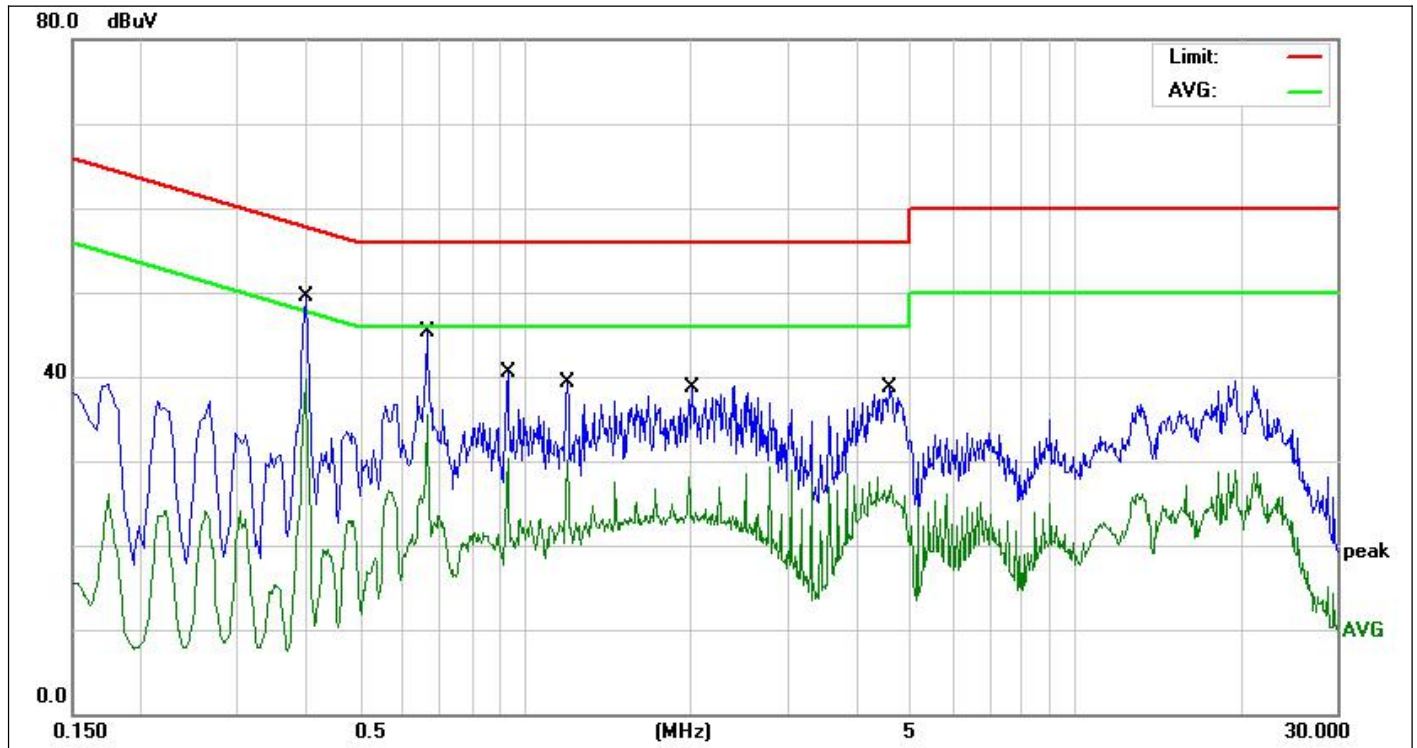
5.5 Measurement Result

Operation Mode:	TX	Test Date :	2020/12/04
Frequency Range:	0.15MHz~30MHz	Temperature :	28°C
Test Result:	PASS	Humidity :	65 %
Test By:	Best		

Pass
The worst test data see follow the table.



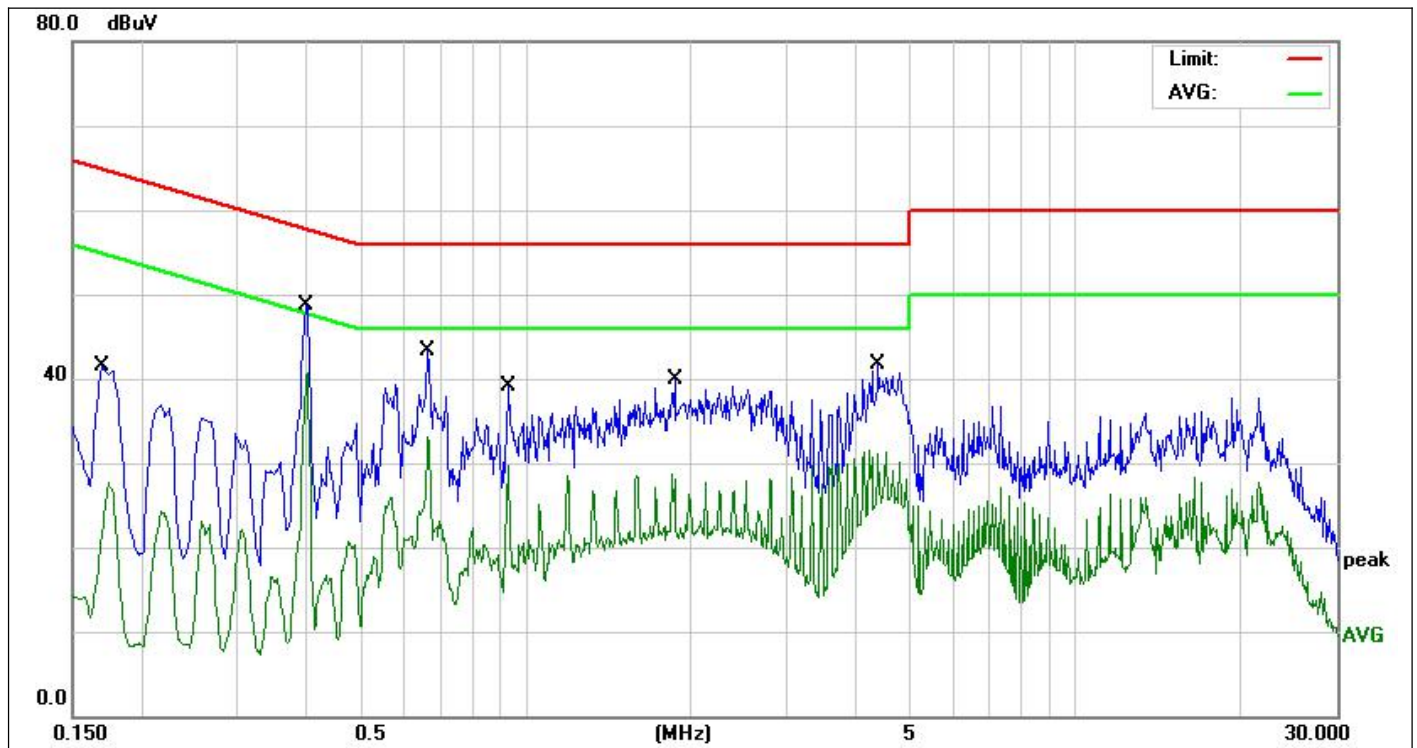
Test mode: Wireless Charging 5W use iphone



Site:	843	Phase:	N	Temperature(C):	26(C)
Limit:	FCC Part 15 C Conduction(QP)	Test Time:	2020/12/04	Humidity(%):	60%
EUT:	Qi Travel Power Bank	Power Rating:	AC 220V/60Hz	Test Engineer:	Jack
M/N.:	QP-10200B				
Mode:	Wireless Charging 5W				
Note:					

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.3980	37.85	10.18	48.03	57.89	-9.86	QP	
2 *	0.3980	29.45	10.18	39.63	47.89	-8.26	AVG	
3	0.6620	32.71	10.21	42.92	56.00	-13.08	QP	
4	0.6620	23.34	10.21	33.55	46.00	-12.45	AVG	
5	0.9300	27.40	10.24	37.64	56.00	-18.36	QP	
6	0.9300	18.84	10.24	29.08	46.00	-16.92	AVG	
7	1.1940	26.22	10.25	36.47	56.00	-19.53	QP	
8	1.1940	18.24	10.25	28.49	46.00	-17.51	AVG	
9	2.0140	18.59	10.29	28.88	56.00	-27.12	QP	
10	2.0140	13.29	10.29	23.58	46.00	-22.42	AVG	
11	4.6220	20.65	10.44	31.09	56.00	-24.91	QP	
12	4.6220	14.60	10.44	25.04	46.00	-20.96	AVG	

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

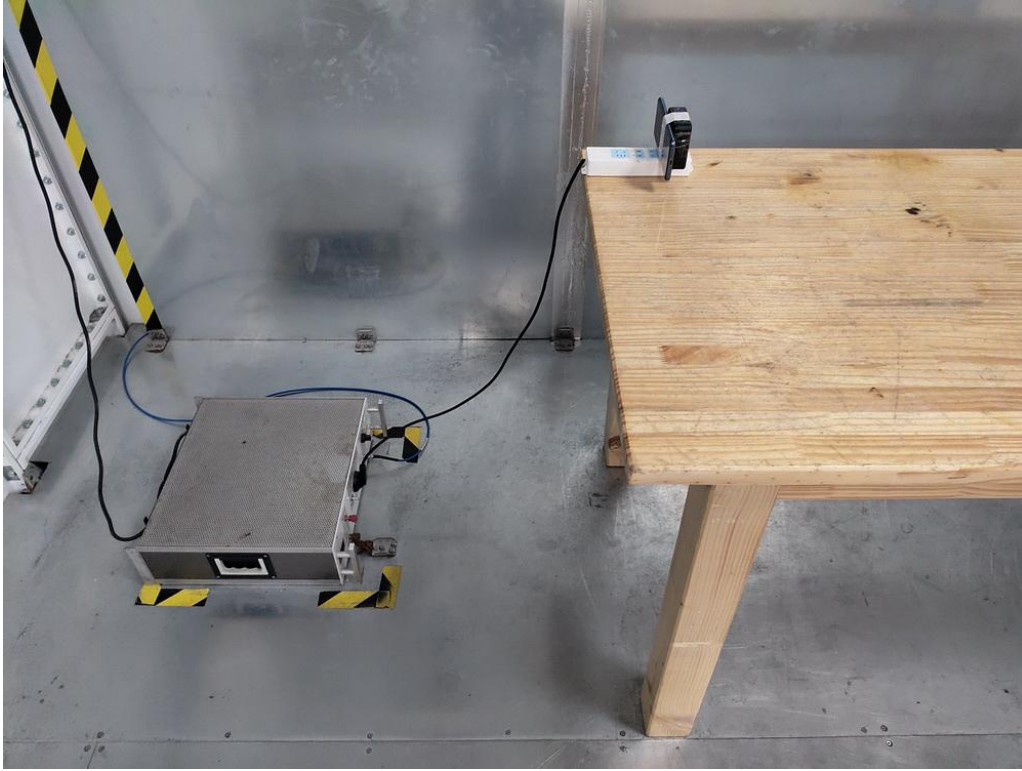


Site:	843	Phase:L1	Temperature(C):26(C)
Limit:	FCC Part 15 C Conduction(QP)		Humidity(%):60%
EUT:	Qi Travel Power Bank	Test Time:	2020/12/04
M/N.:	QP-10200B	Power Rating:	AC 220V/60Hz
Mode:	Wireless Charging 5W	Test Engineer:	Jack
Note:			

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measurement(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.1700	26.76	10.15	36.91	64.96	-28.05	QP	
2	0.1700	11.51	10.15	21.66	54.96	-33.30	AVG	
3	0.3980	37.41	10.18	47.59	57.89	-10.30	QP	
4 *	0.3980	30.47	10.18	40.65	47.89	-7.24	AVG	
5	0.6620	31.18	10.21	41.39	56.00	-14.61	QP	
6	0.6620	23.02	10.21	33.23	46.00	-12.77	AVG	
7	0.9340	18.80	10.24	29.04	56.00	-26.96	QP	
8	0.9340	12.90	10.24	23.14	46.00	-22.86	AVG	
9	1.8700	20.07	10.29	30.36	56.00	-25.64	QP	
10	1.8700	11.48	10.29	21.77	46.00	-24.23	AVG	
11	4.4060	21.26	10.43	31.69	56.00	-24.31	QP	
12	4.4060	13.93	10.43	24.36	46.00	-21.64	AVG	

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

5.6 Conducted Measurement Photo



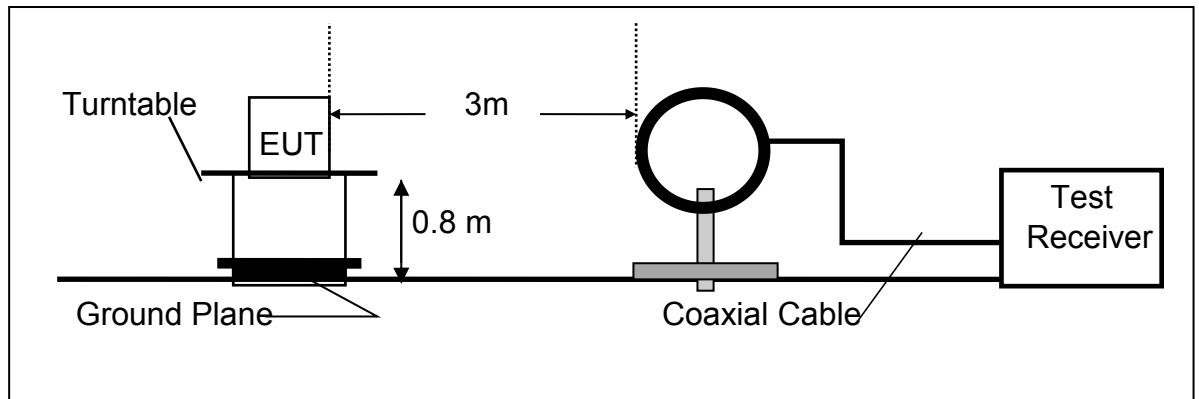
6 Radiated Emission Test

6.1 Measurement Procedure

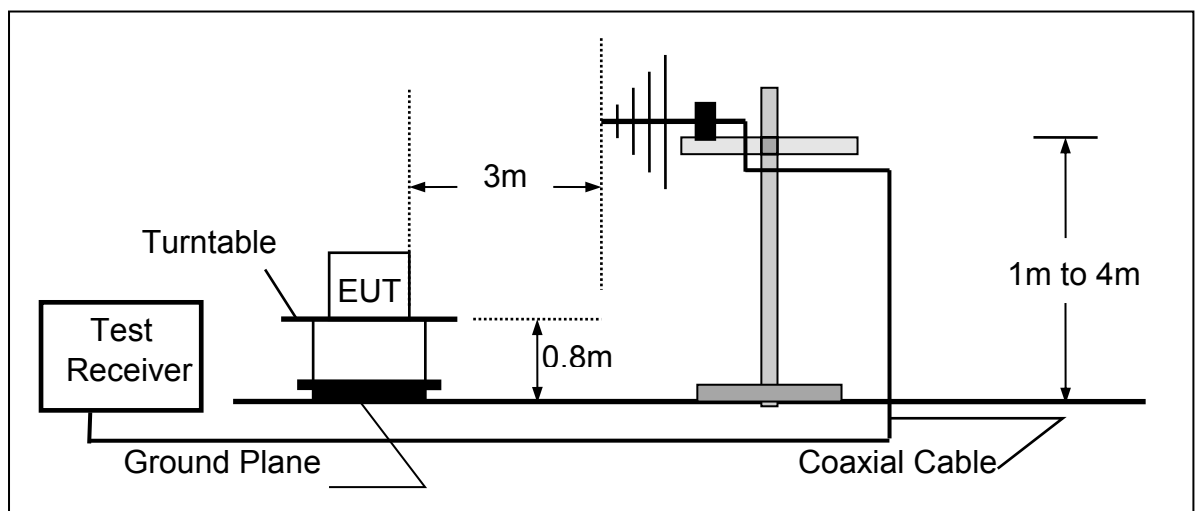
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above 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	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1.	EMI Test Receiver	Rohde & Schwarz	ESPI	100502	2021/11/19
2.	Pre-Amplifier	HP	8447D	2727A06172	2021-05-18
3.	Bilog Antenna	Schwarzbeck	VULB9163	VULB9163-588	2021-05-18
4.	Loop Antenna	Schwarzbeck	FMZB 1516	1516-141	2021/11/19
5.	RF Cable	Gigalink Microwave	ZT40-2.92J-2.92 J-2m	N/A	2021/11/19
6.	RF Cable	Gigalink Microwave	ZT40-2.92J-2.92 J-0.3m	N/A	2021/11/19
7.	RF Cable	N/A	N/A	6#	2021-05-18
8.	3m Semi-anechoic Chamber	chengyu	9m*6m*6m	N/A	2021-05-18
9.	Test Software	Farad	EZ-EMC Ver:ANCI-3A1	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



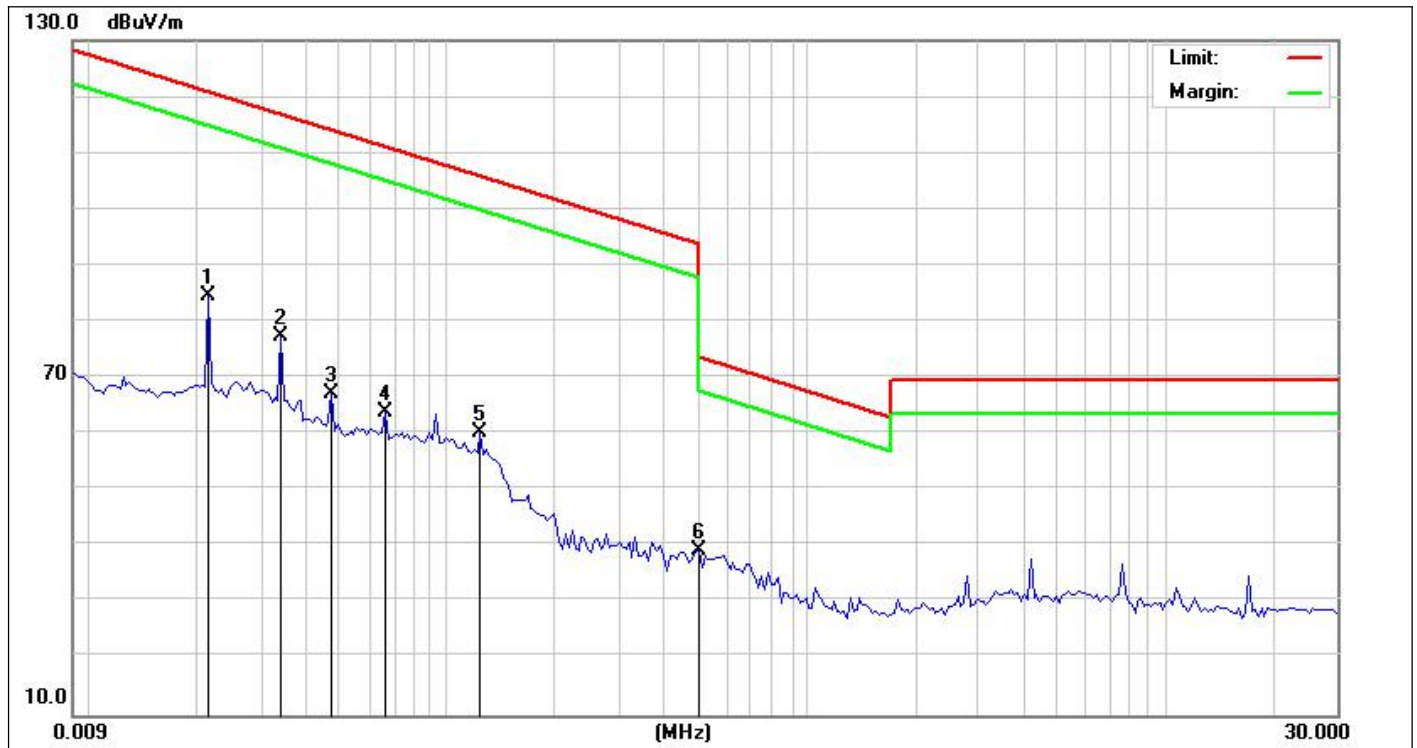
15.205 Restricted bands of operation

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

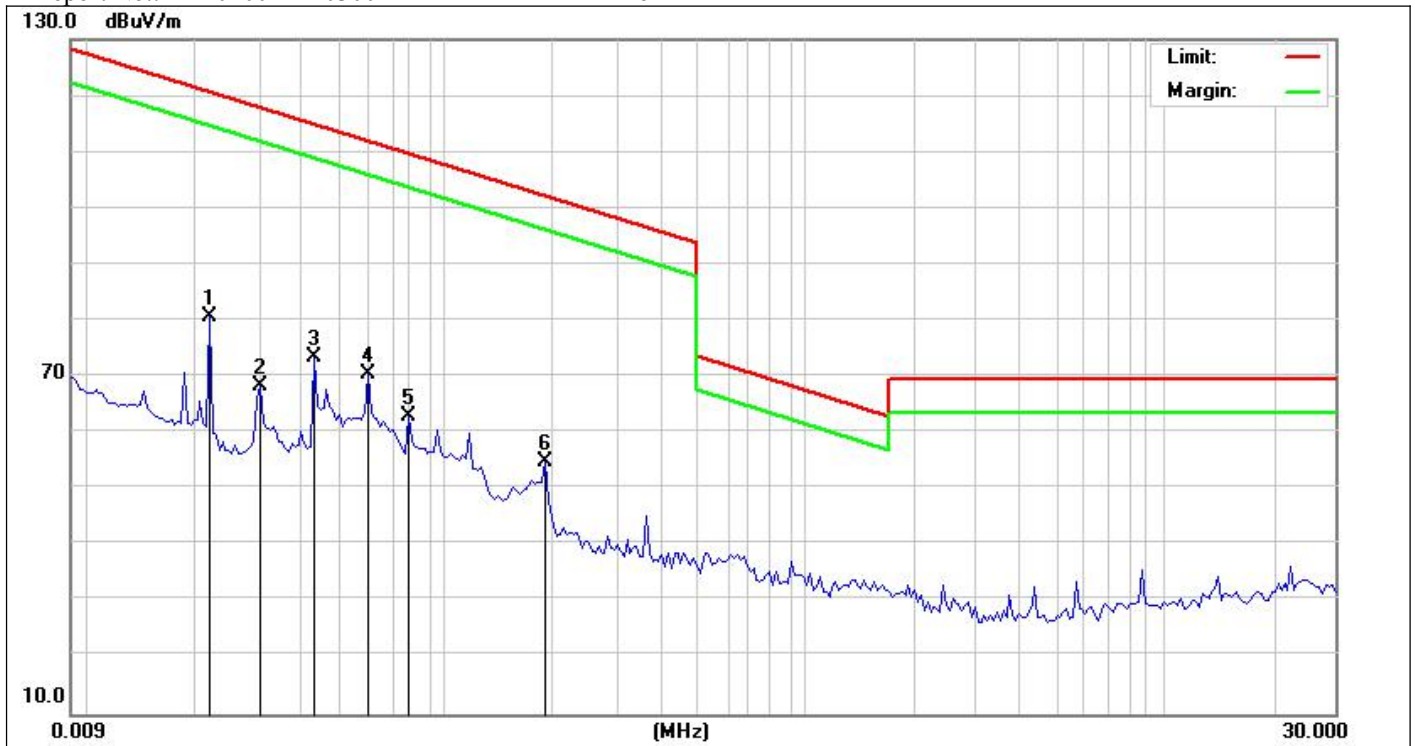
We pretested modes (Wireless Charging(15W), Wireless Charging(10W), Wireless Charging(5W)) for EUT. The worst mode (Wireless Charging(15W)) test data see follow the table.



Site:	LAB	Antenna: Vertical	Temperature(C): 23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:	Humidity(%): 56.7%
EUT:	Qi Travel Power Bank	Power Rating:	AC 220V/60Hz
M/N.:	QP-10200B	Test Engineer:	sunshine
Mode:	Wireless Charging 15W		
Note:			

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	0.0212	84.67	-9.12	75.55	120.91	-45.36	QP	100	36	
2	0.0342	77.48	-9.08	68.4	116.78	-48.38	QP	100	36	
3	0.0475	67.17	-8.96	58.21	113.94	-55.73	QP	100	42	
4	0.0670	63.97	-8.85	55.12	110.98	-55.86	QP	100	46	
5	0.1231	90.50	-7.65	82.85	105.72	-22.87	QP	100	126	
6 *	0.4989	69.06	-7.02	62.04	73.64	-11.6	QP	100	126	

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



Site:	LAB	Antenna::	Horizontal	Temperature(C):	23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:	2020/12/02	Humidity(%):	56.7%
EUT:	Qi Travel Power Bank	Power Rating:	AC 220V/60Hz		
M/N.:	QP-10200B	Test Engineer:	sunshine		
Mode:	Wireless Charging 15W				
Note:					

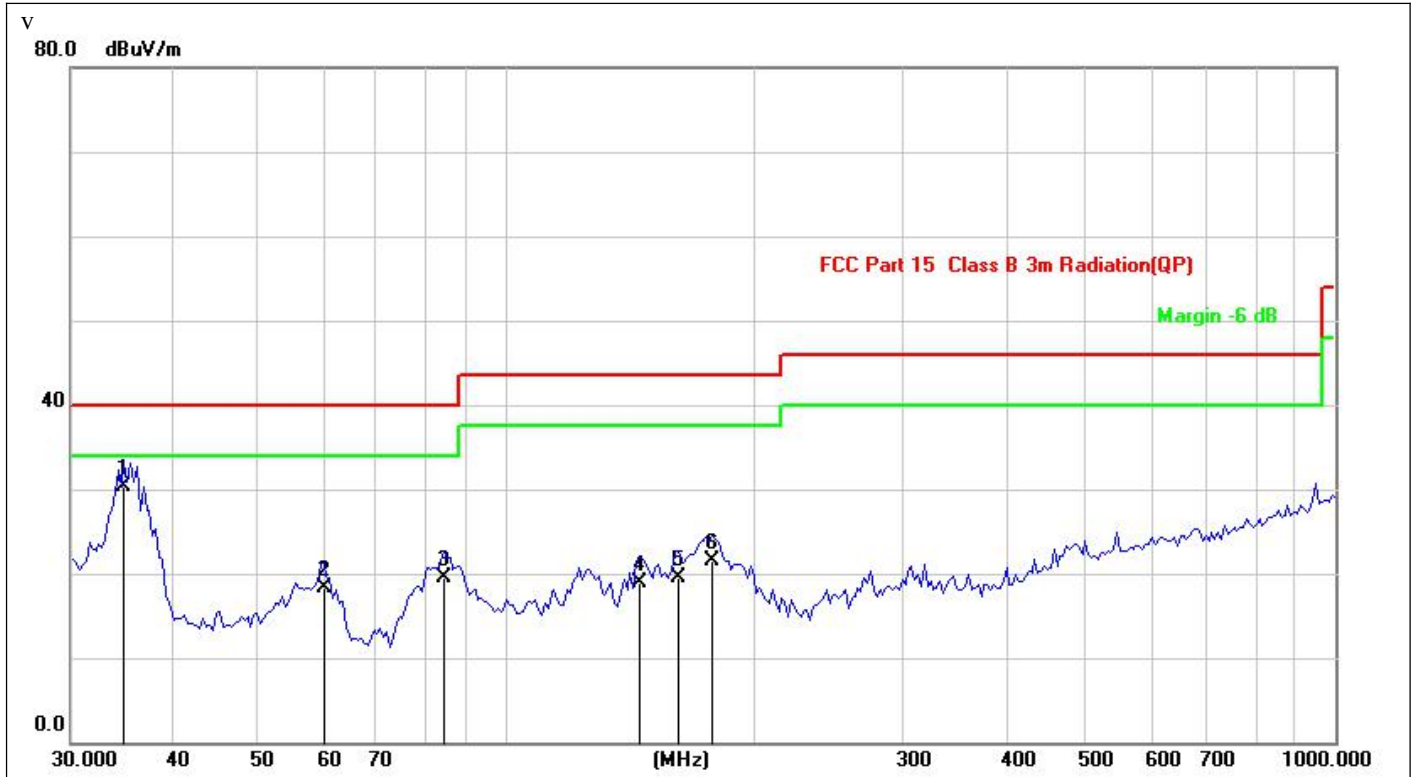
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	0.0217	80.63	-9.12	71.51	120.71	-49.2	QP	100	36	
2	0.0303	68.40	-9.08	59.32	117.83	-58.51	QP	100	36	
3	0.0429	73.35	-8.96	64.39	114.82	-50.43	QP	100	42	
4	0.0606	70.32	-8.85	61.47	111.84	-50.37	QP	100	46	
5	0.0786	63.08	-8.15	54.93	109.60	-54.67	QP	100	126	
6	0.1884	85.03	-7.55	77.48	102.05	-24.57	QP	100	126	

- 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.



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

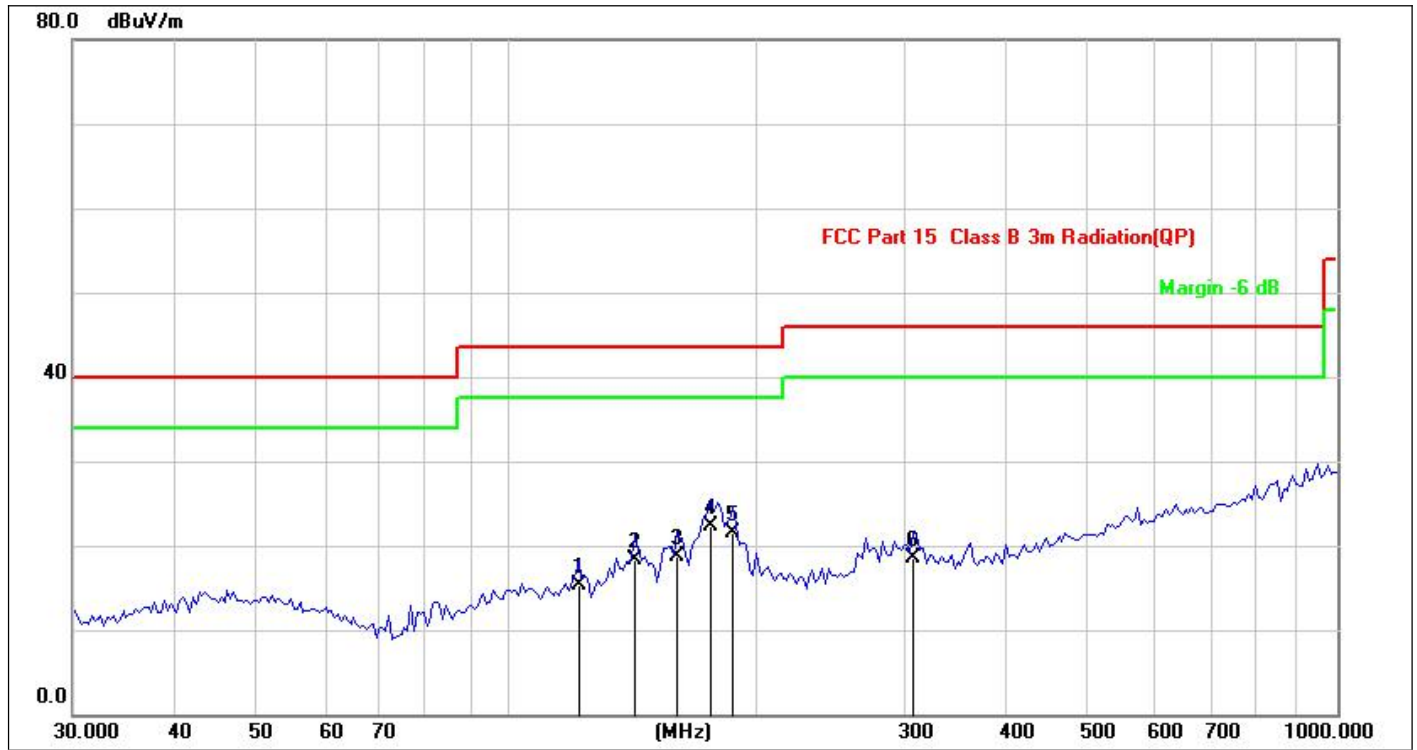
Test mode: Wireless Charging 5W use iPhone



Site:	LAB	Antenna::	Vertical	Temperature(C):	23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:	2020/12/02	Humidity(%):	56.7%
EUT:	Qi Travel Power Bank	Power Rating:	AC 220V/60Hz	Test Engineer:	sunshine
M/N.:	QP-10200B				
Mode:	Wireless Charging 5W				
Note:					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1 *	34.8212	44.24	-13.94	30.30	40.00	-9.70	QP	100	23	
2	60.4919	31.97	-13.67	18.30	40.00	-21.70	QP	100	27	
3	84.4054	33.97	-14.37	19.60	40.00	-20.40	QP	100	47	
4	145.3506	33.33	-14.43	18.90	43.50	-24.60	QP	100	47	
5	161.4742	33.06	-13.46	19.60	43.50	-23.90	QP	100	135	
6	177.8207	33.87	-12.37	21.50	43.50	-22.00	QP	100	135	

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



Site:	LAB	Antenna::Horizontal	Temperature(C):23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:	Humidity(%):56.7%
EUT:	Qi Travel Power Bank	Power Rating:	2020/12/02
M/N.:	QP-10200B	Test Engineer:	AC 220V/60Hz
Mode:	Wireless Charging 5W		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	121.9755	28.38	-13.08	15.30	43.50	-28.20	QP	200	23	
2	142.8243	32.77	-14.47	18.30	43.50	-25.20	QP	200	23	
3	160.0648	32.26	-13.56	18.70	43.50	-24.80	QP	200	31	
4 *	176.2686	34.86	-12.46	22.40	43.50	-21.10	QP	200	35	
5	187.4241	33.14	-11.54	21.60	43.50	-21.90	QP	200	34	
6	308.9126	26.97	-8.37	18.60	46.00	-27.40	QP	200	120	



For battery powered mode, We pretested modes (Wireless Charging(15W), Wireless Charging(10W), Wireless Charging(5W)) for EUT. The worst test data see follow the table.

Test mode: Wireless Charging 15W use Xiaomi 9



Site:	LAB	Antenna::	Vertical	Temperature(C):	23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:		Humidity(%):	56.7%
EUT:	Qi Travel Power Bank	Power Rating:		Battery	3.7V
M/N.:	QP-10200B	Test Engineer:			sunshine
Mode:	Wireless Charging 15W				
Note:					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	144.0819	41.35	-14.45	26.90	43.50	-16.60	QP	100	254	
2	153.2004	39.92	-14.12	25.80	43.50	-17.70	QP	100	123	
3	168.7093	36.73	-12.93	23.80	43.50	-19.70	QP	100	123	
4	282.9852	35.27	-8.87	26.40	46.00	-19.60	QP	100	254	
5	431.0316	35.75	-6.55	29.20	46.00	-16.80	QP	100	169	
6 *	491.6059	38.61	-5.21	33.40	46.00	-12.60	QP	100	147	

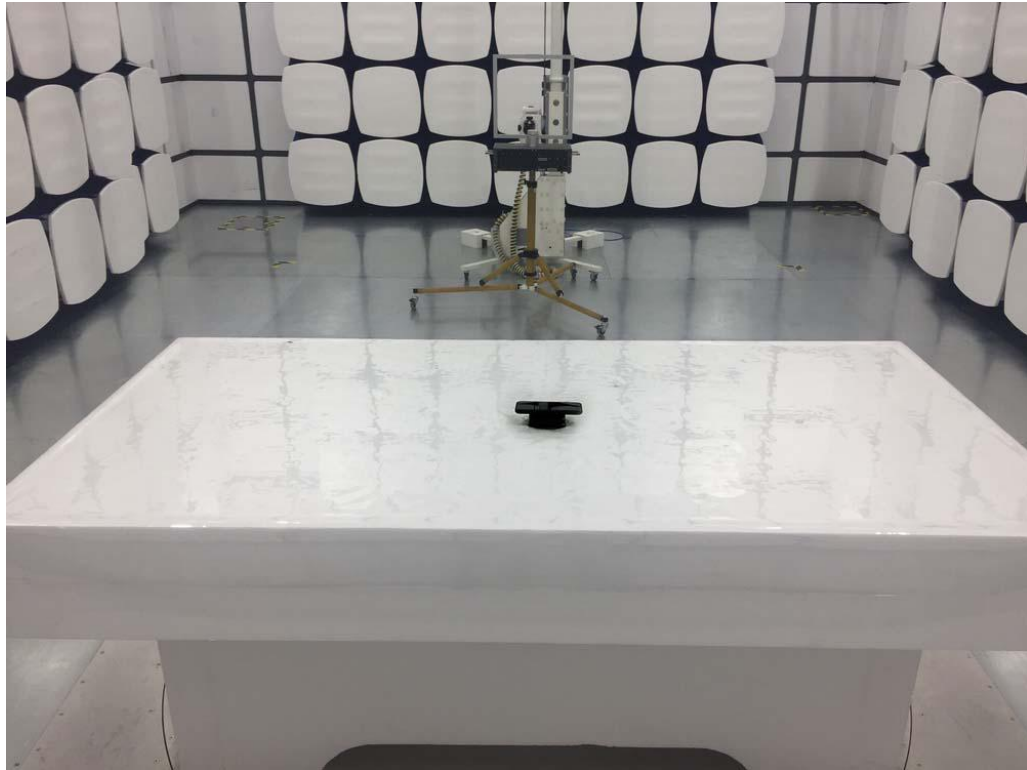
*:Maximum data x:Over limit !:over margin



Site:	LAB	Antenna::	Horizontal	Temperature(C):	23.4(C)
Limit:	FCC Part 15 Class B 3m Radiation(QP)	Test Time:	2020/12/02	Humidity(%):	56.7%
EUT:	Qi Travel Power Bank	Power Rating:	Battery 3.7V	Test Engineer:	sunshine
M/N.:	QP-10200B				
Mode:	Wireless Charging 15W				
Note:					

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)	Remark
1	135.5062	31.28	-14.28	17.00	43.50	-26.50	QP	200	254	
2	147.9214	36.60	-14.40	22.20	43.50	-21.30	QP	200	123	
3 *	165.7771	38.95	-13.15	25.80	43.50	-17.70	QP	200	123	
4	206.3976	33.04	-10.64	22.40	43.50	-21.10	QP	200	254	
5	282.9852	33.07	-8.87	24.20	46.00	-21.80	QP	200	46	
6	361.7139	32.21	-7.71	24.50	46.00	-21.50	QP	200	46	

6.6 Radiated Measurement Photos



7 20db Bandwidth

7.1 20dB Bandwidth Limit

None: for reporting purposed only.

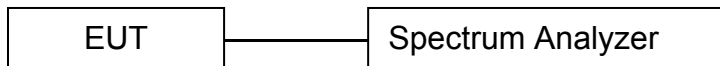
7.2 Test Instruments

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 30Hz RBW and 100Hz 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

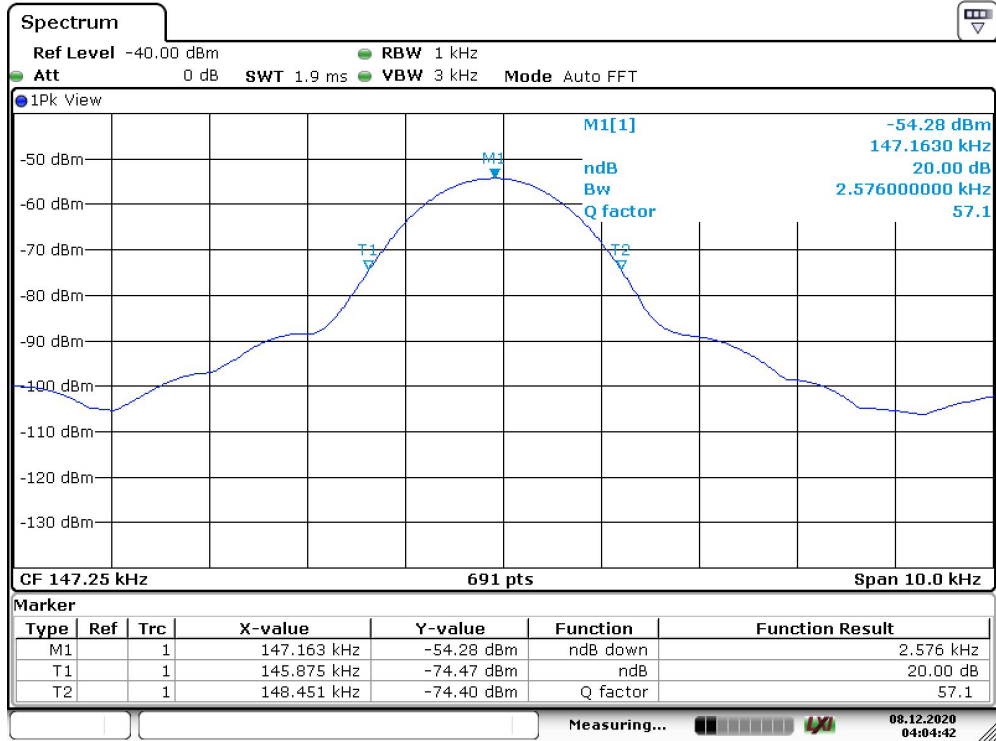


7.5 Test Result

Frequency (KHz)	20dB Bandwidth (kHz)	Results
147.25	2.576	PASS



20 dB Bandwidth Test plot



Date: 8.DEC.2020 04:04:42



8 Antenna Application

8.1 Antenna requirement

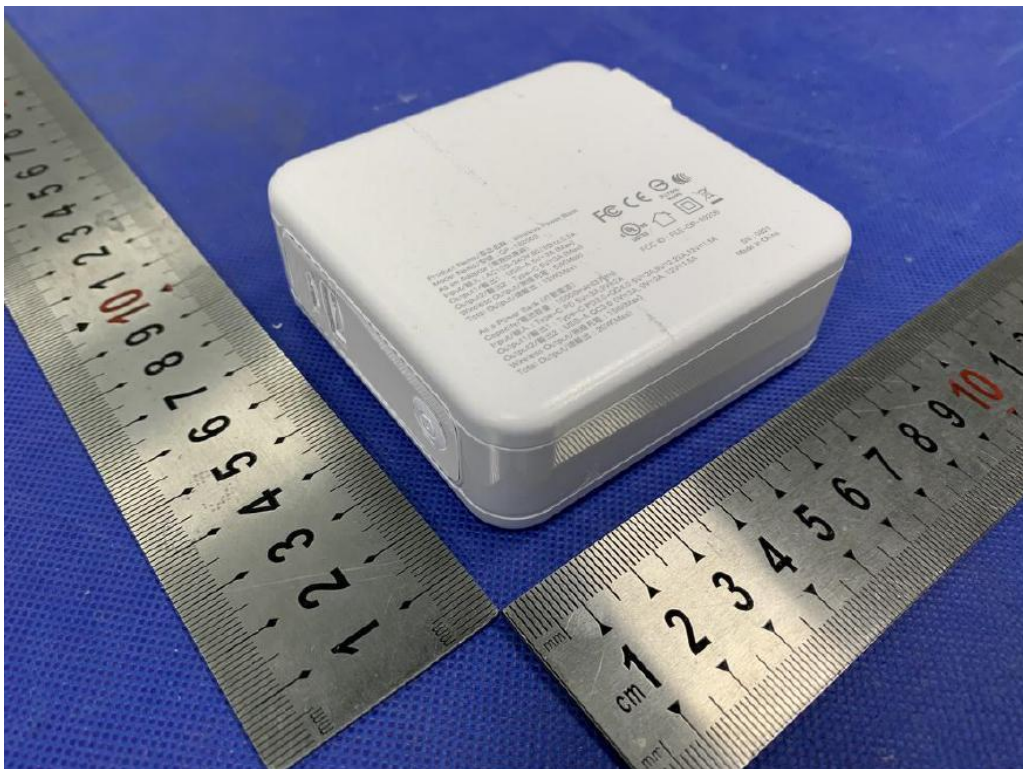
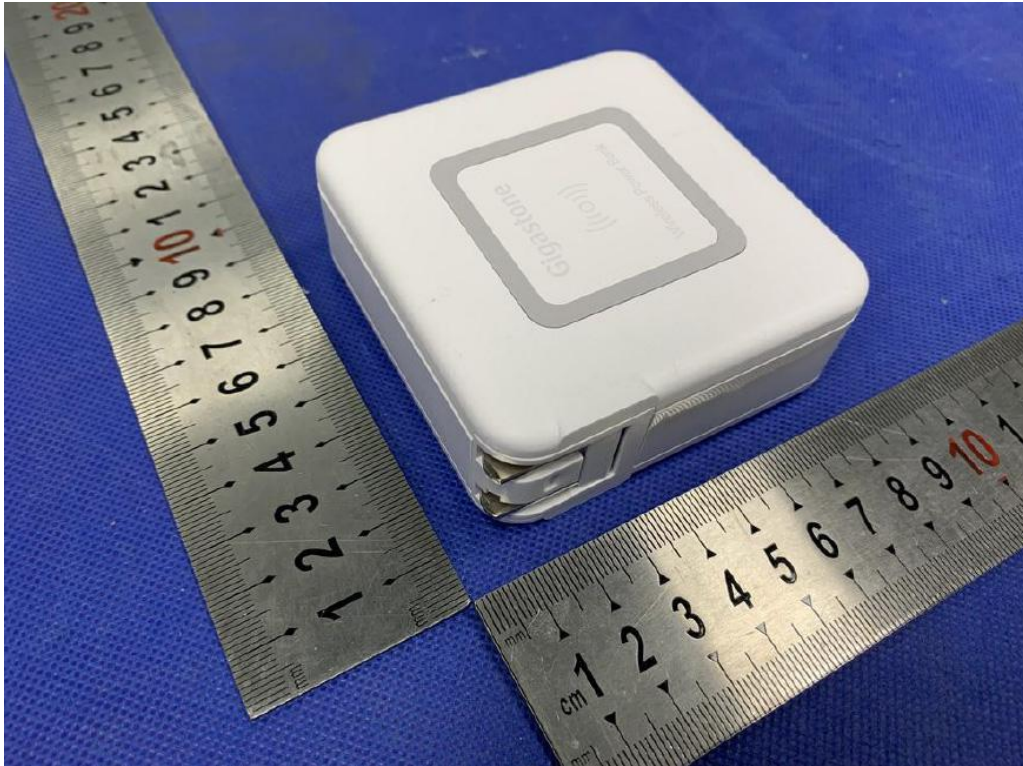
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

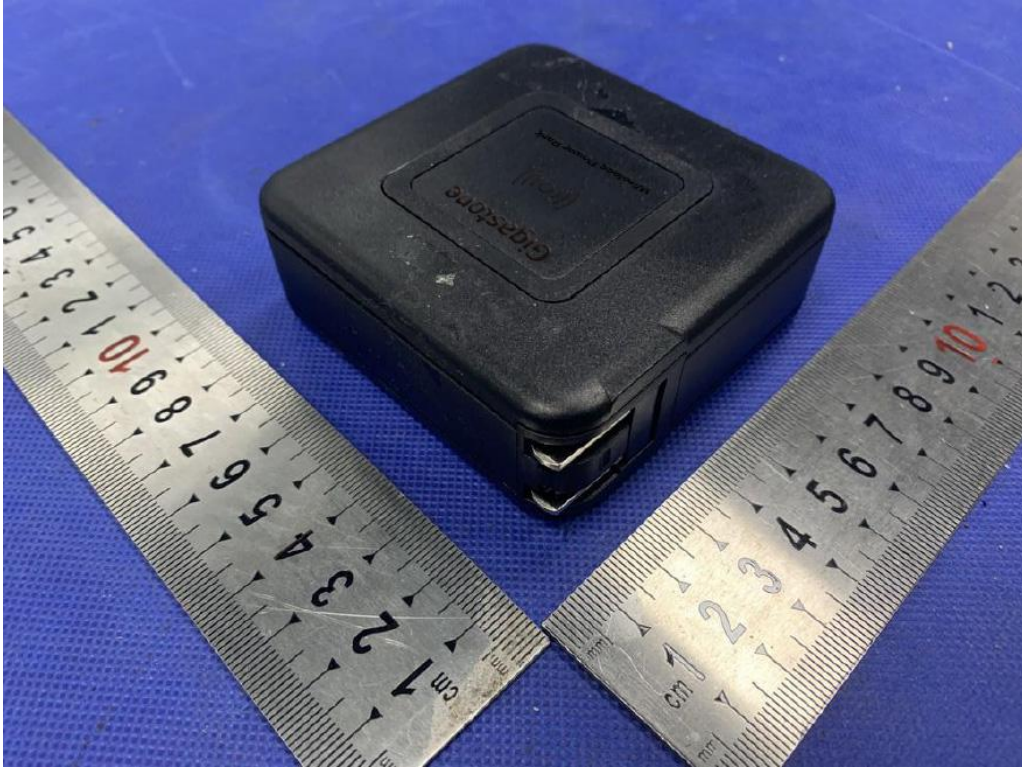
8.2 Result

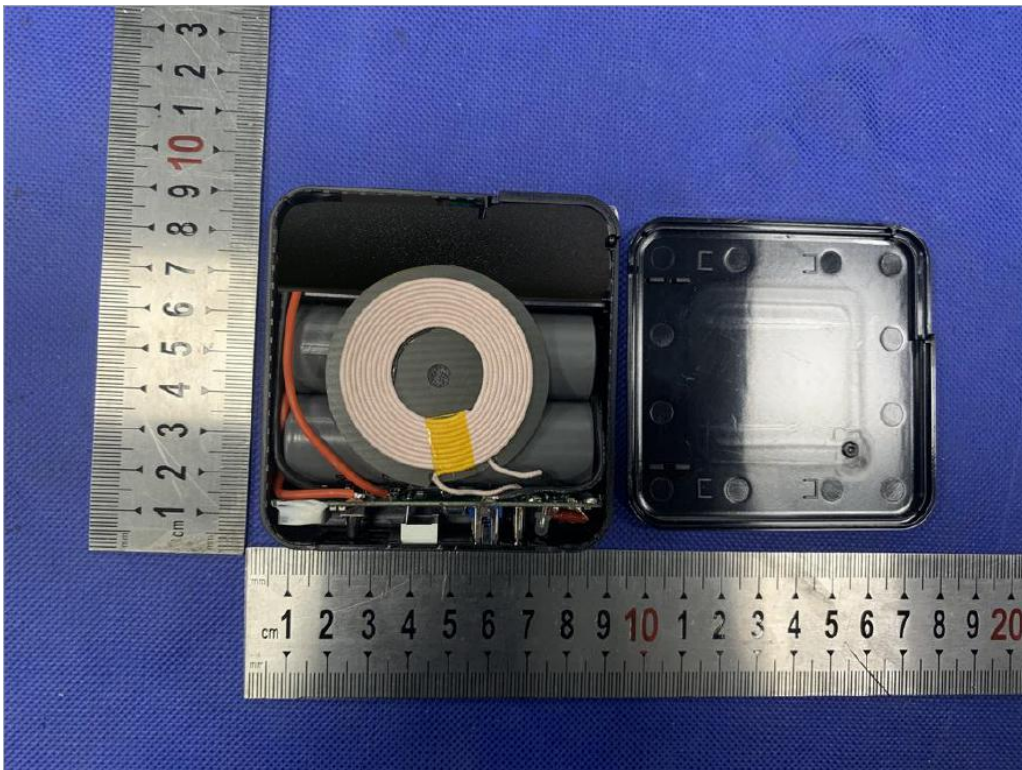
The EUT's antenna, permanent attached antenna, used an Induction coil and integrated on PCB, The antenna's gain meets the requirement.

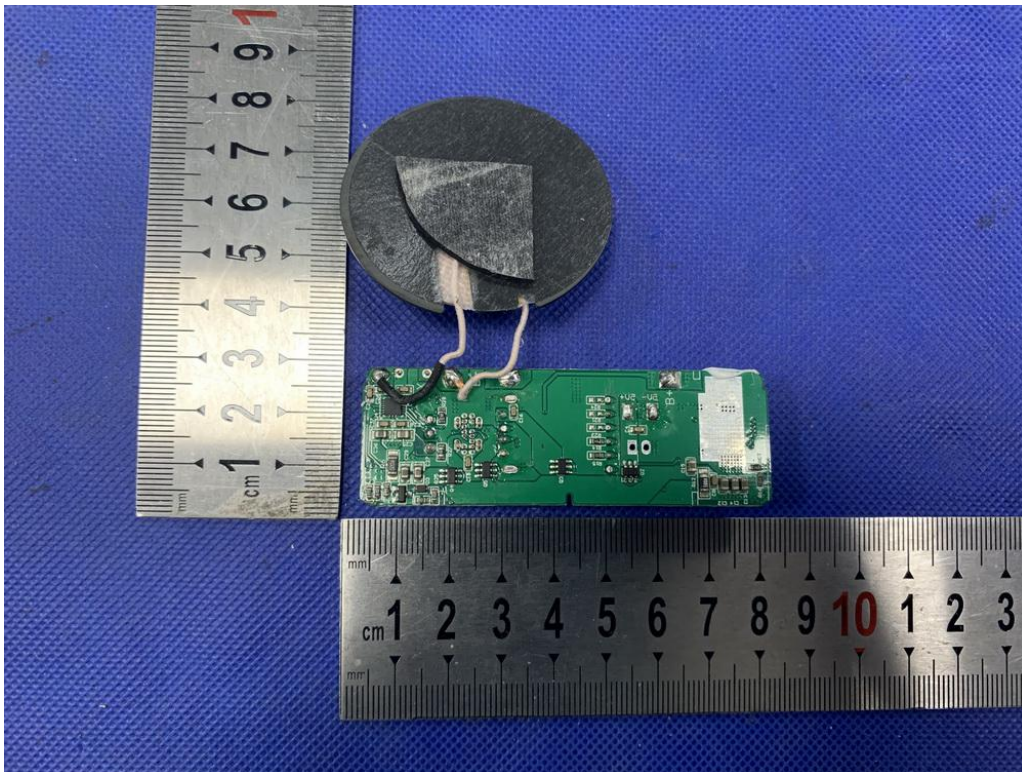
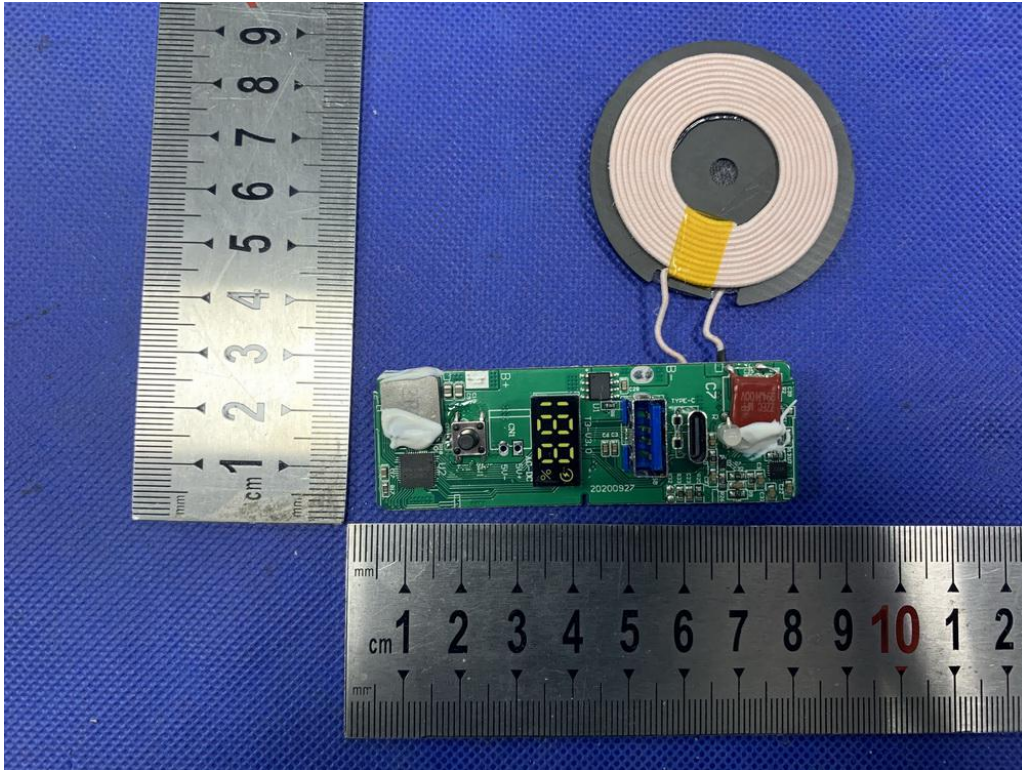


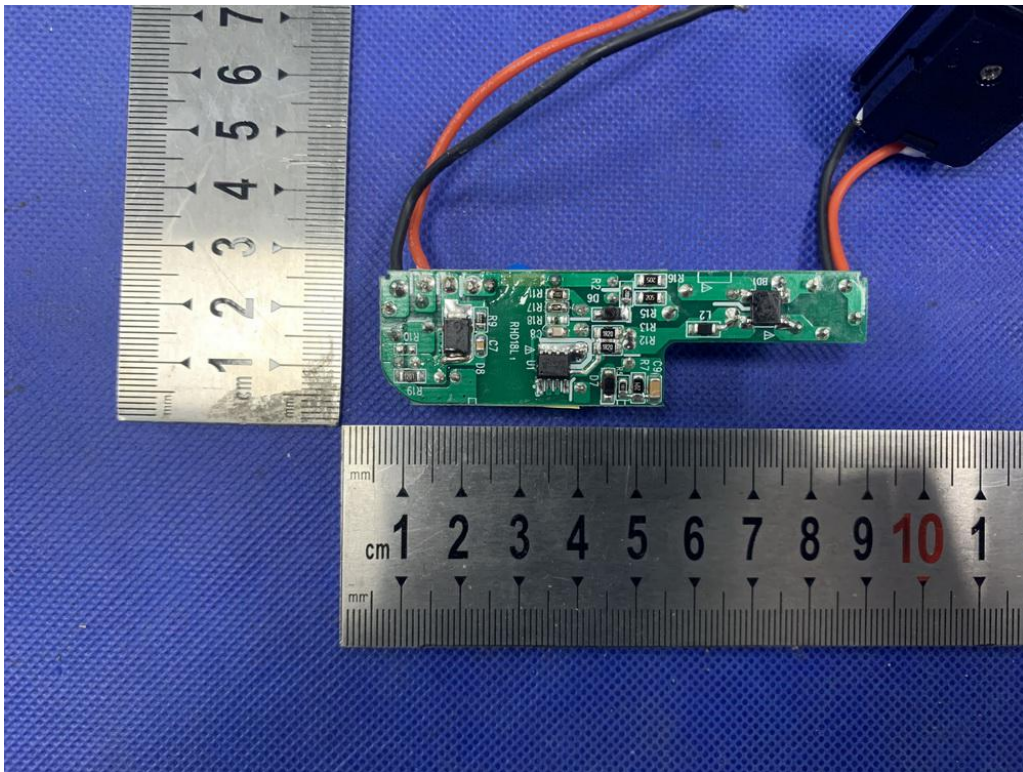
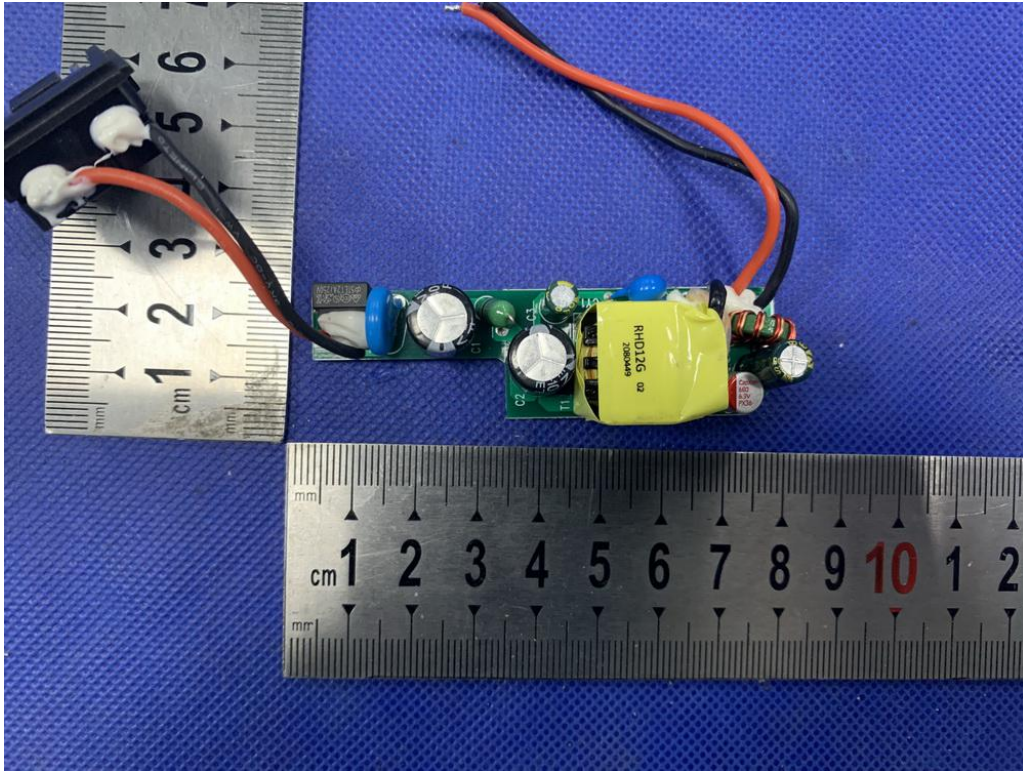
APPENDIX (Photos of EUT)













-----The end of report-----