TEST REPORT

Report No.:	BCTC2212153868-2E
Applicant:	BEZALEL INC.
Product Name:	Prelude X Wireless Power Bank
Model/Type Ref.:	BZ1PX20
Tested Date:	2022-12-06 to 2023-03-16
Issued Date:	2023-03-16

Shenzhen BCTC Testing Co., Ltd.

FCC ID: 2AS7K-BZ1PX20

Product Name:	Prelude X Wireless Power Bank
Trademark:	BEZALEL
Model/Type Ref.:	BZ1PX20
Prepared For:	BEZALEL INC.
Address:	3528 Torrance Blvd., Ste. 215, Torrance, CA 90503, United States
Manufacturer:	BEZALEL INC.
Address:	3528 Torrance Blvd., Ste. 215, Torrance, CA 90503, United States
Prepared By:	Shenzhen BCTC Testing Co., Ltd.
Address:	1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Sample Received Date:	2022-12-06
Sample tested Date:	2022-12-06 to 2023-03-16
Issue Date:	2023-03-16
Report No.:	BCTC2212153868-2E
Test Standards:	FCC CFR 47 part1, 1.1307(b), 1.1310
Test Results:	PASS

Tested by:

Brave Zeng/ Project Handler

Approved by:

Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

Table Of Content

(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2212153868-2E	2023-03-16	Original	Valid

2. Product Information

2.1 Product Information

Model/Type Ref.:	BZ1PX20
Model differences:	N/A
Product Description:	Prelude X Wireless Power Bank
Operation Frequency:	115kHz-205kHz
Antenna installation:	loop coil antenna
Ratings:	USB-C Input: 5V/3A;9V/2.2A Wireless Input:5V/1A;9V1.2A USB-C Output:5V/3A;9V/2.2A Wireless Output 1:5W,7.5W,10W,15W Wireless Output 2:3W
Hardware Version:	N/A
Software Version:	N/A

Cable of Product

No.	Cable Type	Quantity	Provider	Length (m)	Shielded	Note
1	--	--	Applicant	---	Yes/No	With a ferrite ring in mid Detachable
2	--	--	BCTC	--	Yes/No	--

2.2 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
1.	Wireless load	---	---	---	auxiliary

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

2.3 Test Mode

Test Modes 1	Charging +Wireless（5W）
Test Modes 2	Wireless Charging 3W
Test Modes 3	Wireless Charging 5W
Test Modes 4	Wireless Charging 7.5W
Test Modes 5	Wireless Charging 10W
Test Modes 6	Wireless Charging 15W
Test Modes 7	Type-C Output(5V1.25)+Wireless 5W

3. Test Facility And Test Instrument Used

3.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.
FCC Test Firm Registration Number: 712850
IC Registered No.: 23583

3.2 Test Instrument Used

EMF Test					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
Electromagnet-ic radiation tester	Wavecontrol	SMP160	19SN0980	May 26, 2022	May 25, 2023
Electromagne-tic field probe	Wavecontrol	WP400-3	20WP120082	Sept. 08, 2022	Sept. 07, 2023
843 Chamber	ETS	843	84301	Aug. 27, 2020	Aug. 26, 2023
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\

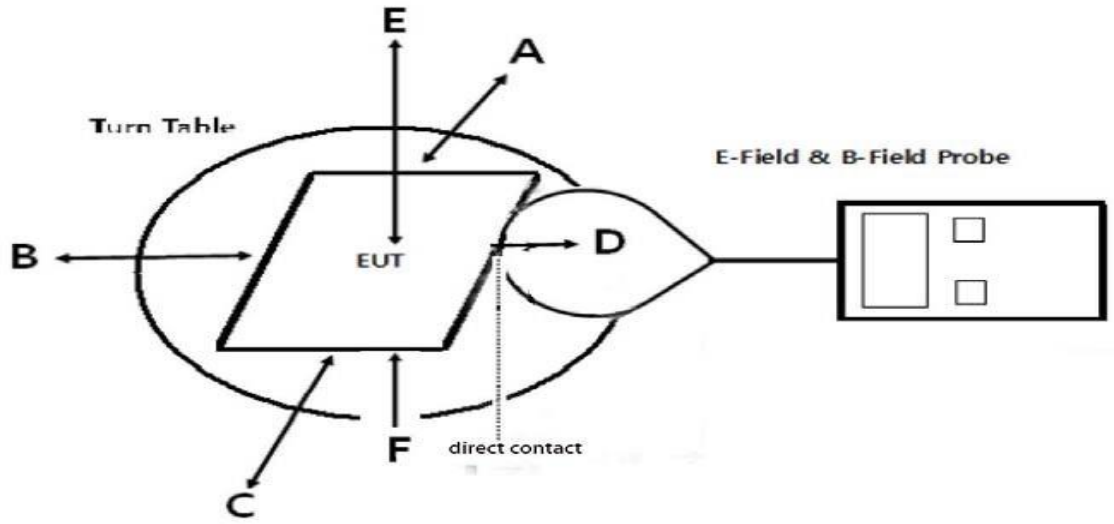
4. Method Of Measurement

4.1 Applicable Standard

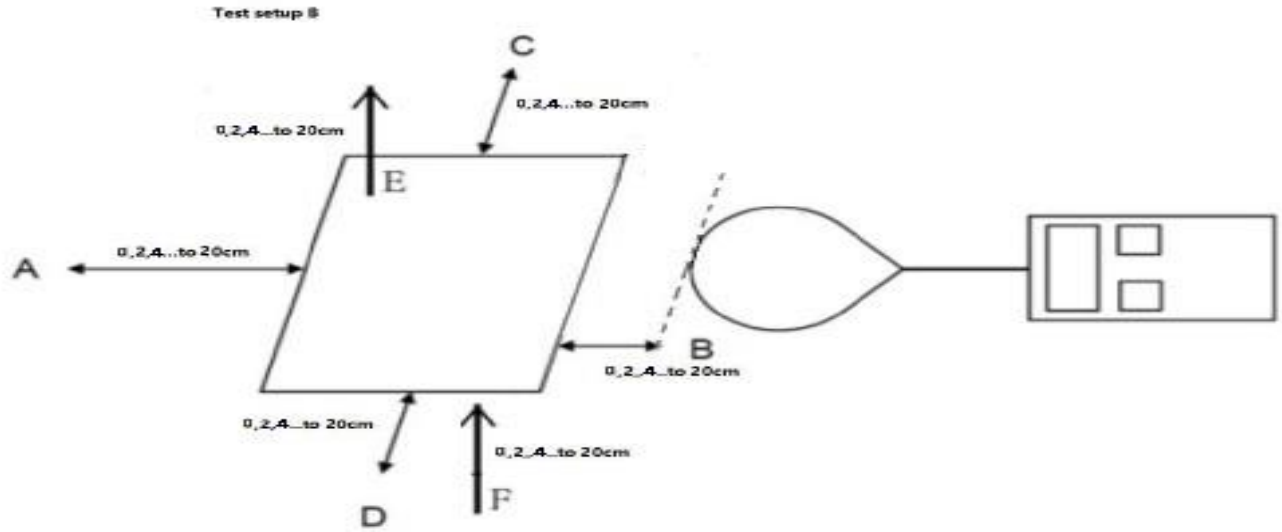
According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v03: RF Exposure Wireless Charging Apps v02.

4.2 Block Diagram Of Test Setup

A:



B:



4.3 Limit

Limits for Occupational / Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm²)	Averaging Time |E|²,|H|² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

Limits for General Population / Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm²)	Averaging Time |E|²,|H|² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180 / f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1	30

4.4 Test Procedure

a) he RF exposure test was performed in anechoic chamber.
b) The measurement probe was placed at 0 cm surrounding the device for test setup A; and the measurement Probe was placed from 0 cm to 20 cm, in 2 cm maximum increment measured from the edge of the device For the test setup B.
c)The highest emission level was recorded and compared with limit as soon as measurement of eachd) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
d)The EUT was measured according to the dictates of KDB680106 D01v03r01
f)Remark:
The EUT's test position A, B, C, D , E and F is valid for the E and H field measurements.

4.5 Equipment Approval Considerations

The EUT does comply with item 5(b) of KDB 680106 D01v03

1) Power transfer frequency is less than 1MHz
   Yes, the device operate in the frequency range from 115-205KHz
2) Output power from each primary coil is less than or equal to 15 watts.
   Yes, the maximum output power of the primary coil is 15W.
3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that able to detect and allow coupling onlybetween individual pair of coils.
   No, the prototype has only a single coil.
4) Client device is inserted in or placed directly in contact with the transmitter.
   Yes, client device is placed directly in contact with the transmitter.
5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
   No,The product is portable
6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.
   Yes, the EUT field strength levels are 10% x MPE limit.

4.6 E And H Field Strength

Wireless Charging Area 1
For setup A:
Worst Case Operating Mode: Mode 6

H-Filed Strength at 0 cm from edges surrounding the EUT (A/m)

Frequency Range (KHz)	Operation condition	Test Position A (A/m)	Test Position B (A/m)	Test Position C (A/m)	Test Position D (A/m)	Test Position E (A/m)	Test Position F (A/m)	Limits (A/m)
115kHz-205kHz	1% battery	0.103	0.092	0.043	0.091	0.082	0.021	1.63
115kHz-205kHz	50% battery	0.018	0.055	0.069	0.218	0.070	0.066	1.63
115kHz-205kHz	99% battery	0.076	0.033	0.005	0.068	0.059	0.150	1.63

Frequency Range (KHz)	Operation condition	Test Position A (uT)	Test Position B (uT)	Test Position C (uT)	Test Position D (uT)	Test Position E (uT)	Test Position F (uT)	Limits (uT)
115kHz-205kHz	1% battery	0.129	0.115	0.054	0.114	0.103	0.026	2.038
115kHz-205kHz	50% battery	0.022	0.069	0.087	0.272	0.088	0.082	2.038
115kHz-205kHz	99% battery	0.095	0.042	0.006	0.085	0.073	0.188	2.038

Note:A/m=uT÷1.25

E-Filed Strength at 0 cm from edges surrounding the EUT (V/m)

Frequency Range (KHz)	Operation condition	Test Position A (V/m)	Test Position B (V/m)	Test Position C (V/m)	Test Position D (V/m)	Test Position E (V/m)	Test Position F (V/m)	Limits (V/m)
115kHz-205kHz	1% battery	0.091	0.006	0.028	0.161	0.042	0.070	614
115kHz-205kHz	50% battery	0.101	0.017	0.071	0.113	0.075	0.011	614
115kHz-205kHz	99% battery	0.067	0.085	0.050	0.041	0.029	0.100	614

For setup B:
Worst Case Operating Mode: Mode 2

1% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.027	0.121	0.037	0.198	0.071	0.112	1.63
2	0.110	0.079	0.027	0.150	0.076	0.147	1.63
4	0.089	0.015	0.087	0.074	0.066	0.077	1.63
6	0.106	0.055	0.054	0.157	0.005	0.124	1.63
8	0.092	0.065	0.041	0.201	0.001	0.010	1.63
10	0.103	0.092	0.023	0.166	0.049	0.010	1.63
12	0.040	0.033	0.044	0.029	0.043	0.019	1.63
14	0.029	0.001	0.020	0.016	0.071	0.036	1.63
16	0.020	0.033	0.002	0.151	0.019	0.148	1.63
18	0.022	0.092	0.082	0.020	0.021	0.122	1.63
20	0.074	0.055	0.088	0.045	0.046	0.061	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.034	0.151	0.046	0.248	0.088	0.141	2.038
2	0.137	0.099	0.033	0.187	0.094	0.184	2.038
4	0.112	0.019	0.109	0.093	0.082	0.096	2.038
6	0.132	0.068	0.068	0.196	0.006	0.155	2.038
8	0.115	0.081	0.051	0.251	0.001	0.012	2.038
10	0.129	0.115	0.029	0.208	0.061	0.013	2.038
12	0.050	0.041	0.055	0.037	0.054	0.023	2.038
14	0.036	0.001	0.025	0.020	0.089	0.045	2.038
16	0.025	0.041	0.003	0.189	0.024	0.185	2.038
18	0.028	0.114	0.102	0.025	0.026	0.153	2.038
20	0.092	0.068	0.110	0.057	0.057	0.076	2.038

Note:A/m=uT÷1.25

E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.063	0.035	0.032	0.165	0.074	0.029	614
2	0.023	0.095	0.042	0.184	0.064	0.092	614
4	0.109	0.039	0.022	0.202	0.033	0.130	614
6	0.044	0.097	0.063	0.171	0.060	0.028	614
8	0.062	0.111	0.058	0.204	0.039	0.141	614
10	0.110	0.112	0.057	0.143	0.023	0.020	614
12	0.102	0.072	0.091	0.129	0.069	0.035	614
14	0.024	0.080	0.010	0.037	0.060	0.049	614
16	0.109	0.042	0.042	0.086	0.009	0.103	614
18	0.052	0.072	0.009	0.005	0.036	0.034	614
20	0.102	0.029	0.026	0.200	0.064	0.026	614

50% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.040	0.027	0.015	0.043	0.036	0.115	1.63
2	0.019	0.105	0.017	0.198	0.034	0.061	1.63
4	0.035	0.089	0.086	0.068	0.038	0.141	1.63
6	0.031	0.064	0.062	0.015	0.034	0.011	1.63
8	0.109	0.023	0.027	0.127	0.057	0.086	1.63
10	0.099	0.042	0.017	0.033	0.077	0.022	1.63
12	0.102	0.003	0.072	0.110	0.041	0.059	1.63
14	0.062	0.067	0.037	0.102	0.033	0.053	1.63
16	0.084	0.036	0.036	0.168	0.081	0.121	1.63
18	0.037	0.029	0.001	0.004	0.033	0.018	1.63
20	0.077	0.078	0.069	0.033	0.042	0.101	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.050	0.034	0.019	0.054	0.045	0.144	2.038
2	0.023	0.132	0.021	0.248	0.043	0.076	2.038
4	0.043	0.111	0.107	0.085	0.047	0.176	2.038
6	0.038	0.080	0.077	0.018	0.042	0.014	2.038
8	0.136	0.029	0.034	0.159	0.072	0.107	2.038
10	0.124	0.053	0.021	0.042	0.096	0.028	2.038
12	0.128	0.004	0.090	0.138	0.052	0.074	2.038
14	0.077	0.083	0.046	0.127	0.042	0.066	2.038
16	0.105	0.045	0.045	0.209	0.101	0.151	2.038
18	0.046	0.036	0.001	0.005	0.041	0.023	2.038
20	0.096	0.098	0.086	0.041	0.052	0.126	2.038

Note:A/m=uT÷1.25

E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.071	0.105	0.032	0.131	0.010	0.089	614
2	0.046	0.070	0.069	0.180	0.068	0.106	614
4	0.022	0.003	0.088	0.100	0.027	0.100	614
6	0.110	0.085	0.077	0.056	0.038	0.005	614
8	0.102	0.088	0.069	0.194	0.062	0.054	614
10	0.021	0.096	0.024	0.133	0.061	0.130	614
12	0.087	0.017	0.029	0.079	0.063	0.147	614
14	0.103	0.103	0.007	0.184	0.025	0.016	614
16	0.015	0.059	0.072	0.064	0.048	0.064	614
18	0.091	0.003	0.026	0.185	0.018	0.089	614
20	0.011	0.062	0.039	0.066	0.045	0.053	614

99% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.099	0.090	0.041	0.195	0.072	0.044	1.63
2	0.065	0.033	0.014	0.059	0.045	0.152	1.63
4	0.037	0.012	0.083	0.199	0.015	0.138	1.63
6	0.019	0.090	0.018	0.183	0.007	0.013	1.63
8	0.046	0.086	0.013	0.042	0.059	0.150	1.63
10	0.006	0.113	0.075	0.147	0.043	0.029	1.63
12	0.096	0.028	0.065	0.198	0.034	0.076	1.63
14	0.088	0.035	0.040	0.081	0.066	0.096	1.63
16	0.053	0.087	0.087	0.186	0.073	0.066	1.63
18	0.097	0.008	0.026	0.049	0.009	0.001	1.63
20	0.004	0.069	0.025	0.041	0.012	0.072	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.124	0.112	0.051	0.243	0.090	0.055	2.038
2	0.082	0.041	0.017	0.074	0.056	0.190	2.038
4	0.046	0.015	0.104	0.248	0.018	0.173	2.038
6	0.023	0.113	0.022	0.229	0.009	0.017	2.038
8	0.058	0.107	0.016	0.052	0.074	0.187	2.038
10	0.007	0.142	0.094	0.183	0.054	0.036	2.038
12	0.120	0.035	0.081	0.247	0.042	0.095	2.038
14	0.110	0.044	0.050	0.102	0.083	0.120	2.038
16	0.066	0.109	0.109	0.233	0.091	0.083	2.038
18	0.122	0.010	0.033	0.061	0.011	0.002	2.038
20	0.005	0.086	0.031	0.052	0.014	0.090	2.038

Note:A/m=uT÷1.25

E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.046	0.018	0.054	0.148	0.062	0.136	614
2	0.024	0.010	0.008	0.115	0.043	0.045	614
4	0.064	0.034	0.059	0.048	0.049	0.002	614
6	0.033	0.093	0.064	0.219	0.073	0.135	614
8	0.025	0.033	0.040	0.145	0.051	0.043	614
10	0.108	0.026	0.002	0.084	0.085	0.081	614
12	0.061	0.113	0.009	0.167	0.064	0.062	614
14	0.029	0.017	0.092	0.112	0.087	0.078	614
16	0.036	0.049	0.014	0.166	0.073	0.039	614
18	0.020	0.116	0.048	0.045	0.024	0.079	614
20	0.027	0.076	0.062	0.131	0.058	0.012	614

Note: In the frequency range of 1k-10M, except the fundamental frequency, other transmissions of the power transmission system are less than 20dB lower than the maximum fundamental transmission, so it is not necessary to evaluate.

Wireless Charging Area 2
For setup A:
Worst Case Operating Mode: Mode 2

H-Filed Strength at 0 cm from edges surrounding the EUT (A/m)

Frequency Range (KHz)	Operation condition	Test Position A (A/m)	Test Position B (A/m)	Test Position C (A/m)	Test Position D (A/m)	Test Position E (A/m)	Test Position F (A/m)	Limits (A/m)
115kHz-205kHz	1% battery	0.013	0.102	0.027	0.157	0.080	0.071	1.63
115kHz-205kHz	50% battery	0.027	0.095	0.048	0.131	0.005	0.013	1.63
115kHz-205kHz	99% battery	0.075	0.109	0.019	0.221	0.087	0.001	1.63

Frequency Range (KHz)	Operation condition	Test Position A (uT)	Test Position B (uT)	Test Position C (uT)	Test Position D (uT)	Test Position E (uT)	Test Position F (uT)	Limits (uT)
115kHz-205kHz	1% battery	0.017	0.127	0.034	0.196	0.100	0.089	2.038
115kHz-205kHz	50% battery	0.033	0.119	0.060	0.164	0.006	0.016	2.038
115kHz-205kHz	99% battery	0.094	0.137	0.024	0.276	0.109	0.001	2.038

Note:A/m=uT÷1.25

E-Filed Strength at 0 cm from edges surrounding the EUT (V/m)

Frequency Range (KHz)	Operation condition	Test Position A (V/m)	Test Position B (V/m)	Test Position C (V/m)	Test Position D (V/m)	Test Position E (V/m)	Test Position F (V/m)	Limits (V/m)
115kHz-205kHz	1% battery	0.061	0.054	0.069	0.159	0.069	0.122	614
115kHz-205kHz	50% battery	0.094	0.092	0.028	0.175	0.074	0.104	614
115kHz-205kHz	99% battery	0.065	0.064	0.057	0.151	0.033	0.122	614

For setup B:
Worst Case Operating Mode: Mode 2

1% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.088	0.042	0.065	0.013	0.081	0.086	1.63
2	0.084	0.042	0.011	0.194	0.046	0.152	1.63
4	0.025	0.119	0.084	0.168	0.032	0.104	1.63
6	0.021	0.001	0.043	0.154	0.050	0.070	1.63
8	0.100	0.114	0.075	0.127	0.012	0.032	1.63
10	0.089	0.121	0.017	0.172	0.075	0.034	1.63
12	0.061	0.065	0.042	0.209	0.056	0.094	1.63
14	0.024	0.062	0.063	0.040	0.049	0.032	1.63
16	0.033	0.054	0.066	0.201	0.027	0.142	1.63
18	0.098	0.030	0.084	0.119	0.003	0.023	1.63
20	0.037	0.022	0.053	0.131	0.009	0.112	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.109	0.053	0.081	0.017	0.101	0.108	2.038
2	0.106	0.052	0.013	0.243	0.057	0.190	2.038
4	0.031	0.148	0.106	0.210	0.040	0.130	2.038
6	0.027	0.001	0.054	0.192	0.063	0.088	2.038
8	0.125	0.142	0.094	0.159	0.015	0.040	2.038
10	0.112	0.152	0.021	0.215	0.094	0.043	2.038
12	0.076	0.081	0.053	0.262	0.070	0.118	2.038
14	0.029	0.078	0.079	0.050	0.061	0.040	2.038
16	0.042	0.067	0.083	0.251	0.034	0.177	2.038
18	0.122	0.037	0.105	0.149	0.004	0.029	2.038
20	0.046	0.028	0.066	0.164	0.011	0.139	2.038

Note:A/m=uT÷1.25

E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.054	0.049	0.079	0.182	0.057	0.061	614
2	0.001	0.109	0.062	0.122	0.025	0.121	614
4	0.056	0.069	0.047	0.040	0.013	0.032	614
6	0.079	0.038	0.055	0.135	0.085	0.086	614
8	0.086	0.098	0.014	0.077	0.003	0.111	614
10	0.076	0.071	0.086	0.165	0.045	0.010	614
12	0.106	0.018	0.009	0.101	0.005	0.075	614
14	0.003	0.109	0.014	0.048	0.057	0.152	614
16	0.102	0.095	0.005	0.179	0.080	0.079	614
18	0.089	0.035	0.080	0.212	0.053	0.122	614
20	0.092	0.046	0.014	0.188	0.045	0.070	614

50% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.089	0.082	0.092	0.206	0.001	0.099	1.63
2	0.009	0.016	0.001	0.041	0.049	0.114	1.63
4	0.104	0.095	0.046	0.072	0.054	0.048	1.63
6	0.086	0.081	0.006	0.144	0.077	0.131	1.63
8	0.030	0.119	0.047	0.096	0.017	0.009	1.63
10	0.017	0.073	0.052	0.015	0.008	0.101	1.63
12	0.091	0.003	0.092	0.070	0.010	0.146	1.63
14	0.101	0.083	0.083	0.221	0.013	0.072	1.63
16	0.091	0.087	0.068	0.004	0.039	0.001	1.63
18	0.049	0.089	0.090	0.005	0.075	0.154	1.63
20	0.001	0.049	0.068	0.169	0.089	0.093	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.111	0.102	0.115	0.258	0.001	0.124	2.038
2	0.012	0.021	0.001	0.051	0.062	0.142	2.038
4	0.130	0.119	0.058	0.090	0.067	0.060	2.038
6	0.108	0.101	0.007	0.179	0.097	0.163	2.038
8	0.037	0.149	0.059	0.120	0.021	0.011	2.038
10	0.022	0.091	0.066	0.018	0.011	0.127	2.038
12	0.114	0.004	0.115	0.088	0.013	0.183	2.038
14	0.127	0.104	0.103	0.276	0.017	0.090	2.038
16	0.113	0.108	0.085	0.005	0.049	0.001	2.038
18	0.062	0.111	0.112	0.006	0.094	0.192	2.038
20	0.001	0.061	0.085	0.211	0.111	0.116	2.038

Note:A/m=uT÷1.25

E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.010	0.084	0.057	0.184	0.026	0.054	614
2	0.068	0.004	0.071	0.131	0.010	0.078	614
4	0.031	0.117	0.027	0.133	0.000	0.070	614
6	0.096	0.037	0.044	0.172	0.026	0.003	614
8	0.087	0.059	0.075	0.015	0.026	0.089	614
10	0.043	0.023	0.084	0.126	0.086	0.015	614
12	0.081	0.016	0.063	0.071	0.039	0.148	614
14	0.032	0.031	0.087	0.039	0.020	0.149	614
16	0.098	0.119	0.014	0.124	0.059	0.132	614
18	0.101	0.120	0.059	0.046	0.036	0.062	614
20	0.007	0.120	0.041	0.014	0.002	0.078	614

99% battery

H-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (A/m)

Test distance (cm)	Test Position A(A/m)	Test Position B(A/m)	Test Position C(A/m)	Test Position D(A/m)	Test Position E(A/m)	Test Position F(A/m)	Limits (A/m)
0	0.057	0.055	0.089	0.156	0.039	0.141	1.63
2	0.077	0.040	0.045	0.164	0.046	0.101	1.63
4	0.105	0.099	0.017	0.100	0.019	0.055	1.63
6	0.091	0.091	0.042	0.166	0.002	0.066	1.63
8	0.022	0.017	0.033	0.088	0.065	0.011	1.63
10	0.003	0.022	0.043	0.207	0.077	0.131	1.63
12	0.033	0.099	0.048	0.110	0.059	0.056	1.63
14	0.069	0.015	0.023	0.157	0.017	0.006	1.63
16	0.042	0.045	0.001	0.007	0.047	0.071	1.63
18	0.012	0.077	0.051	0.197	0.025	0.116	1.63
20	0.030	0.026	0.003	0.100	0.005	0.039	1.63

Test distance (cm)	Test Position A(uT)	Test Position B(uT)	Test Position C(uT)	Test Position D(uT)	Test Position E(uT)	Test Position F(uT)	Limits (uT)
0	0.071	0.069	0.111	0.194	0.048	0.176	2.038
2	0.097	0.050	0.057	0.205	0.058	0.126	2.038
4	0.131	0.124	0.021	0.125	0.023	0.069	2.038
6	0.113	0.113	0.053	0.208	0.002	0.083	2.038
8	0.027	0.022	0.041	0.110	0.081	0.013	2.038
10	0.004	0.028	0.053	0.259	0.097	0.163	2.038
12	0.041	0.124	0.060	0.137	0.074	0.070	2.038
14	0.087	0.019	0.029	0.197	0.021	0.008	2.038
16	0.052	0.057	0.001	0.008	0.058	0.089	2.038
18	0.015	0.096	0.064	0.247	0.031	0.145	2.038
20	0.037	0.032	0.004	0.125	0.006	0.049	2.038

Note:A/m=uT÷1.25

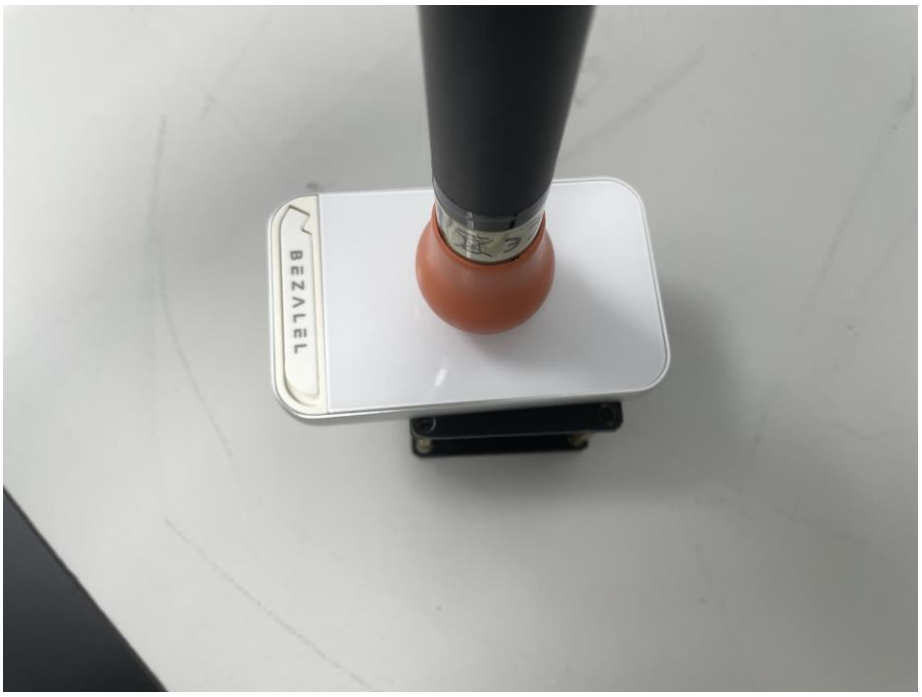
E-Filed Strength at (distance from 0cm to 20cm at 2cm iteration) surrounding the EUT (V/m)

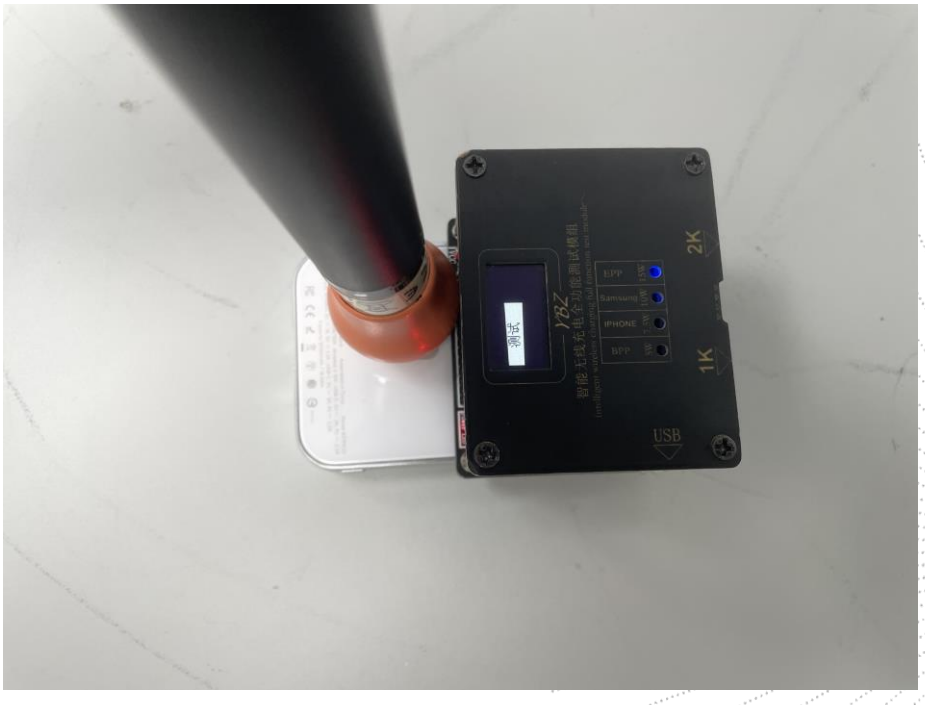
Test distance (cm)	Test Position A(V/m)	Test Position B(V/m)	Test Position C(V/m)	Test Position D(V/m)	Test Position E(V/m)	Test Position F(V/m)	Limits (V/m)
0	0.094	0.007	0.066	0.051	0.060	0.047	614
2	0.036	0.110	0.084	0.112	0.084	0.016	614
4	0.108	0.011	0.001	0.193	0.010	0.043	614
6	0.015	0.076	0.030	0.090	0.074	0.039	614
8	0.041	0.120	0.080	0.142	0.081	0.003	614
10	0.020	0.107	0.023	0.114	0.086	0.121	614
12	0.072	0.118	0.038	0.077	0.042	0.074	614
14	0.097	0.035	0.087	0.143	0.087	0.113	614
16	0.000	0.021	0.038	0.194	0.024	0.053	614
18	0.013	0.115	0.085	0.198	0.083	0.102	614
20	0.076	0.117	0.044	0.048	0.005	0.149	614

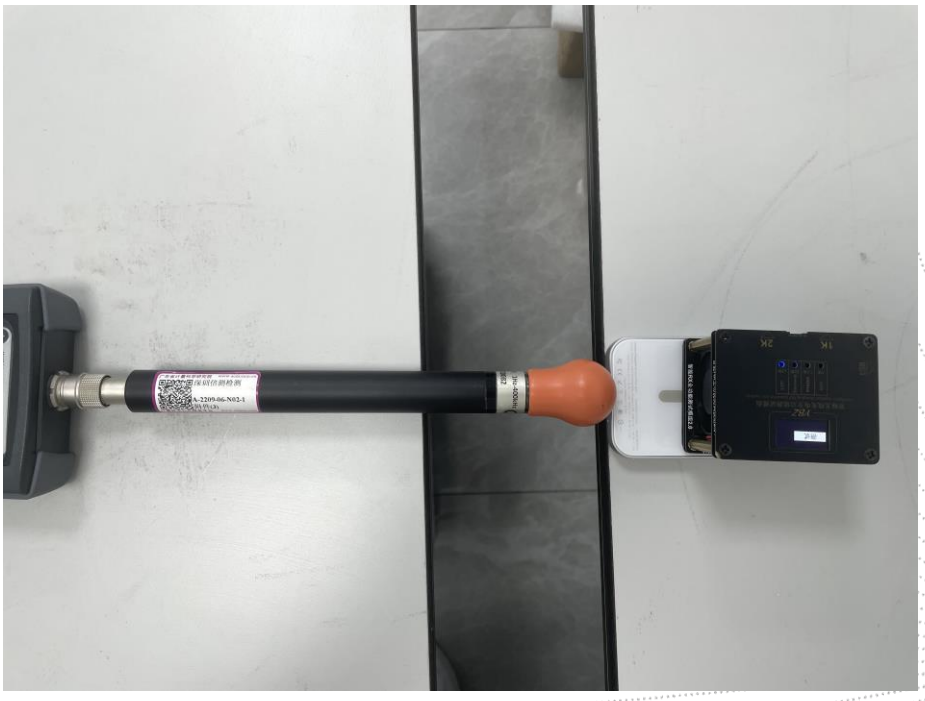
Note: In the frequency range of 1k-10M, except the fundamental frequency, other transmissions of the power transmission system are less than 20dB lower than the maximum fundamental transmission, so it is not necessary to evaluate.

5. Photographs Of Test Set-Up

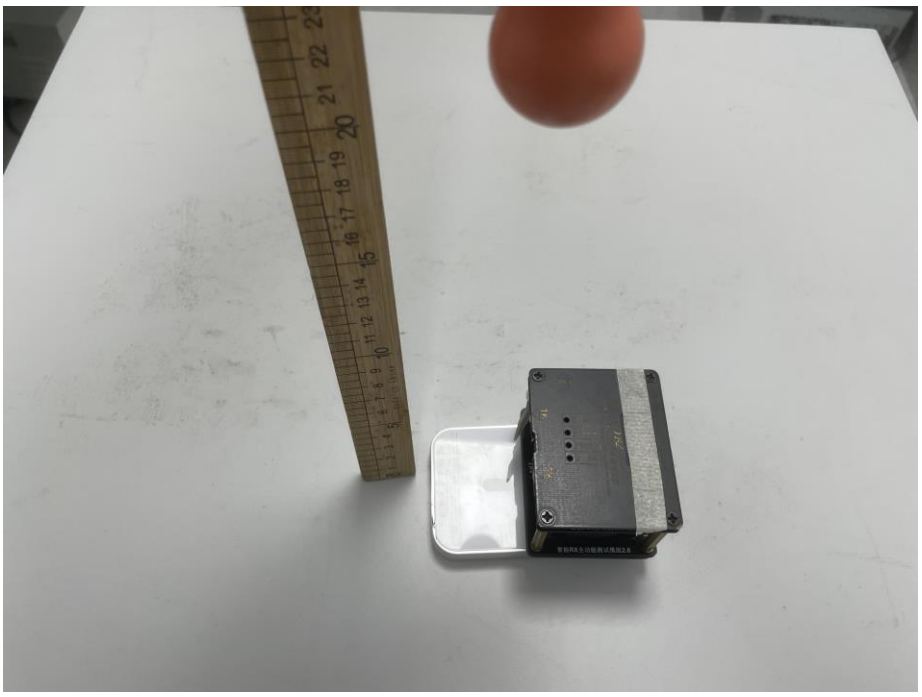
0CM（Wireless Charging Area 1）

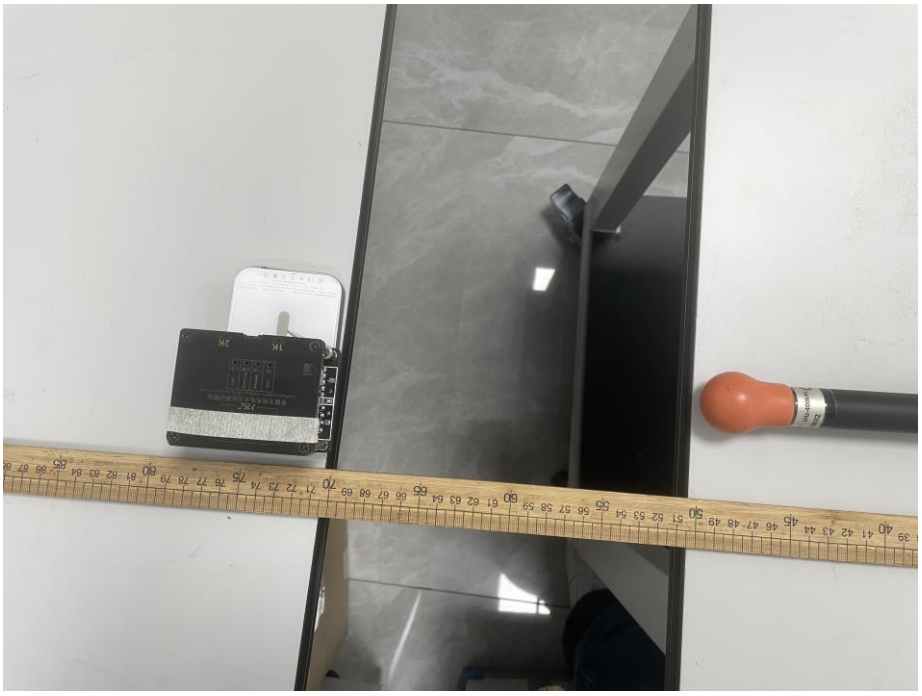


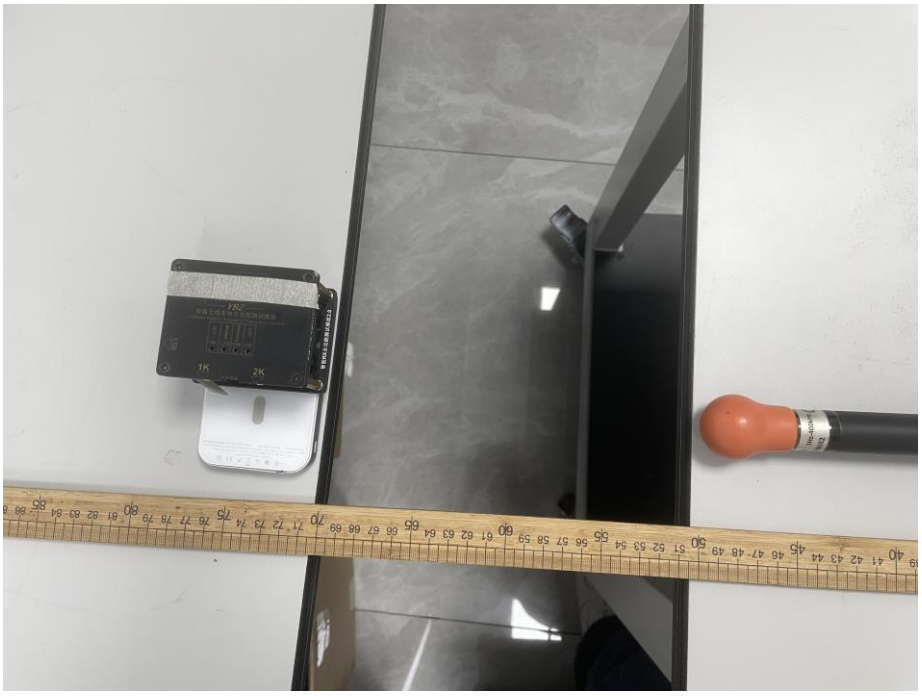




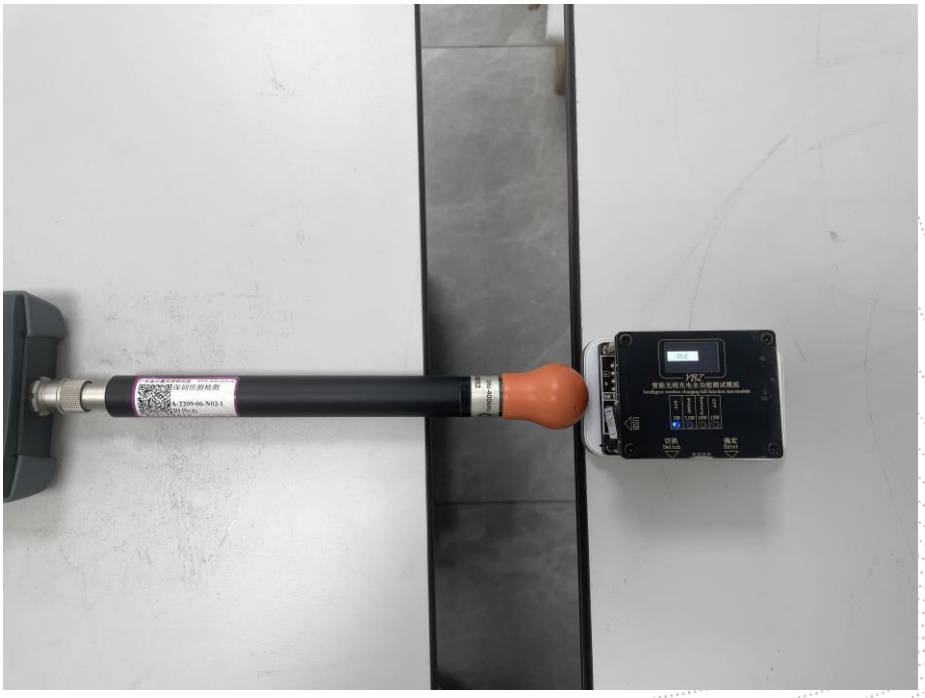
20CM（Wireless Charging Area 1）

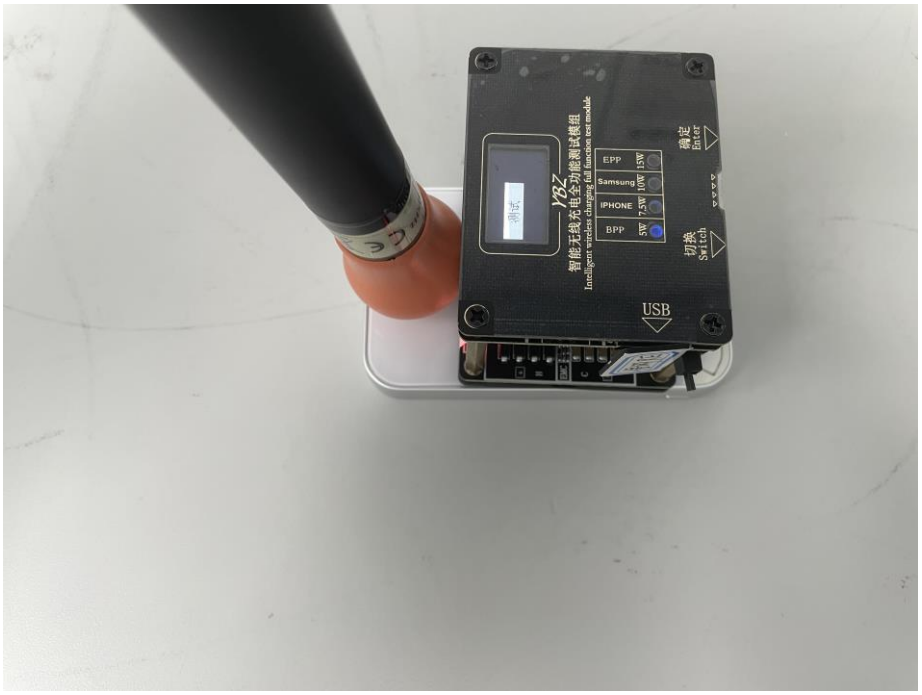






0CM（Wireless Charging Area 2）

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Samsung
IPHONE
BPP
5W
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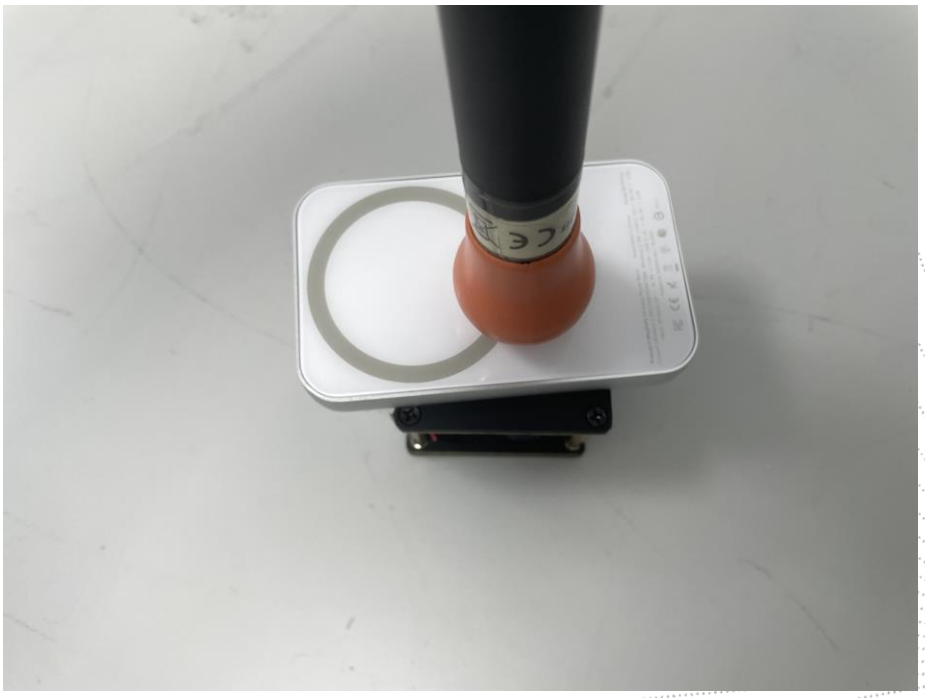
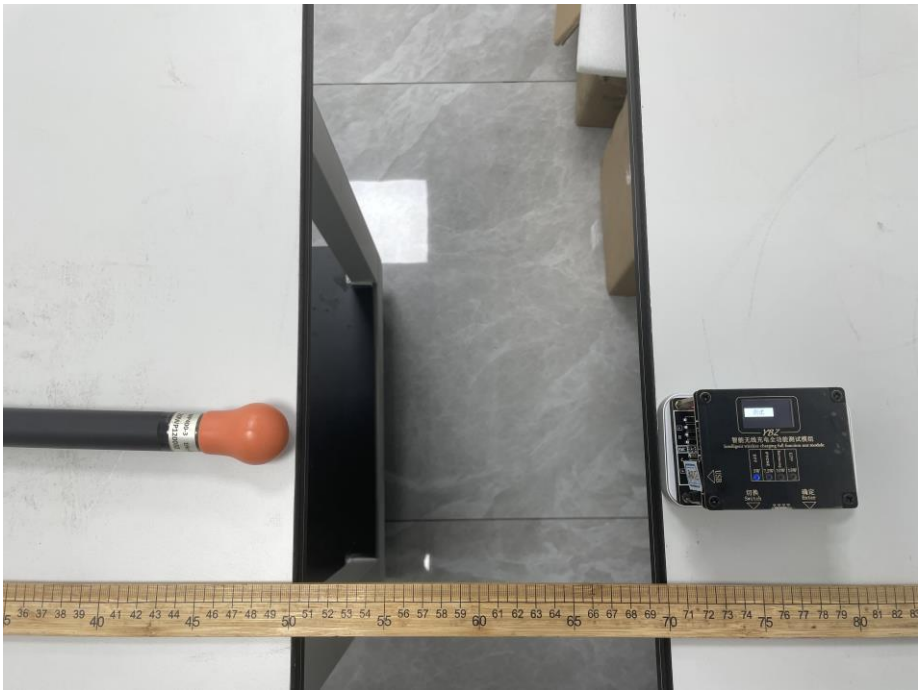
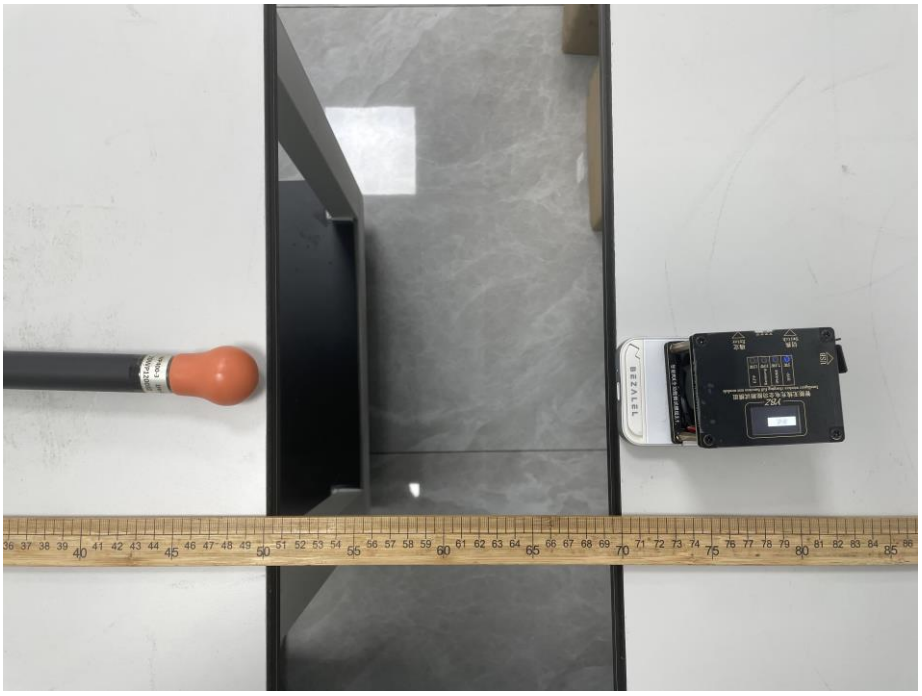
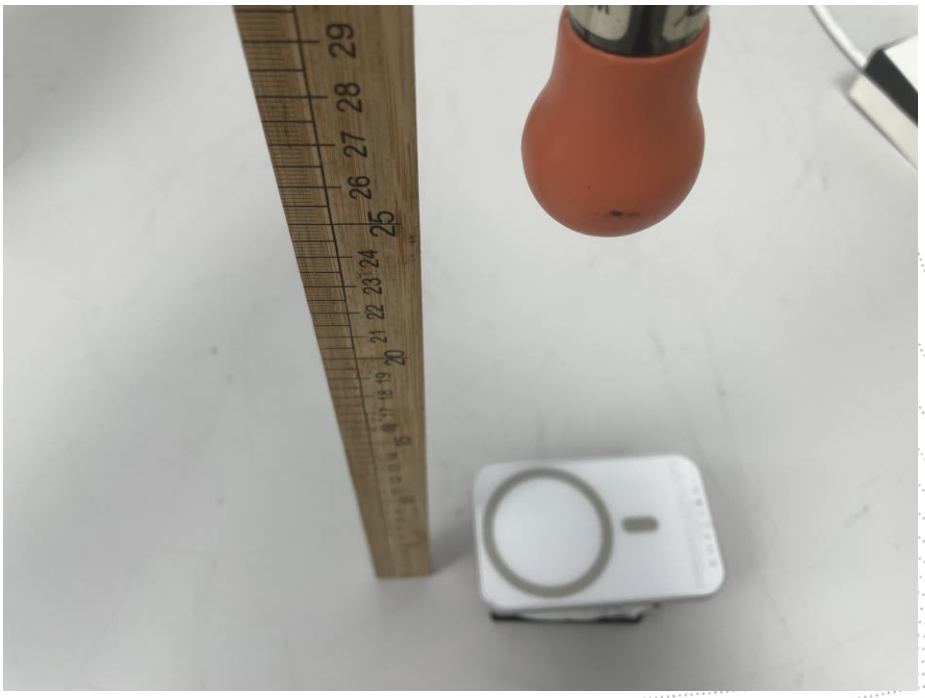
10W
15W
USB



20CM（Wireless Charging Area 2）







STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

5. The test process and test result is only related to the Unit Under Test.

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

7. The test report without CMA mark is only used for scientific research, teaching, enterprise product development and internal quality control purposes.

8. The quality system of our laboratory is in accordance with ISO/IEC17025.

9. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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