



RF Exposure Evaluation Report

1. Product Information

FCC ID:	2A84Q-LK-C03B
Number of tested samples	2
Sample number	A102522026-1(Engineer sample), A102522026-2(Normal sample)
Product Name	3 in 1 wireless charging stand
Model Number	LK-C03B
Additional Model No.	LK-C03C, LK-C03D, LK-C03E, LK-C03F
Model Declaration	PCB board, structure and internal of these model(s) are the same, except for the appearance and color. So no additional models were tested.
Power Supply	Input: DC 5V/1A 9V/2.2A Output: DC 5V/1A 9V/1.66A Charging power: 5W/7.5W/10W/15W
Modulation Type	Continuous Wave
Frequency Range	110.3~205.0KHz
Antenna Type	Coil Antenna
Hardware version	/
Software version	/
Accessories	/
Exposure category	General population/uncontrolled environment
EUT Type	Production Unit
Device Type	Mobile Device





2. Evaluation Method

Per KDB 680106 D01 Section 3. RF Exposure Requirements;

- 1) Consumer wireless power transfer devices approved under Part 15 in some cases have to demonstrate compliance with RF exposure requirements. The potential for exposure must be assessed according to the operating configurations of the wireless system and the exposure conditions of users and bystanders. RF exposure must be evaluated with the client device(s) being charged by the primary at maximum output power. The RF exposure requirements must be determined in conjunction with the device operating characteristics, according to the mobile and portable exposure requirements in Section 2.1091 and Section 2.1093 of the rules. SAR and MPE limits do not cover the frequency range for wireless power transfer applications which operate below 100 kHz and 300 kHz respectively; therefore, RF exposure compliance needs to be determined with respect to 1.1307 (c) and (d) of the FCC rules.
- 2) Based on the design and implementation of the power transfer application, it must be clearly identified if mobile or portable RF exposure conditions apply. Devices that are installed to provide separation of at least 20 cm from users and bystanders may qualify for mobile exposure conditions. For some conditions where users and bystanders may be exposed at closer than 20 cm, section 2.1091(d) (4) of the rules may apply.
- 3) For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 15 cm. E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.
- 4) Portable exposure conditions from 100 kHz to 6 GHz are determined with respect to SAR requirements. Existing SAR systems and test procedures are generally intended for measurements above 100 MHz. While numerical modeling can be an alternative, the constraints of substantial computational resources at low frequencies could introduce further limitations. Under these circumstances, including operations below 100 kHz, the Commission may consider a combination of analytical analysis, field strength, radiated and conducted power measurements, in conjunction with some limited numerical modeling to assess compliance.
- 5) Depending on the operating frequency, existing SAR and MPE measurement procedures may be adapted to evaluate wireless power transfer devices for compliance with respect to mobile or portable exposure conditions. If the grantee or its test lab have any questions regarding RF exposure evaluation they should contact the FCC Laboratory with sufficient system operating configuration details to determine if RF exposure evaluation is necessary and, if required, how to apply specific test procedures. Below 100 MHz, when SAR testing is required and the device is operating at close proximity to persons, information on device design, implementation, operating configurations, exposure conditions of users and bystanders are needed to determine the evaluation and testing requirements. In addition, the influence of nearby objects may also need consideration according to the wireless power transfer system implementation; for example, the effects of placing the device, its coils or radiating elements on or near metallic surfaces



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



3. Evaluation Limit

3.1 Refer evaluation method

[ANSI C95.1–1999](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[FCC KDB publication 680106 D01 RF Exposure Wireless Charging Apps v03](#): RF Exposure Considerations for Low Power Consumer Wireless Power Transfer Applications

[FCC CFR 47 part1 1.1310](#): Radiofrequency radiation exposure limits.

[FCC CFR 47 part2 2.1091](#): Radiofrequency radiation exposure evaluation: mobile devices



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



3.2 Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
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
300-1,500	/	/	f/300	6
1,500-100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
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
30-300	27.5	0.073	0.2	30
300-1,500	/	/	f/1500	30
1,500-100,000	/	/	1.0	30

F=frequency in MHz

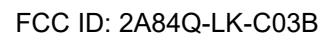
*=Plane-wave equivalent power density

According to FCC KDB 680106 D01 Section 3. RF Exposure Requirements clause 3 the Emission-Limits in the frequency range from 100 KHz to 300 KHz should be assessed versus the limits at 300 KHz in Table 1 of CFR 47 – Section1.310 as following (measured distance shall be 15cm from the center of the probe to the edge of the device):

	E-Field	*/*	B-Field
Frequency	V/m	A/m	uT
0.3 MHz – 3.0 MHz	614	1.613	2.0
3.0 MHz – 30 MHz	824/f (=27.5 _{30MHz})	2.19/f (=0.073 _{30MHz})	--

A KDB inquire was required to determine/confirm the applicable limits below 100 KHz.

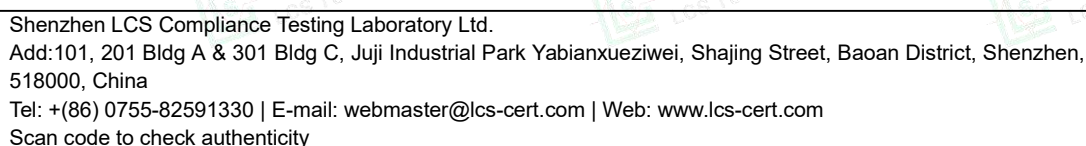




The diagram illustrates the experimental setup for measuring the electric field (E-field) and magnetic field (B-field) of an Electromagnetic Under Test (EUT). The EUT is represented by a rectangle inside a larger circle. A probe, labeled 'E-Field & B-Field Probe', is connected to the chamber. Various measurement points and directions are indicated by arrows and labels: A (top right), B (left), C (bottom left), D (right), E (top), and F (bottom). A dimension of 15cm is shown between the EUT and the probe.

Equipment	Manufacturer	Model	Serial no.	Calibrated date	Calibrated Due
Exposure Level Tester	Narda	ELT-400	N-0713	2021-11-18	2022-11-17
B-Field Probe	Narda	ELT-400	M-1154	2021-11-18	2022-11-17

- The RF exposure test was performed on 360 degree turn table in anechoic chamber.
- The measurement probe was placed at test distance (15cm and 20cm) which is between the edges of the charger and the geometric center of probe.
- The turn table was rotated 360 degree to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106D01v03.





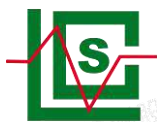
7. Equipment Approval Considerations

The EUT does comply with item 5.2 of KDB 680106 D01v03 as follows table;

Requirements of KDB 680106 D01	Yes / No	Description
Power transfer frequency is less than 1 MHz	Yes	The device operate in the frequency range 110.3 KHz - 205 KHz
Output power from each primary coil is less than or equal to 15 watts	Yes	Wireless charger output for iphone: The maximum output power of the primary coil is 15W.
The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	Yes	Charging systems have three primary coils and clients that are able to detect and allow coupling only between individual pairs of coils and the coil pairs powered on at the same time.
Client device is placed directly in contact with the transmitter.	Yes	Client device is placed directly in contact with the transmitter.
Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Yes	Mobile exposure conditions only
The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.	Yes	The EUT 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.

In all other cases, unless excluded above, an RF exposure evaluation report must be reviewed and accepted through a KDB or PBA inquiry to enable authorization of the equipment. When evaluation is required to show compliance; for example, using field strength, power density, SAR measurements or computational modeling etc., the specific authorization requirements will be determined based on the results of the RF exposure evaluation.





8. E and H field Strength

Test Modes		
Mode 1	AC/DC Adapter (9V/2.2A) + EUT + Phone (Battery Status: <1%)	Record
Mode 2	AC/DC Adapter (9V/2.2A) + EUT + Phone (Battery Status: <50%)	Record
Mode 3	AC/DC Adapter (9V/2.2A) + EUT + Phone (Battery Status: 100%)	Record
Mode 4	AC/DC Adapter (9V/2.2A) + EUT + TWS Earphone (Battery Status: <1%)	Record
Mode 5	AC/DC Adapter (9V/2.2A) + EUT + TWS Earphone (Battery Status: <50%)	Record
Mode 6	AC/DC Adapter (9V/2.2A) + EUT + TWS Earphone (Battery Status: 100%)	Record
Mode 7	AC/DC Adapter (9V/2.2A) + EUT + Watch (Battery Status: 100%)	Record
Mode 8	AC/DC Adapter (9V/2.2A) + EUT + Watch (Battery Status: 100%)	Record
Mode 9	AC/DC Adapter (9V/2.2A) + EUT + Watch (Battery Status: 100%)	Record
Mode 10	AC/DC Adapter (9V/2.2A) + EUT + Watch + TWS Earphone (Battery Status: <1%)	Record
Mode 11	AC/DC Adapter (9V/2.2A) + EUT + Watch + TWS Earphone (Battery Status: <50%)	Record
Mode 12	AC/DC Adapter (9V/2.2A) + EUT + Watch + TWS Earphone (Battery Status: 100%)	Record
Mode 13	AC/DC Adapter (9V/2.2A) + EUT + Phone + Watch + TWS Earphone (Battery Status: <1%)	Record
Mode 14	AC/DC Adapter (9V/2.2A) + EUT + Phone + Watch + TWS Earphone (Battery Status: <50%)	Record
Mode 15	AC/DC Adapter (9V/2.2A) + EUT + Phone + Watch + TWS Earphone (Battery Status: 100%)	Record
Note: All test modes were pre-tested, but we only recorded the worst case in this report.		

Field Strength at 15 cm from the edges surrounding the EUT and 15cm from the top surface of the EUT

Load mode	Frequency Range (KHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)					50% Limits	Limits
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
Mode 1	110.3~205.0	uT	0.128	0.137	0.142	0.133	0.147	--	--
Mode 1	110.3~205.0	A/m	0.103	0.110	0.113	0.106	0.118	0.815	1.63
Mode 1	110.3~205.0	V/m	38.526	41.324	42.570	39.947	44.305	307.0	614.0
Mode 2	110.3~205.0	uT	0.127	0.135	0.139	0.131	0.141	--	--
Mode 2	110.3~205.0	A/m	0.101	0.108	0.111	0.105	0.113	0.815	1.63
Mode 2	110.3~205.0	V/m	38.142	40.739	41.758	39.378	42.430	307.0	614.0
Mode 3	110.3~205.0	uT	0.123	0.132	0.138	0.124	0.139	--	--
Mode 3	110.3~205.0	A/m	0.098	0.106	0.110	0.099	0.112	0.815	1.63
Mode 3	110.3~205.0	V/m	36.957	39.791	41.514	37.354	41.939	307.0	614.0

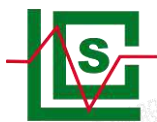


Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Field Strength at 20cm from the top surface of the EUT

Charging Battery Level	Frequency Range (MHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)	50% Limits	Limits
			Test Position E		
Mode 1	110.3~205.0	uT	0.130	--	--
Mode 1	110.3~205.0	A/m	0.104	0.815	1.63
Mode 1	110.3~205.0	V/m	39.062	307.0	614.0
Mode 2	110.3~205.0	uT	0.124	--	--
Mode 2	110.3~205.0	A/m	0.099	0.815	1.63
Mode 2	110.3~205.0	V/m	37.369	307.0	614.0
Mode 3	110.3~205.0	uT	0.123	--	--
Mode 3	110.3~205.0	A/m	0.098	0.815	1.63
Mode 3	110.3~205.0	V/m	36.907	307.0	614.0

Field Strength at 15 cm from the edges surrounding the EUT and 15cm from the top surface of the EUT

Load mode	Frequency Range (KHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)					50% Limits	Limits
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
Mode 4	110.3~205.0	uT	0.129	0.139	0.136	0.131	0.148	--	--
Mode 4	110.3~205.0	A/m	0.103	0.111	0.109	0.104	0.118	0.815	1.63
Mode 4	110.3~205.0	V/m	38.676	41.691	40.880	39.245	44.453	307.0	614.0
Mode 5	110.3~205.0	uT	0.128	0.137	0.136	0.129	0.146	--	--
Mode 5	110.3~205.0	A/m	0.102	0.109	0.108	0.103	0.117	0.815	1.63
Mode 5	110.3~205.0	V/m	38.339	41.117	40.755	38.823	43.842	307.0	614.0
Mode 6	110.3~205.0	uT	0.127	0.131	0.134	0.128	0.143	--	--
Mode 6	110.3~205.0	A/m	0.102	0.105	0.107	0.102	0.114	0.815	1.63
Mode 6	110.3~205.0	V/m	38.226	39.346	40.323	38.449	42.914	307.0	614.0

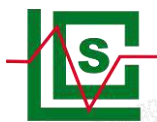


Shenzhen LCS Compliance Testing Laboratory Ltd.

Add:101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Field Strength at 20cm from the top surface of the EUT

Charging Battery Level	Frequency Range (MHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)	50% Limits	Limits
			Test Position E		
Mode 4	110.3~205.0	uT	0.139	--	--
Mode 4	110.3~205.0	A/m	0.112	0.815	1.63
Mode 4	110.3~205.0	V/m	41.925	307.0	614.0
Mode 5	110.3~205.0	uT	0.134	--	--
Mode 5	110.3~205.0	A/m	0.107	0.815	1.63
Mode 5	110.3~205.0	V/m	40.154	307.0	614.0
Mode 6	110.3~205.0	uT	0.130	--	--
Mode 6	110.3~205.0	A/m	0.104	0.815	1.63
Mode 6	110.3~205.0	V/m	39.134	307.0	614.0

Field Strength at 15 cm from the edges surrounding the EUT and 15cm from the top surface of the EUT

Load mode	Frequency Range (KHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)					50% Limits	Limits
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
Mode 7	110.3~205.0	uT	0.126	0.139	0.143	0.133	0.145	--	--
Mode 7	110.3~205.0	A/m	0.101	0.111	0.114	0.106	0.116	0.815	1.63
Mode 7	110.3~205.0	V/m	37.889	41.831	42.932	40.012	43.491	307.0	614.0
Mode 8	110.3~205.0	uT	0.122	0.132	0.140	0.128	0.140	--	--
Mode 8	110.3~205.0	A/m	0.097	0.106	0.112	0.102	0.112	0.815	1.63
Mode 8	110.3~205.0	V/m	36.577	39.822	42.048	38.456	42.228	307.0	614.0
Mode 9	110.3~205.0	uT	0.120	0.129	0.138	0.127	0.148	--	--
Mode 9	110.3~205.0	A/m	0.096	0.103	0.110	0.101	0.118	0.815	1.63
Mode 9	110.3~205.0	V/m	35.998	38.865	41.411	38.058	44.514	307.0	614.0

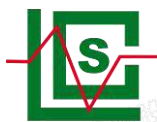


Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Field Strength at 20cm from the top surface of the EUT

Charging Battery Level	Frequency Range (MHz)	Field Strength	Measured E - Field Strength Values (V/m)	50% Limits	Limits
			Measured H - Field Strength Values (A/m)		
			Test Position E		
Mode 7	110.3~205.0	uT	0.130	--	--
Mode 7	110.3~205.0	A/m	0.104	0.815	1.63
Mode 7	110.3~205.0	V/m	39.069	307.0	614.0
Mode 8	110.3~205.0	uT	0.127	--	--
Mode 8	110.3~205.0	A/m	0.102	0.815	1.63
Mode 8	110.3~205.0	V/m	38.313	307.0	614.0
Mode 9	110.3~205.0	uT	0.126	--	--
Mode 9	110.3~205.0	A/m	0.101	0.815	1.63
Mode 9	110.3~205.0	V/m	37.812	307.0	614.0

Note: $V/m = 10^{(((20 \lg(A/m \cdot 10^6) + 51.5) - 120)/20)}$ Note: $A/m = uT/1.25$

Field Strength at 15 cm from the edges surrounding the EUT and 15cm from the top surface of the EUT

Load mode	Frequency Range (KHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)					50% Limits	Limits
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
Mode 10	110.3~205.0	uT	0.128	0.137	0.145	0.132	0.147	--	--
Mode 10	110.3~205.0	A/m	0.102	0.110	0.116	0.106	0.117	0.815	1.63
Mode 10	110.3~205.0	V/m	38.384	41.267	43.459	39.730	44.057	307.0	614.0
Mode 11	110.3~205.0	uT	0.125	0.137	0.143	0.129	0.141	--	--
Mode 11	110.3~205.0	A/m	0.100	0.110	0.114	0.103	0.113	0.815	1.63
Mode 11	110.3~205.0	V/m	37.552	41.176	42.995	38.875	42.499	307.0	614.0
Mode 12	110.3~205.0	uT	0.122	0.133	0.142	0.126	0.140	--	--
Mode 12	110.3~205.0	A/m	0.098	0.107	0.114	0.101	0.112	0.815	1.63
Mode 12	110.3~205.0	V/m	36.729	40.088	42.673	37.815	42.211	307.0	614.0

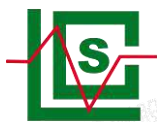


Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Field Strength at 20cm from the top surface of the EUT

Charging Battery Level	Frequency Range (MHz)	Field Strength	Measured E - Field Strength Values (V/m)	50% Limits	Limits
			Measured H - Field Strength Values (A/m)		
			Test Position E		
Mode 10	110.3~205.0	uT	0.128	--	--
Mode 10	110.3~205.0	A/m	0.103	0.815	1.63
Mode 10	110.3~205.0	V/m	38.545	307.0	614.0
Mode 11	110.3~205.0	uT	0.125	--	--
Mode 11	110.3~205.0	A/m	0.100	0.815	1.63
Mode 11	110.3~205.0	V/m	37.699	307.0	614.0
Mode 12	110.3~205.0	uT	0.122	--	--
Mode 12	110.3~205.0	A/m	0.097	0.815	1.63
Mode 12	110.3~205.0	V/m	36.551	307.0	614.0

Note: $V/m = 10^{((20 \lg(A/m \cdot 10^6) + 51.5) - 120)/20}$ Note: $A/m = uT/1.25$

Field Strength at 15 cm from the edges surrounding the EUT and 15cm from the top surface of the EUT

Load mode	Frequency Range (KHz)	Field Strength	Measured E - Field Strength Values (V/m)					50% Limits	Limits
			Measured H - Field Strength Values (A/m)						
			Test Position A	Test Position B	Test Position C	Test Position D	Test Position E		
Mode 13	110.3~205.0	uT	0.129	0.140	0.144	0.133	0.148	--	--
Mode 13	110.3~205.0	A/m	0.103	0.112	0.116	0.106	0.118	0.815	1.63
Mode 13	110.3~205.0	V/m	38.813	42.074	43.432	39.851	44.415	307.0	614.0
Mode 14	110.3~205.0	uT	0.126	0.138	0.141	0.127	0.146	--	--
Mode 14	110.3~205.0	A/m	0.101	0.111	0.112	0.102	0.117	0.815	1.63
Mode 14	110.3~205.0	V/m	37.813	41.569	42.258	38.287	43.971	307.0	614.0
Mode 15	110.3~205.0	uT	0.121	0.137	0.140	0.127	0.143	--	--
Mode 15	110.3~205.0	A/m	0.096	0.109	0.112	0.102	0.114	0.815	1.63
Mode 15	110.3~205.0	V/m	36.244	41.096	42.187	38.195	42.972	307.0	614.0



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Field Strength at 20cm from the top surface of the EUT

Charging Battery Level	Frequency Range (MHz)	Field Strength	Measured E - Field Strength Values (V/m) Measured H - Field Strength Values (A/m)	50% Limits	Limits
			Test Position E		
Mode 13	110.3~205.0	uT	0.129	--	--
Mode 13	110.3~205.0	A/m	0.103	0.815	1.63
Mode 13	110.3~205.0	V/m	38.815	307.0	614.0
Mode 14	110.3~205.0	uT	0.128	--	--
Mode 14	110.3~205.0	A/m	0.102	0.815	1.63
Mode 14	110.3~205.0	V/m	38.482	307.0	614.0
Mode 15	110.3~205.0	uT	0.121	--	--
Mode 15	110.3~205.0	A/m	0.097	0.815	1.63
Mode 15	110.3~205.0	V/m	36.329	307.0	614.0

Note: $V/m = 10^{((20 \lg(A/m \cdot 10^6) + 51.5) - 120)/20}$ Note: $A/m = uT/1.25$ 

Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

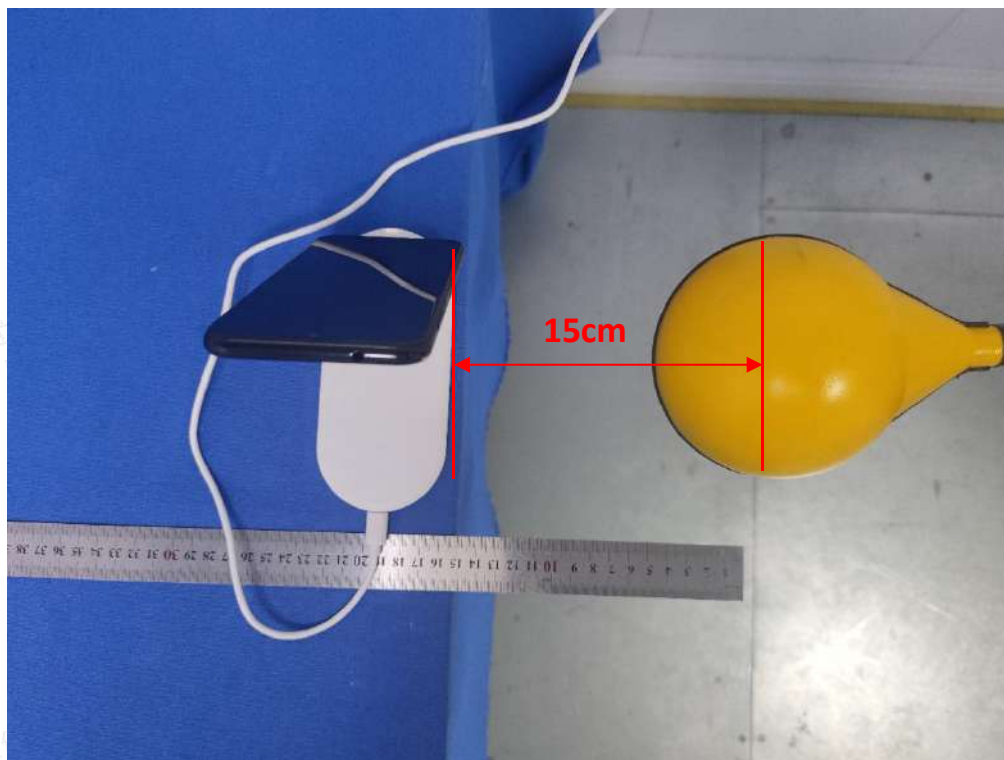
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



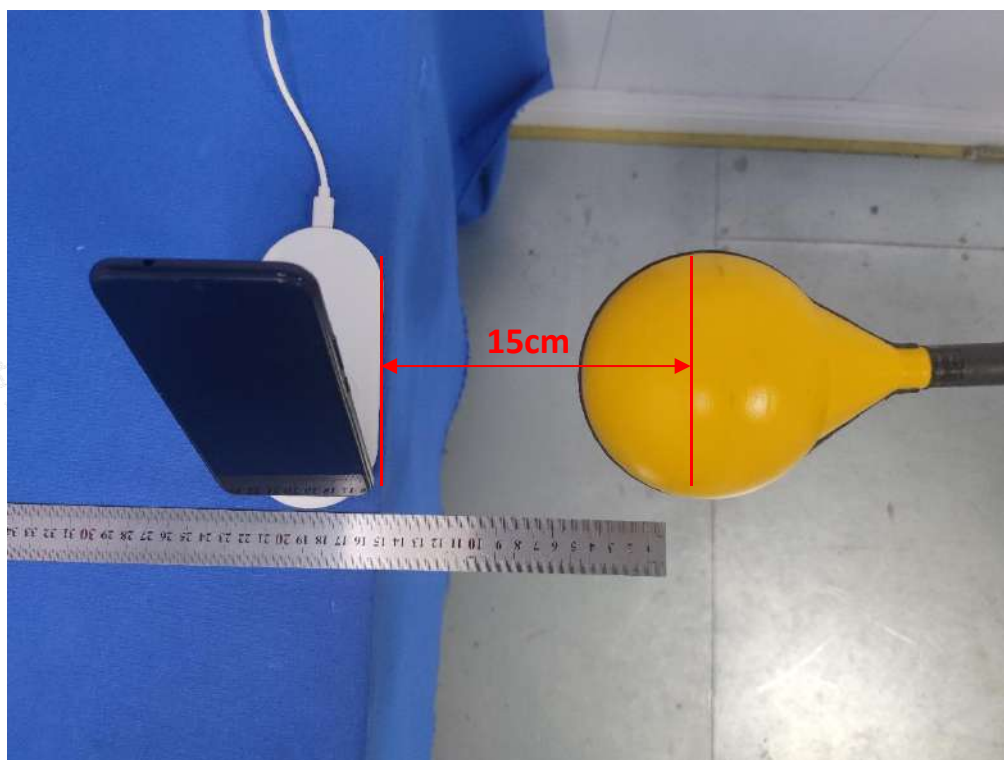
9. Test Setup Photos

Test Position A - Exposure photo from side edge surface-Rear



(Mode 1-Mode 3)

Test Position B - Exposure photo from side edge surface-Left



(Mode 1-Mode 3)



Shenzhen LCS Compliance Testing Laboratory Ltd.

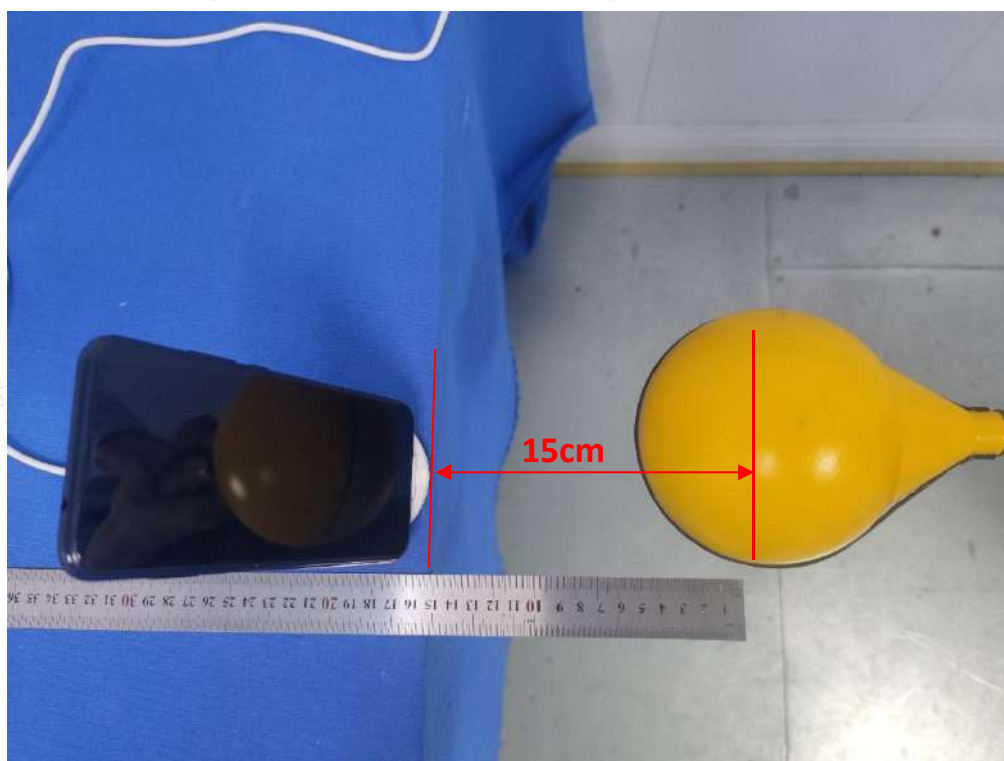
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

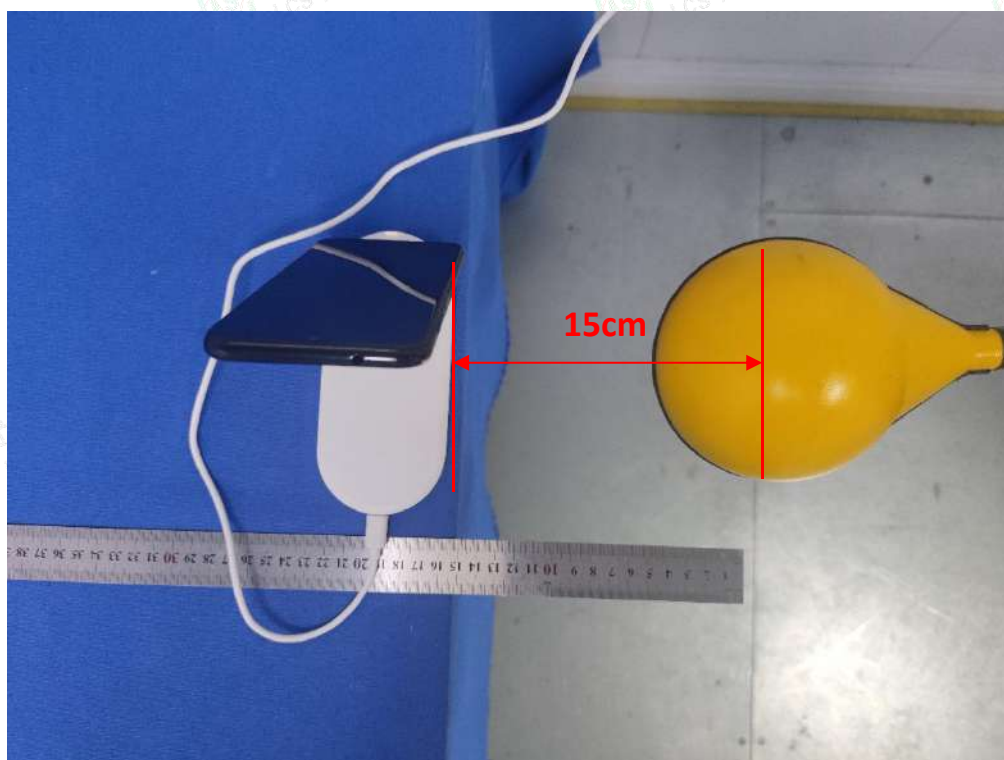


Test Position C - Exposure photo from side edge surface-Front



(Mode 1-Mode 3)

Test Position D - Exposure photo from side edge surface-Right

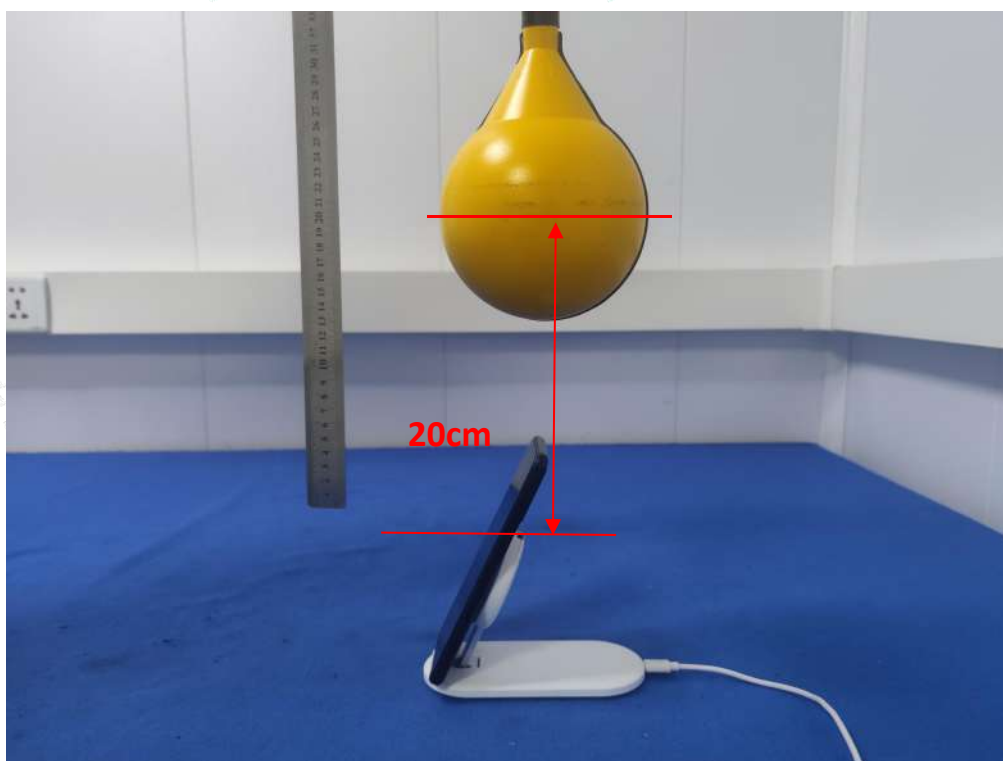


(Mode 1-Mode 3)





Test Position E - Exposure photo from top surface (20cm)



(Mode 1-Mode 3)

Test Position E- Exposure photo from top surface (15cm)



(Mode 1-Mode 3)



Shenzhen LCS Compliance Testing Laboratory Ltd.

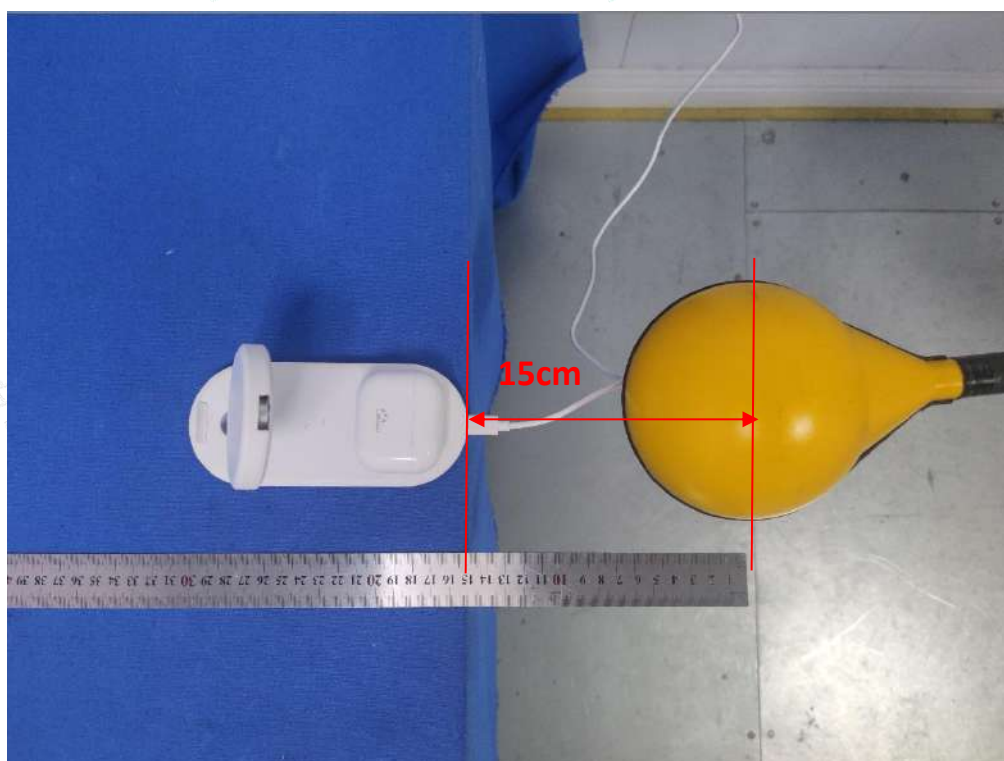
Add:101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

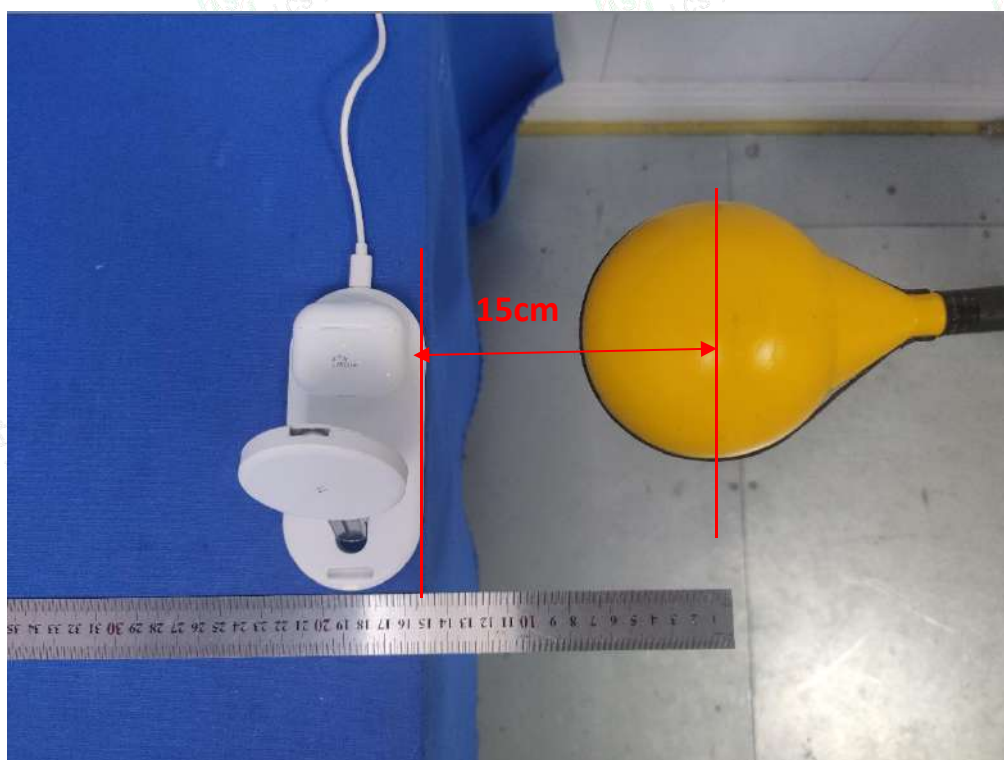


Test Position A - Exposure photo from side edge surface-Rear



(Mode 4-Mode 6)

Test Position B - Exposure photo from side edge surface-Left

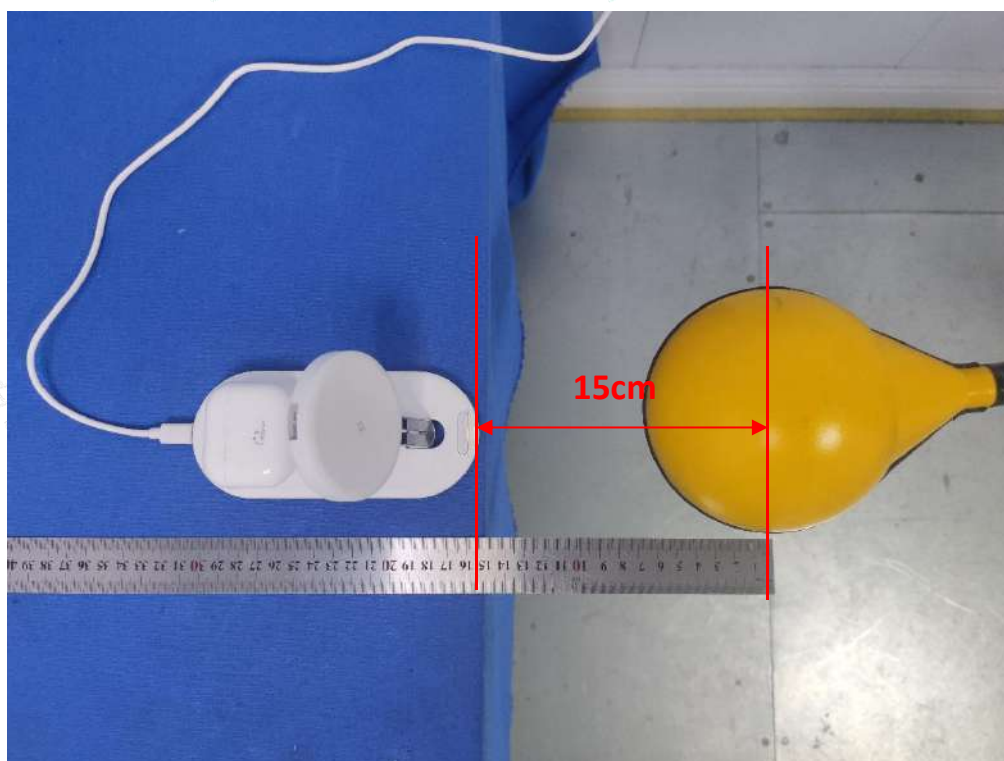


(Mode 4-Mode 6)



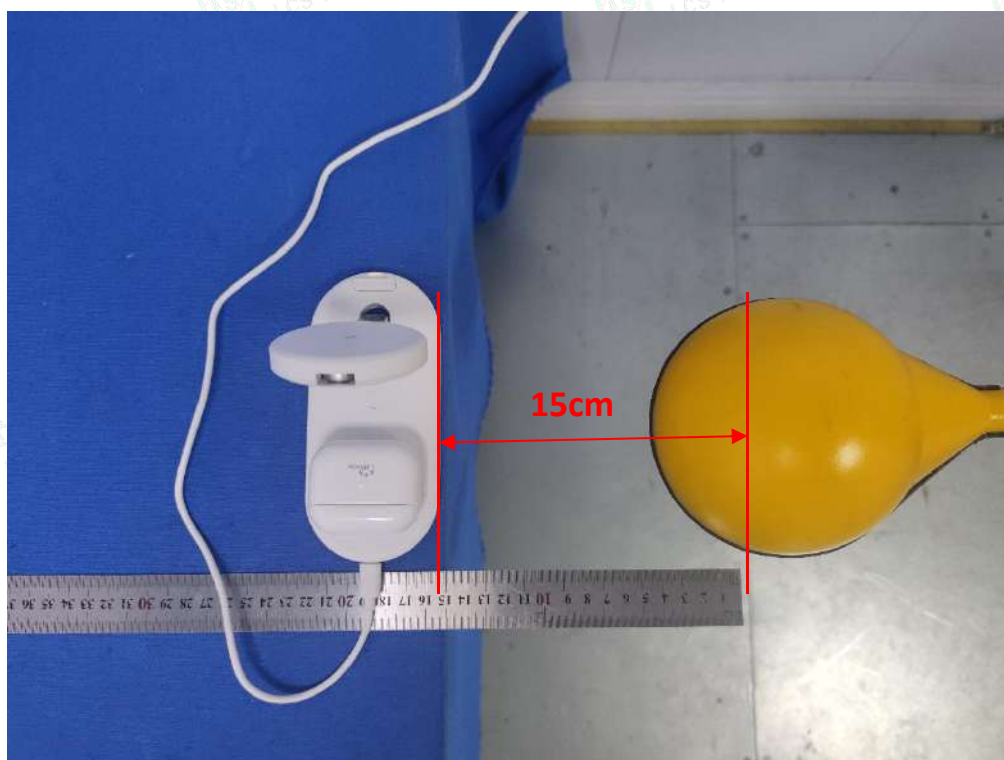


Test Position C - Exposure photo from side edge surface-Front



(Mode 4-Mode 6)

Test Position D - Exposure photo from side edge surface-Right

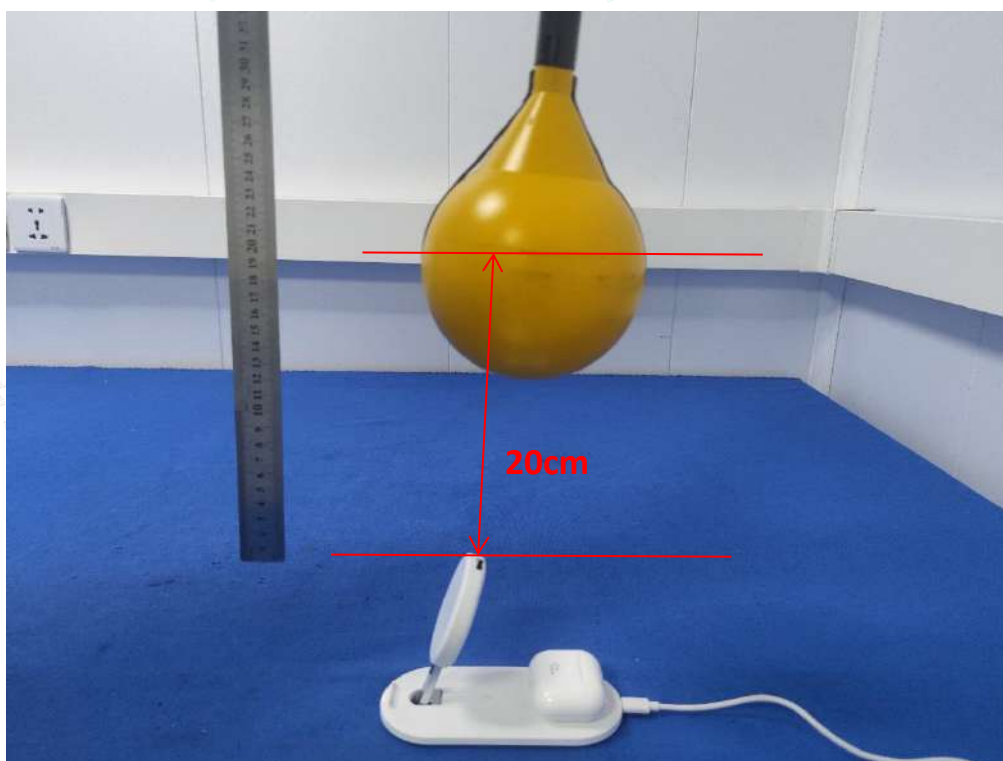


(Mode 4-Mode 6)



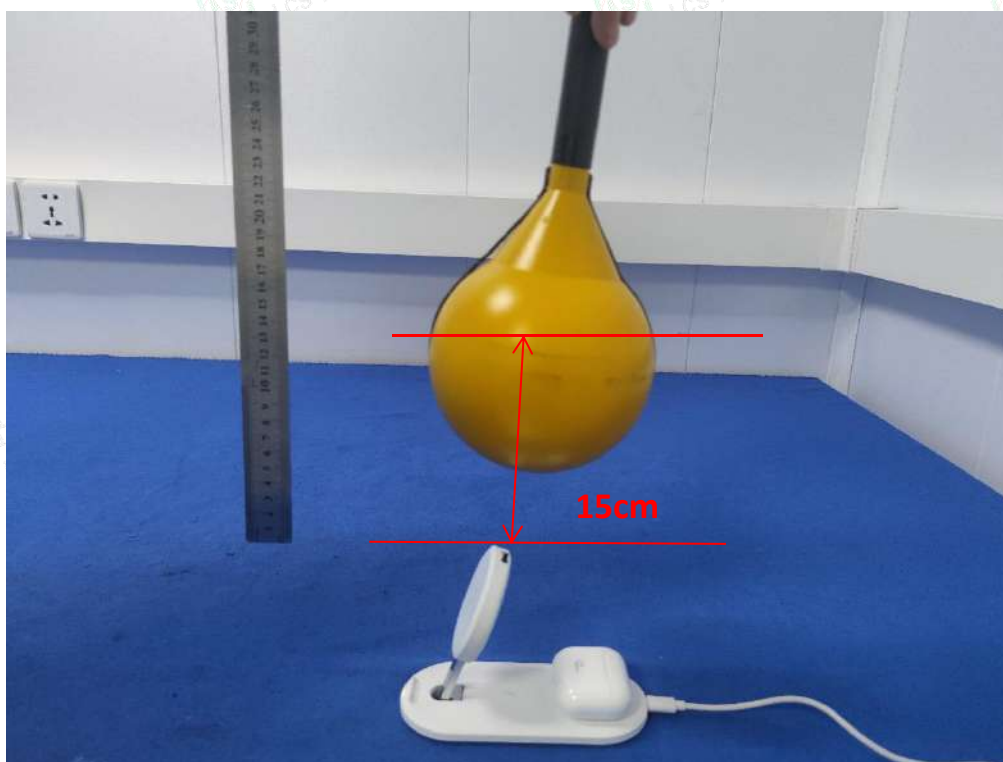


Test Position E - Exposure photo from top surface (20cm)



(Mode 4-Mode 6)

Test Position E - Exposure photo from top surface (15cm)

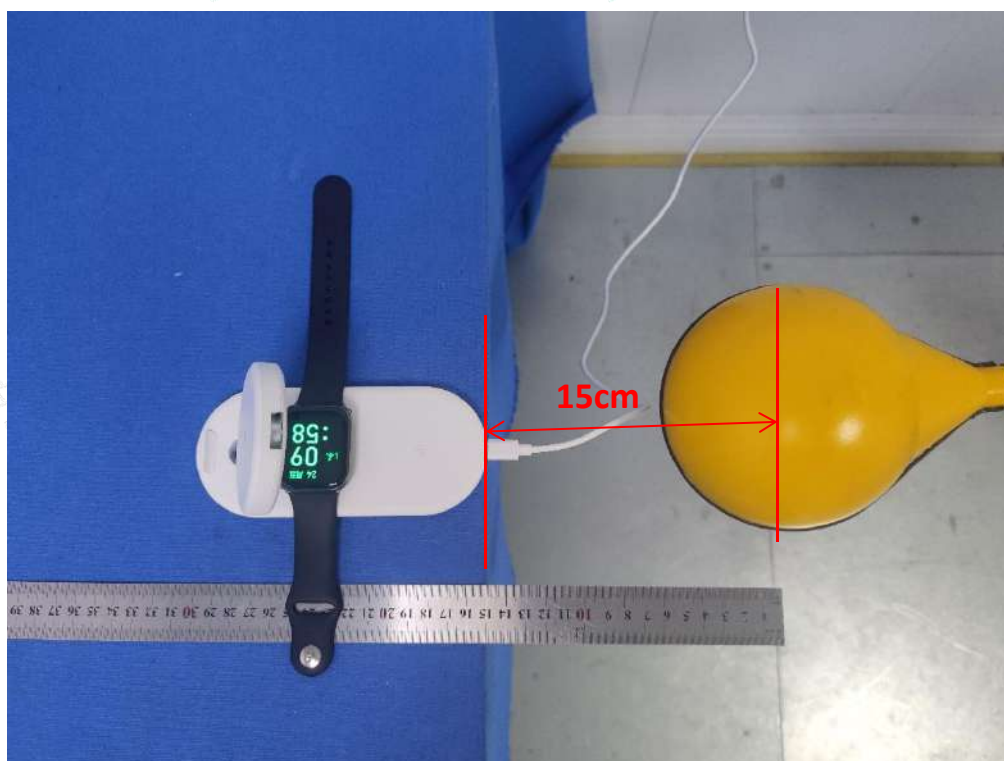


(Mode 4-Mode 6)



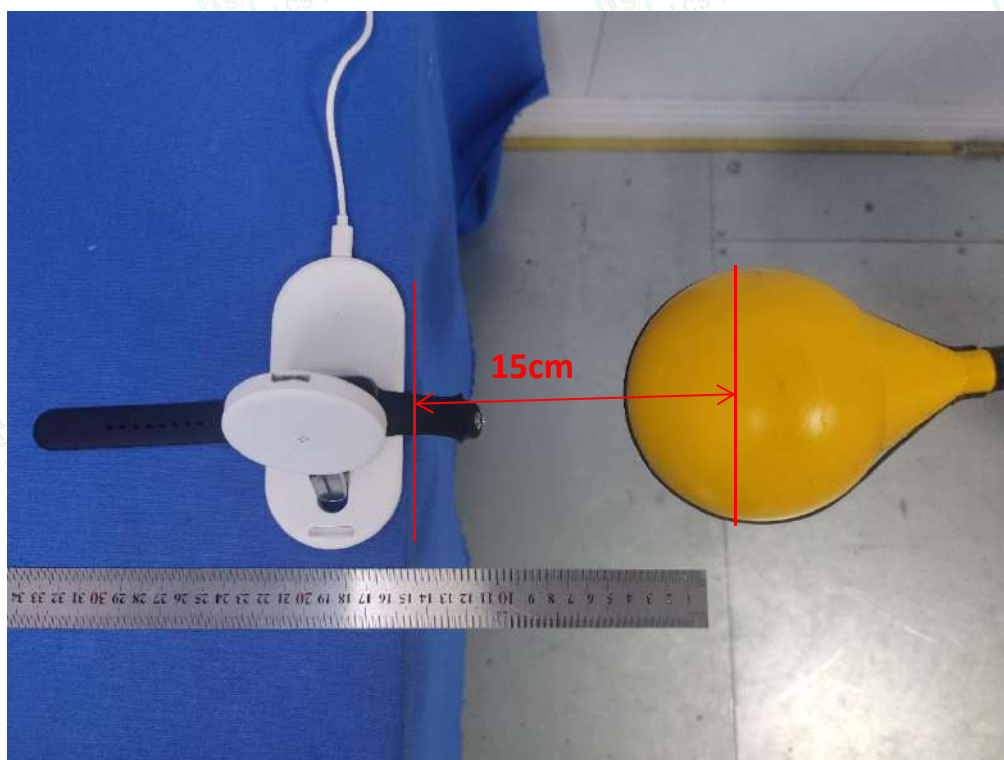


Test Position A - Exposure photo from side edge surface-Rear



(Mode 7-Mode 9)

Test Position B - Exposure photo from side edge surface-Left

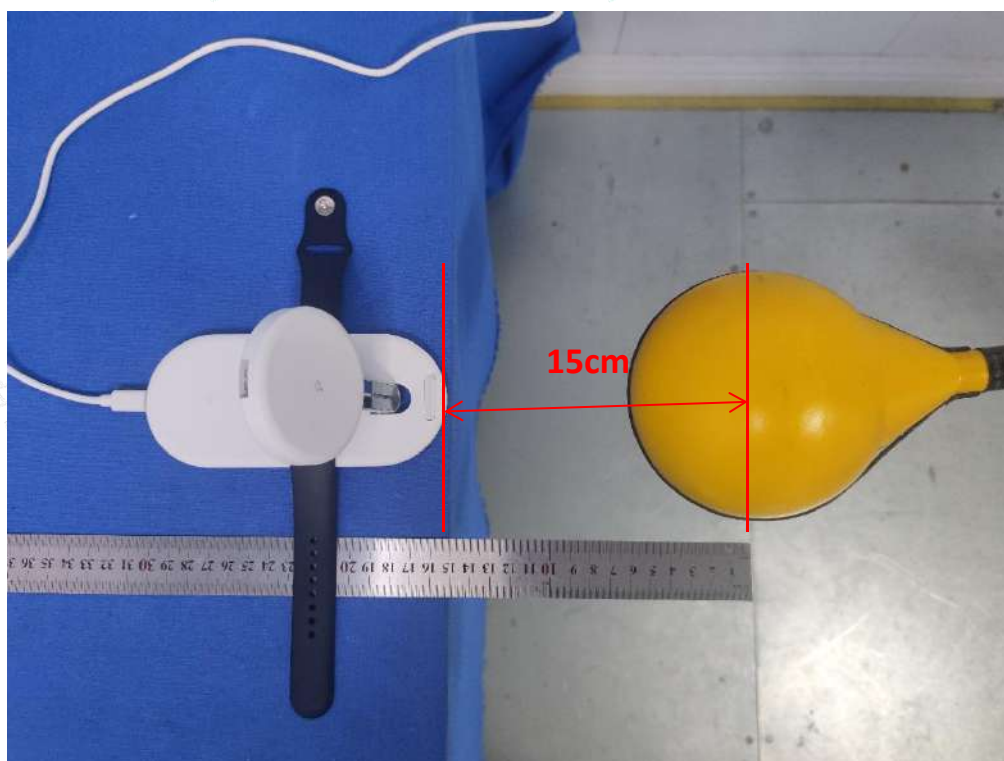


(Mode 7-Mode 9)



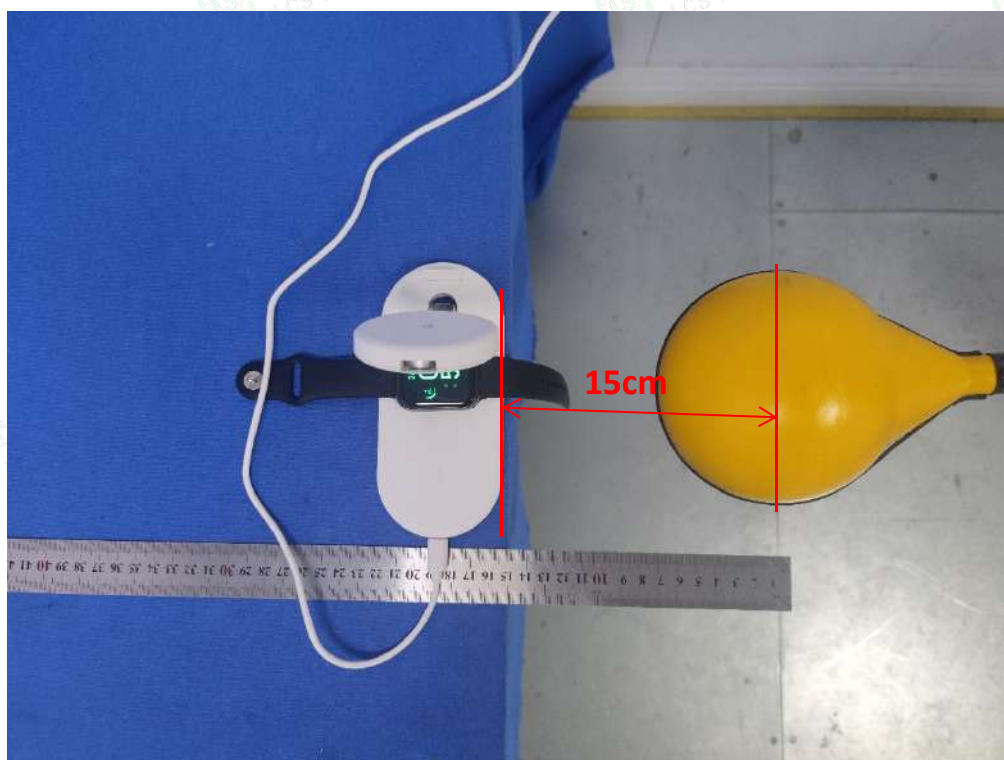


Test Position C - Exposure photo from side edge surface-Front



(Mode 7-Mode 9)

Test Position D - Exposure photo from side edge surface-Right

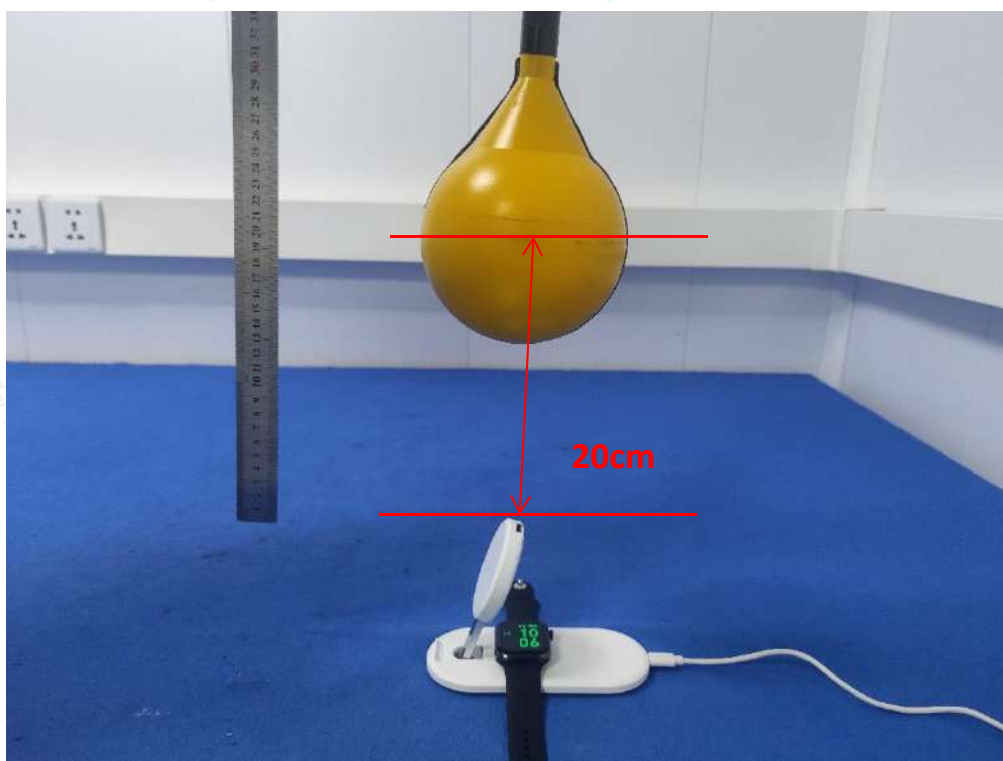


(Mode 7-Mode 9)



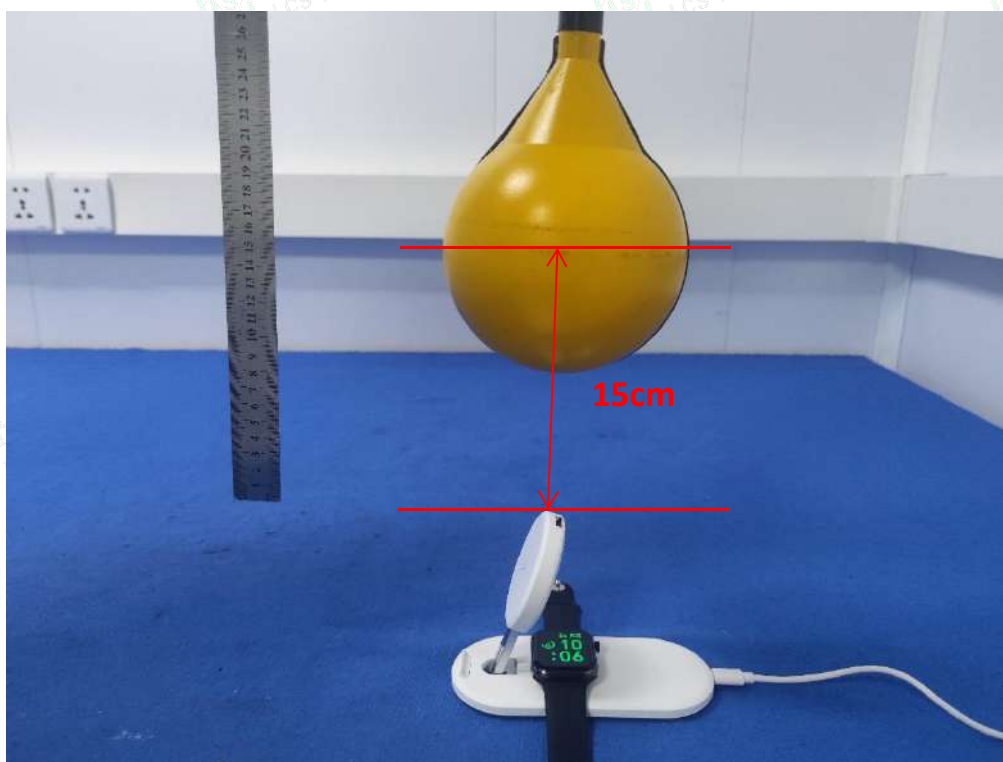


Test Position E - Exposure photo from top surface (20cm)



(Mode 7-Mode 9)

Test Position E - Exposure photo from top surface (15cm)



(Mode 7-Mode 9)



Shenzhen LCS Compliance Testing Laboratory Ltd.

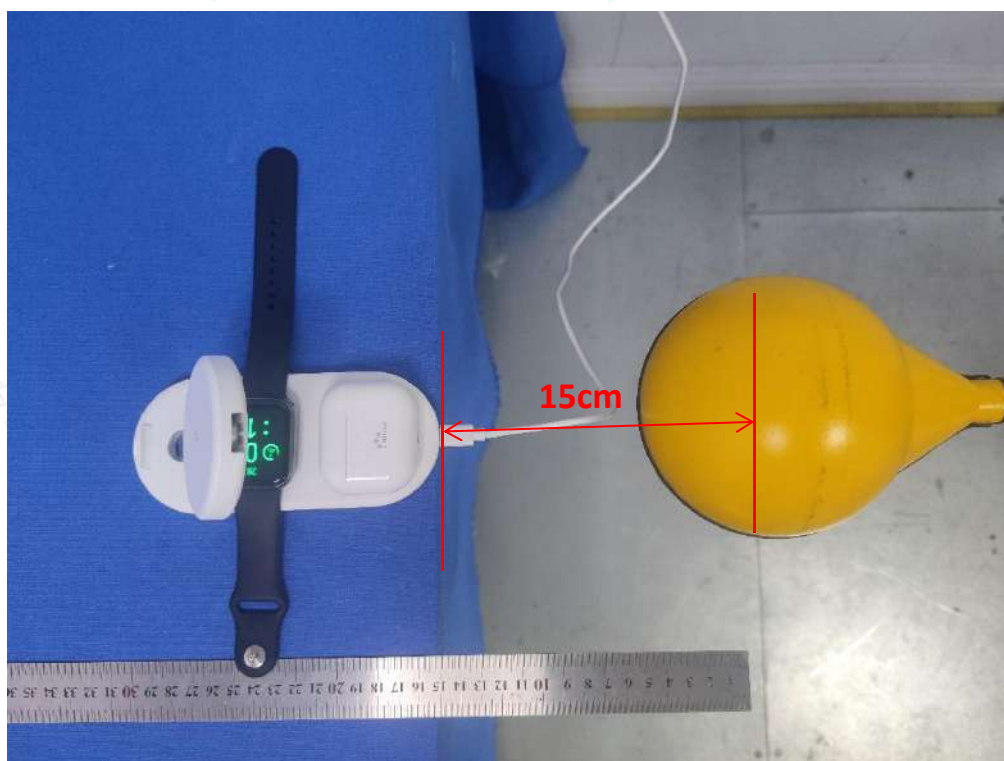
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

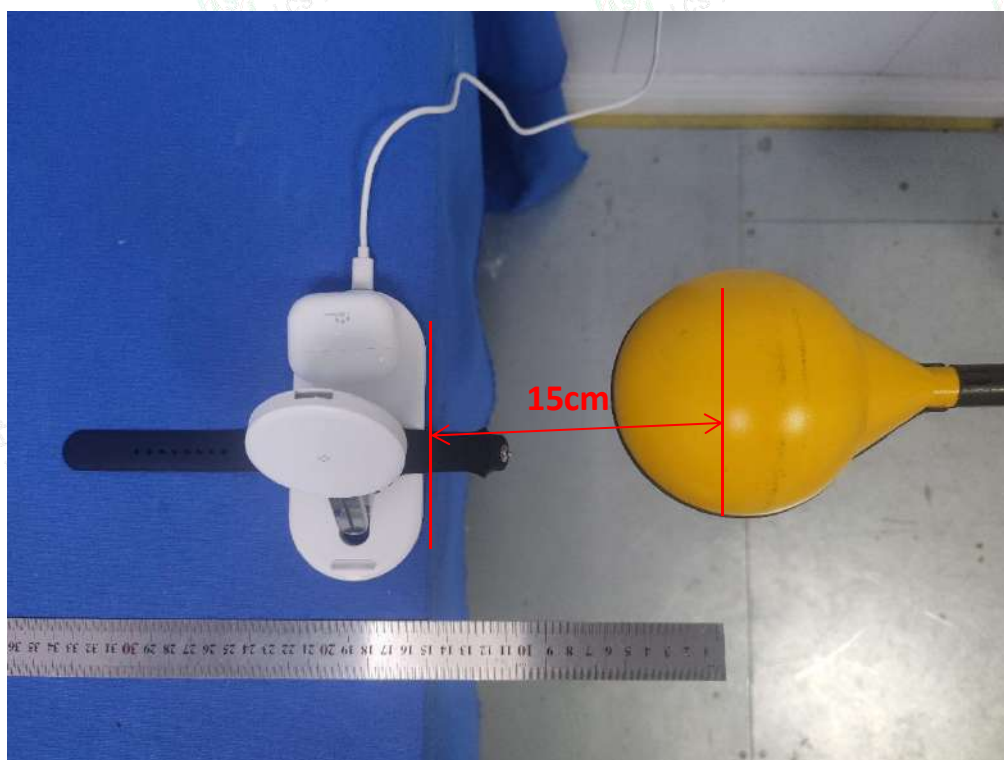


Test Position A - Exposure photo from side edge surface-Rear



(Mode 10-Mode 12)

Test Position B - Exposure photo from side edge surface-Left



(Mode 10-Mode 12)



Shenzhen LCS Compliance Testing Laboratory Ltd.

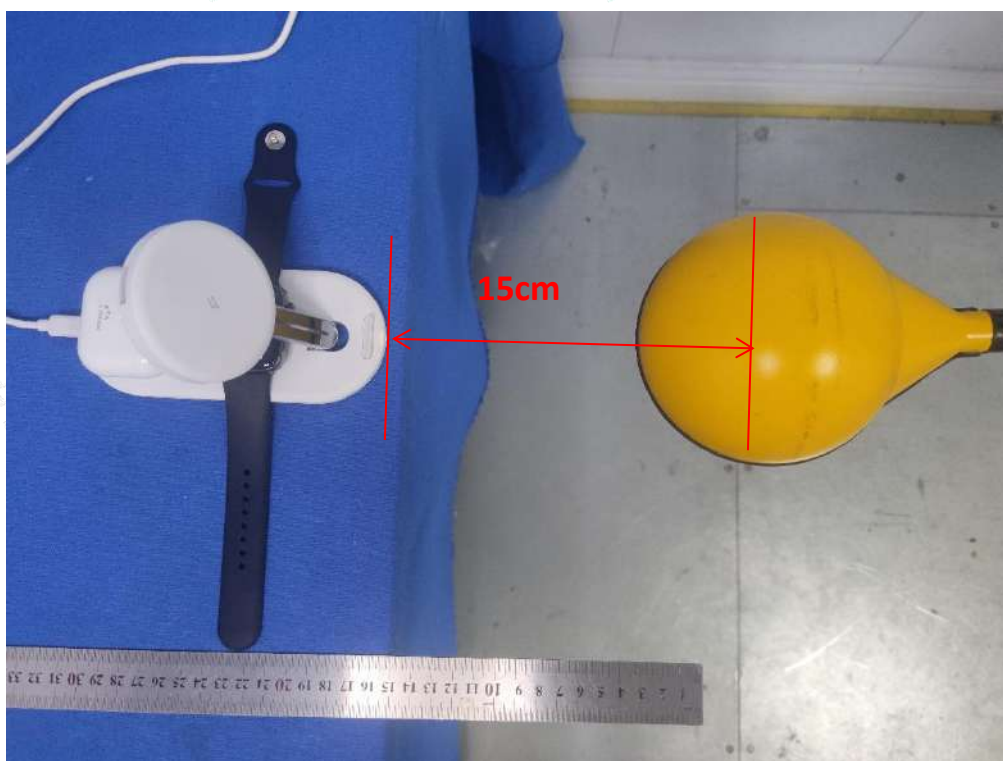
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

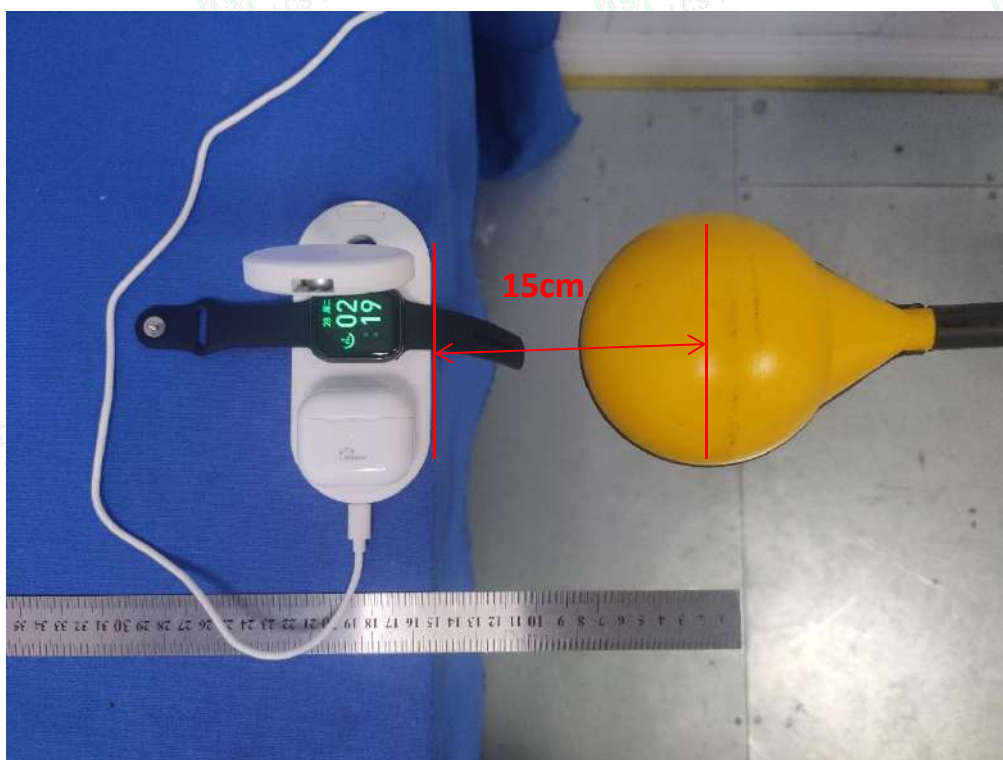


Test Position C - Exposure photo from side edge surface-Front



(Mode 10-Mode 12)

Test Position D - Exposure photo from side edge surface-Right

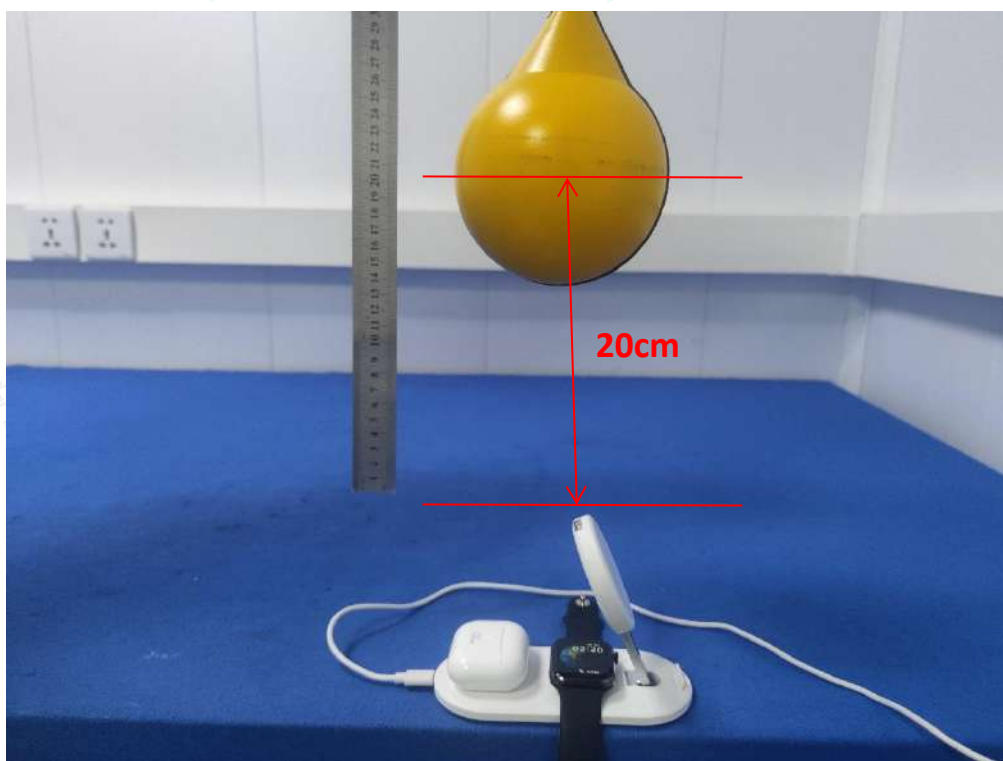


(Mode 10-Mode 12)



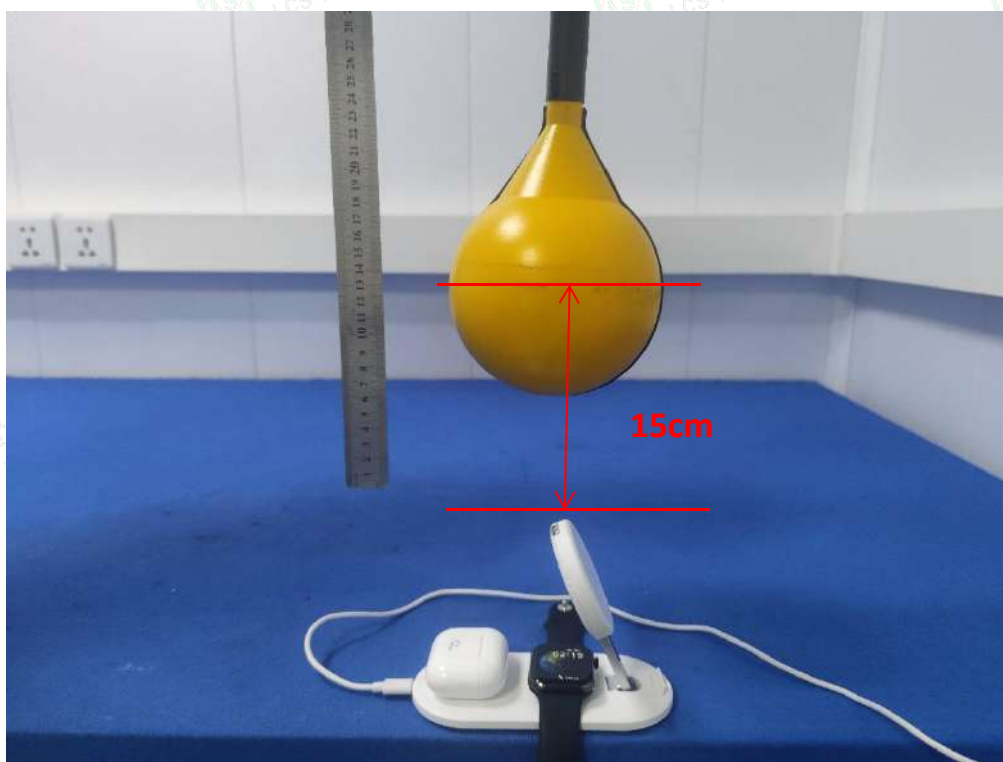


Test Position E - Exposure photo from top surface (20cm)



(Mode 10-Mode 12)

Test Position E - Exposure photo from top surface (15cm)



(Mode 10-Mode 12)



Shenzhen LCS Compliance Testing Laboratory Ltd.

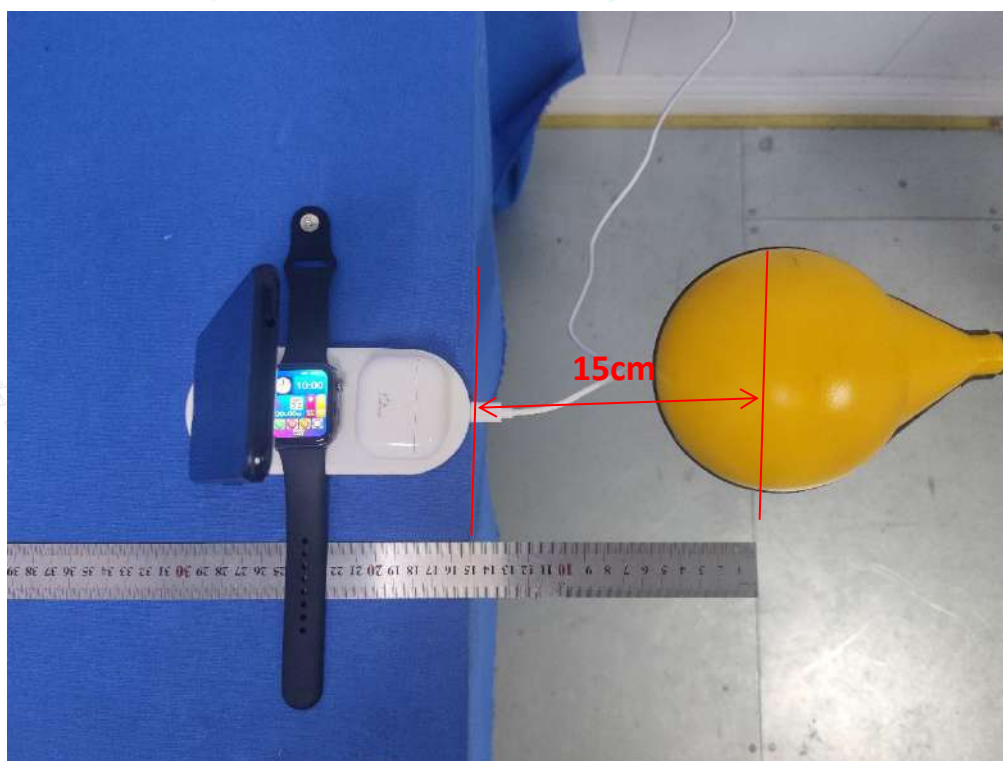
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

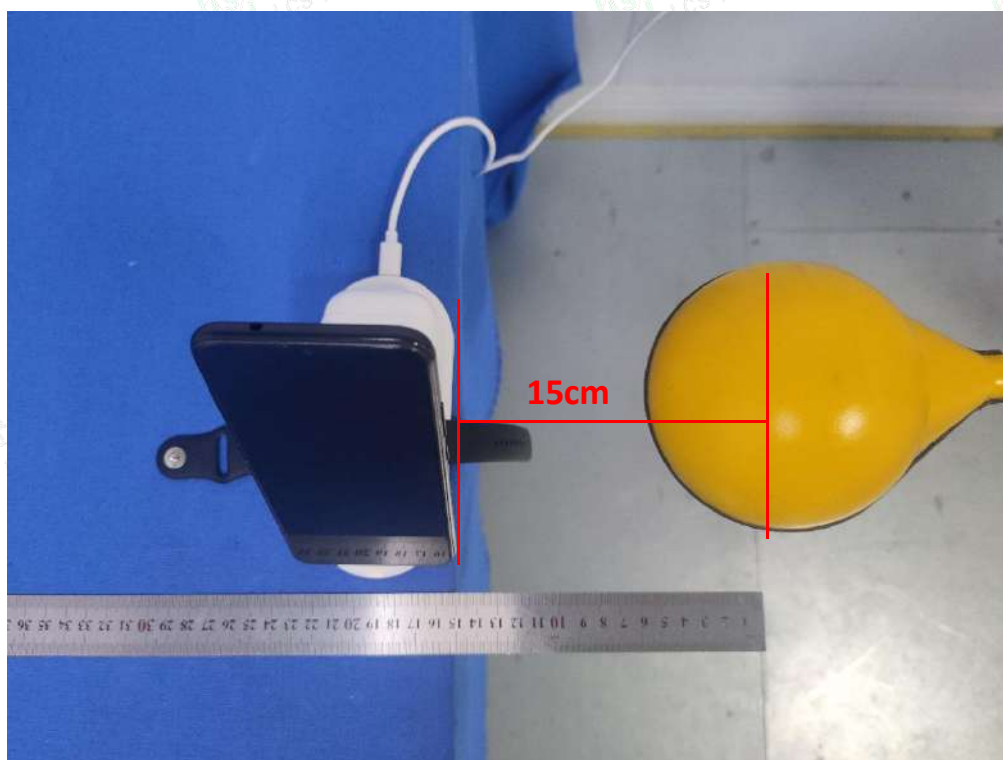


Test Position A - Exposure photo from side edge surface-Rear



(Mode 13-Mode 15)

Test Position B - Exposure photo from side edge surface-Left

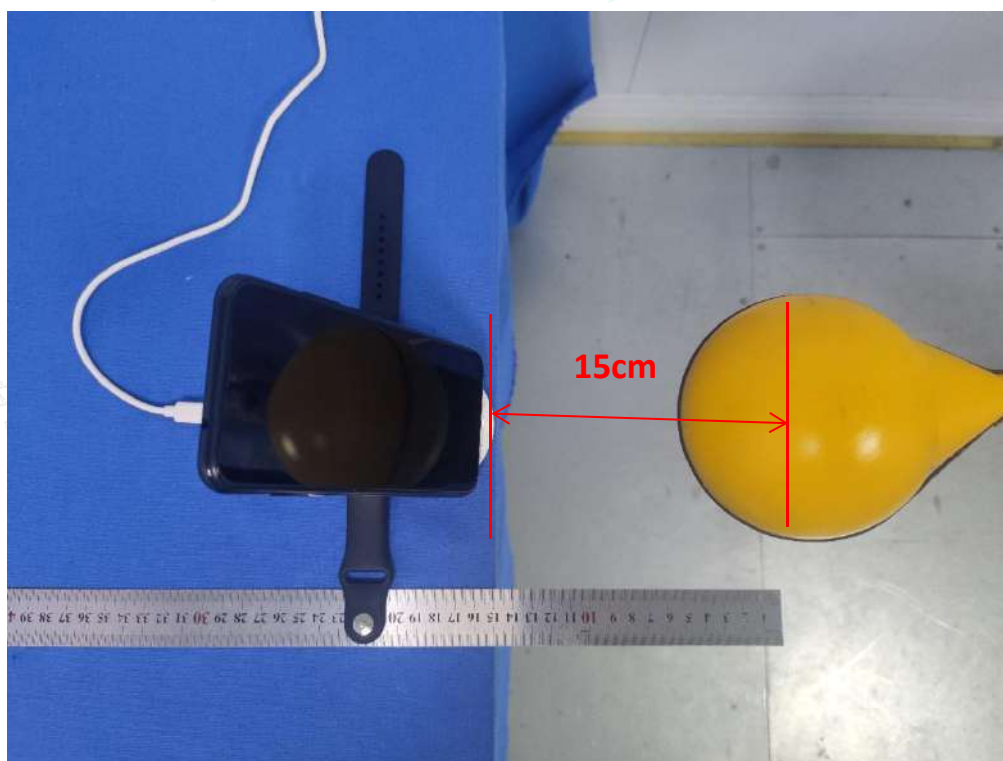


(Mode 13-Mode 15)



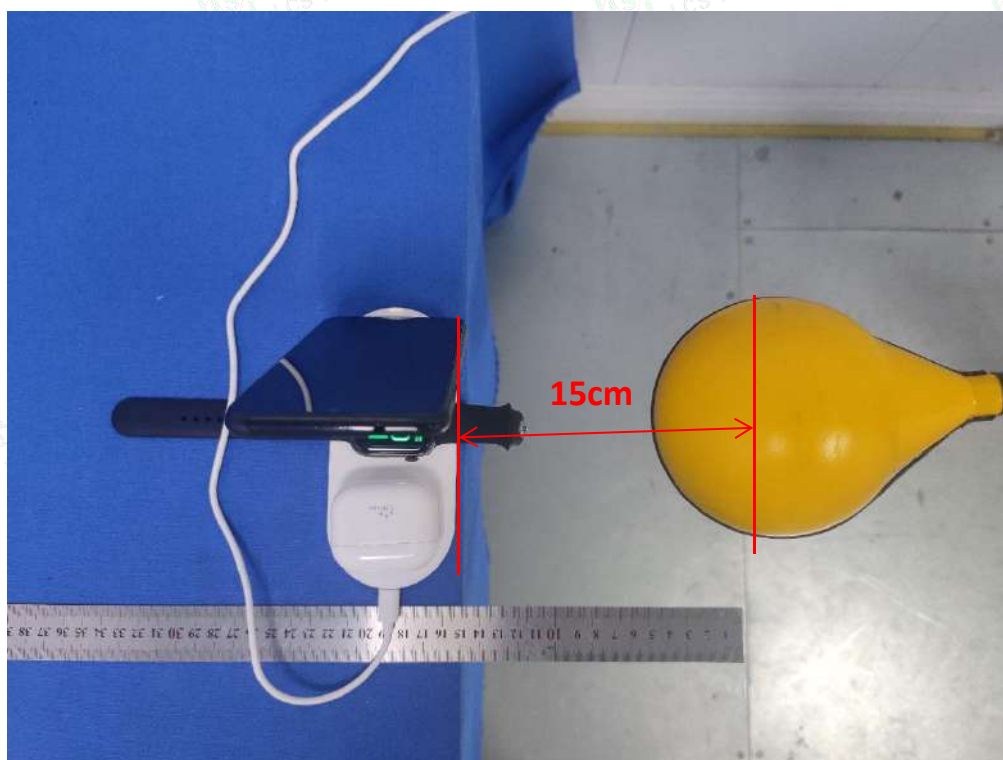


Test Position C - Exposure photo from side edge surface-Front



(Mode 13-Mode 15)

Test Position D - Exposure photo from side edge surface-Right

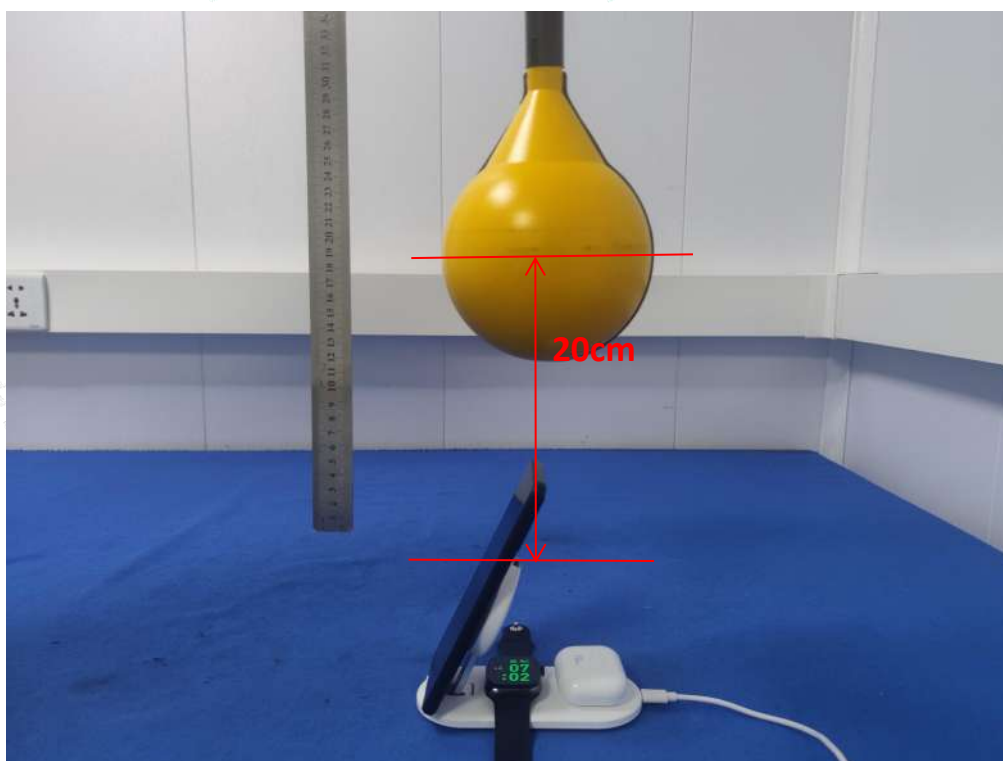


(Mode 13-Mode 15)



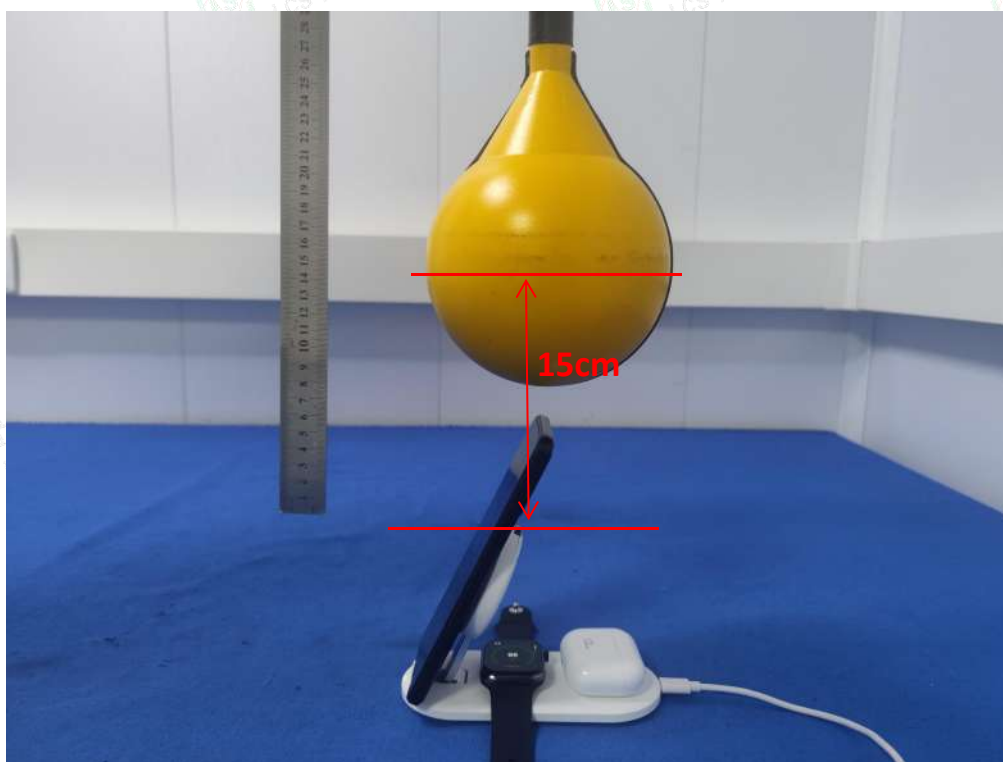


Test Position E - Exposure photo from top surface (20cm)



(TM5)

Test Position E - Exposure photo from top surface (15cm)



(Mode 13-Mode 15)



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add:101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



10. Conclusion

A minimum safety distance of at 15 cm surrounding the device and 20 cm above the top surface of the device is required when the device is charging a smart phone. The detected emissions with a distance of 15 cm surrounding the device and 20 cm above the top surface of the device are below the limitations according to FCC KDB 680106 D01 Section 3. RF Exposure Requirement Clause 3.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	November 07, 2022	Initial Issue	--

.....END OF REPORT.....

