



FCC TEST REPORT

For

HUIYUE INNOVATIONS LIMITED

Portable Wireless Charger

Test Model: Z7171

Additional Model No.: Please Refer to Page 6

Prepared for : HUIYUE INNOVATIONS LIMITED
Address : ROOMS 1318-19, 13/F, HOLLYWOOD PLAZA, 610 NATHAN ROAD, MONGKOK, KOWLOON, HONG KONG, 999077

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : February 14, 2025
Number of tested samples : 2
Sample No. : A250213074-1(Engineer sample), A250213074-2(Normal sample)
Date of Test : February 14, 2025 ~ February 21, 2025
Date of Report : February 24, 2025



**FCC TEST REPORT**
KDB 680106 D01 Wireless Power Transfer v04**Report Reference No.** : **LCSA02135153EB****Date of Issue**..... : February 24, 2025**Testing Laboratory Name**..... : **Shenzhen LCS Compliance Testing Laboratory Ltd.****Address**..... : 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Shajing Street,
Baoan District, Shenzhen, China**Testing Location/ Procedure**..... : Full application of Harmonised standards ■
Partial application of Harmonised standards □
Other standard testing method □**Applicant's Name**..... : **HUIYUE INNOVATIONS LIMITED****Address**..... : ROOMS 1318-19, 13/F, HOLLYWOOD PLAZA, 610 NATHAN
ROAD, MONGKOK, KOWLOON, HONG KONG, 999077**Test Specification****Standard**..... : FCC CFR 47 PART 1, § 1.1310
KDB 680106 D01 Wireless Power Transfer v04**Test Report Form No**..... : LCSEMC-1.0**TRF Originator**..... : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF**..... : Dated 2023-12**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

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EUT Description..... : **Portable Wireless Charger****Trade Mark**..... : N/A**Test Model**..... : Z7171**Ratings**..... : Battery Capacity, 2000mAh(3.7V/7.4Wh)
USB-C Input: DC 5V=1A
Wireless Output: 3W**Result** : **Positive****Compiled by:**

Ling Zhu/ Administrator

Supervised by:

Jack Liu / Technique principal

Approved by:

Gavin Liang/ Manager



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**ISED -- TEST REPORT**

Test Report No. :	LCSA02135153EB	<u>February 24, 2025</u> Date of issue
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Test Model.....	: Z7171
EUT.....	: Portable Wireless Charger
Applicant.....	: HUIYUE INNOVATIONS LIMITED
Address.....	: ROOMS 1318-19, 13/F, HOLLYWOOD PLAZA, 610 NATHAN ROAD, MONGKOK, KOWLOON, HONG KONG, 999077
Telephone.....	:
Fax.....	:
Manufacturer.....	: HUIYUE INNOVATIONS LIMITED
Address.....	: ROOMS 1318-19, 13/F, HOLLYWOOD PLAZA, 610 NATHAN ROAD, MONGKOK, KOWLOON, HONG KONG, 999077
Telephone.....	:
Fax.....	:
Factory.....	: HUIYUE INNOVATIONS LIMITED
Address.....	: ROOMS 1318-19, 13/F, HOLLYWOOD PLAZA, 610 NATHAN ROAD, MONGKOK, KOWLOON, HONG KONG, 999077
Telephone.....	:
Fax.....	:

Test Result	Positive
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Revision	Issue Date	Revisions	Revised By
000	February 24, 2025	Initial Issue	--





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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	: Portable Wireless Charger
Test Model	: Z7171
Additional Model No.	: Z7180, Z7181, Z7371, Z7380, Z7381
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Ratings	: Battery Capacity, 2000mAh(3.7V/7.4Wh) USB-C Input: 5V $\overline{\text{---}}$ 1A Wireless Output: 3W
Hardware Version	: /
Software Version	: /
Wireless Charging	:
Operating Frequency	: 320.0~330.0KHz
Modulation Type	: ASK
Antenna Type	: Coil Antenna

1.2. Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
Apple	Apple Watch	S9	---	FCC
SHENZHEN TIANYIN ELECTRONICS CO., LTD	Power Adapter	TPA-46050200UU	---	FCC

Note: Auxiliary equipment is provided by the laboratory.

1.3 External I/O Cable

I/O Port Description	Quantity	Cable
Type-C Port	1	N/A

1.4. Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024

CAB identifier is CN0071.

CNAS Registration Number is L4595.

Test Firm Registration Number: 254912.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4:2014 and CISPR 16-1-4:2010 SVSWR requirement for radiated emission above 1GHz.

1.5. Test Equipment

Equipment	Manufacturer	Model	Serial no.	Calibrated date	Calibrated Due
Exposure Level Tester	Narda	ELT-400	N-0713	2024-11-11	2025-11-10
B-Field Probe	Narda	100cm ²	M-1154	2024-10-08	2025-10-07

Exposure Level Tester ELT-400 detailed parameters are as follows:



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ELT – 400 with 100 cm ² probe				
Frequency range (-3 dB), selectable		1 Hz to 400 kHz, 10 Hz to 400 kHz, 30 Hz to 400 kHz		
Probe type		Magnetic (B-) field		
Sensor		Isotropic coil 100 cm ²		
Damage level	RMS	160 mT	The damage level reduces linearly with increasing frequency above 77.5 Hz (1/f)	
	Peak	226 mT	The damage level reduces linearly with increasing frequency above 620 Hz (1/f). The damage level (peak) applies for pulse duration ≤15.6 ms and duty cycle ≤ 1/64.	
Measurement uncertainty ^a		±4 % (50 Hz to 120 kHz)		
E-Field response		< 20 nT @ f < 2 kHz, 100 V/m < 300 nT @ f = 50 Hz, 50 kV/m		
Mounting thread		1/4-20UNC-2B (standard thread)		
EXPOSURE STD MODE				
Exposure evaluation		Comparison with standard (see Ordering Information)		
MODE ^b		2013/35/EU, EMFV 2016 ICNIRP / IEC 62311		IEC/EN 62233
RANGE		LOW	HIGH	LOW HIGH
Overload limit		160 %	1 600 %	160 % 1 600 %
Noise level, typical ^c		1 %	5 %	0.4 % 2 %
Resolution		0.001 % (RANGE: LOW)		
Detection, selectable		Automatic according to selected standard, or RMS (averaging time 1 s), or Peak Value		
Display mode, selectable		Instantaneous or Max Hold		
FIELD STRENGTH MODE				
Frequency response		Flat		
MODE ^b		320 µT		80 mT
RANGE		LOW	HIGH	LOW HIGH
Overload limit		32 µT	320 µT	8 mT 80 mT
Noise level, typical ^a		60 nT	320 nT	10 µT 80 µT
Resolution		1 nT (RANGE: LOW)		
Detection, selectable		RMS (averaging time 1 s), or Peak Value		
Display mode, selectable		Instantaneous or Max Hold		
OUTPUT				
Analog scope output		Three channel (X-Y-Z)		
Analog output level		The open-circuit analog output voltage is 800 mV when the field strength value corresponds to the overload limit (sensitivity = 800 mV/ overload limit). Load impedance ≥ 10 kΩ		
Interface (remote control and readout)		RS-232 (19200 baud, 8n1, XON/XOFF), 3-wire, 2.5 mm stereo jack		
GENERAL SPECIFICATIONS				
Operating temperature range		-10 °C to +50 °C		
Operating humidity range		< 95 % (30 °C) or < 29 g/m ³ , non-condensing		
Weight		910 g (with probe)		
Dimensions		180 mm x 100 mm x 55 mm (basic unit) / 290 mm x 125 mm Ø (probe)		
Display		LCD with backlight; refresh rate 4 times per second		
Battery		NiMH batteries (4 x Mignon, AA), exchangeable		
Operating life, typical		12 h		
Charger unit		100 to 240 V AC / 47 to 63 Hz, fits all AC line connectors		
Charging time, typical		2 h		
Recommended calibration interval		24 months		
Country of origin		Germany		

1.6. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Field Strength Uncertainty	1Hz~400KHz	1%	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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1.7. Description of Test Modes

Equipment under test was operated during the measurement under the following conditions:

☒ Charging and communication mode

Test Modes		
Mode 1	AC/DC Adapter(5V/1A)+EUT+Watch (Battery Status: <1%)	Record
Mode 2	AC/DC Adapter(5V/1A)+EUT+Watch (Battery Status: <50%)	Record
Mode 3	AC/DC Adapter(5V/1A)+EUT+Watch (Battery Status: 100%)	Record
Note: All test modes were pre-tested for ac and dc mode, but we only recorded the worst case in this report for ac mode.		

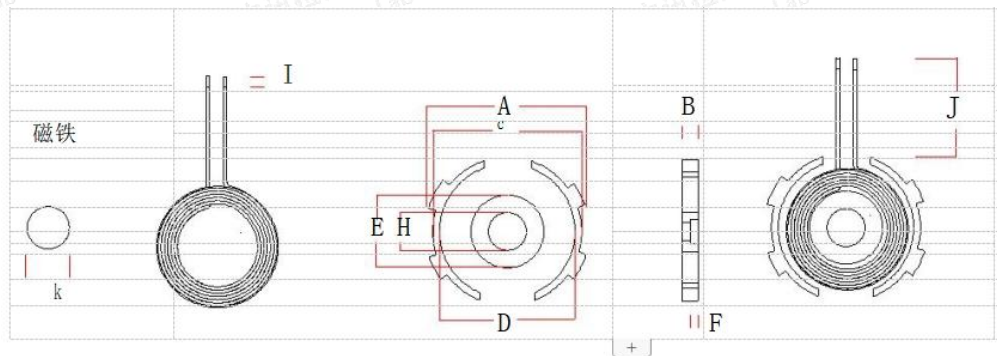
1.8. Coil Description

Config.	Mode	Descriptions
1	Standby (Flatbed Position) @328.8kHz	EUT Alone powered by AC/DC adapter
2	Operating (Flatbed Position) (Phone @328.8kHz, ~10%, 20~50%, and >75% Power Charging)	EUT with lightning to AC/DC Adapter & Wireless Charging to WPT Client. 3W: Direct Contact 3W: 2mm Airgap, 2mm Shift Top as Worst-Case Position





1.9. Coil Size



	A	B	C	D	E	F	H	I	J	K
STD	24±0.5	2.7±0.2	23.7±0.4	20.5min	13.5±0.5	2.3±0.25	7.5±0.3	2±1	33±1	

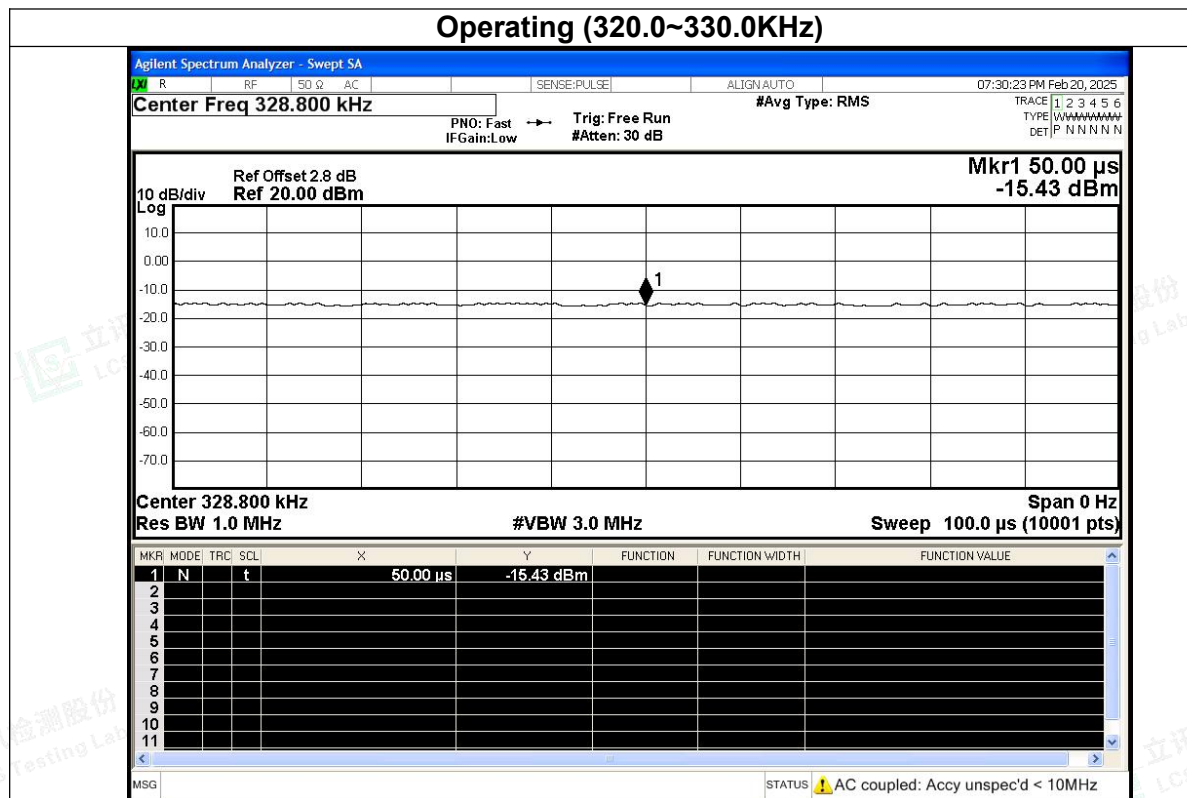
(Unit: mm)

1.10. Coil Specifications

Item	Parameter
Input inductance:	Transmitter 1: 4.8uH ± 10%
Material of enclosure(s):	Multiple strands of enamelled wire
Number of turns:	Transmitter 1: 14 turns

1.11. Duty Cycle

Mode	ON Time (ms)	Period (ms)	Duty Cycle (%)
Operating (320.0-330kHz)	/	/	100





2. TEST METHODOLOGY

2.1. Reference 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 v04: 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 2.1093: Radiofrequency radiation exposure evaluation: portable devices

FCC CFR 47 part 18.107: Industrial, Scientific, and Medical Equipment

April 2024 TCBC Workshop: Part 18 Wireless Power Transfer Devices: Clarifications on KDB 680106v04 and ECR Processes

2.2. Limit

§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of this chapter.

Table 1 to §1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	/	/	f/300	<6
1500-100000	/	/	5	<6
(ii) 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
300-1500	/	/	f/1500	<30
1500-100000	/	/	1.0	<30

f = frequency in MHz

* = Plane-wave equivalent power density

Note 1: Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

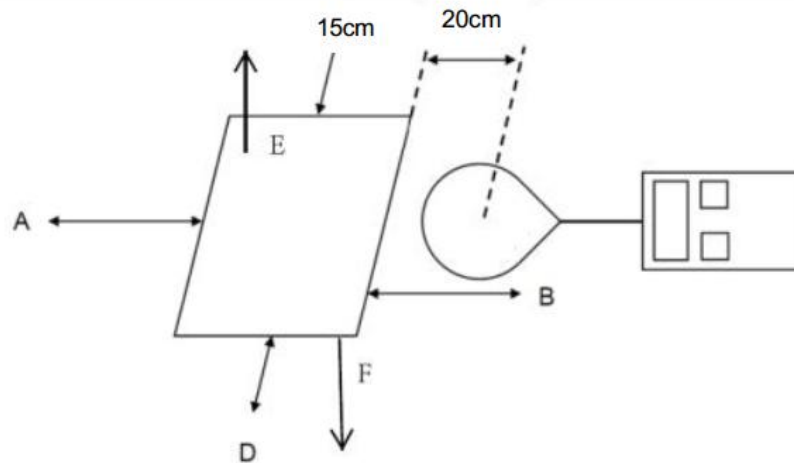
Note 2: General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

2.3. Test Setup Diagram

Mobile Exposure Conditions

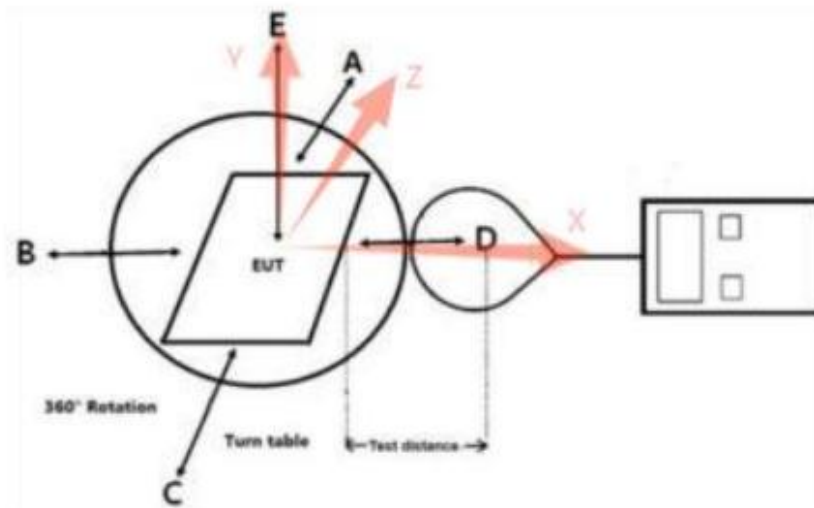


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Note: The distance of the points A/B/C/D is 15cm, and the point E is 20cm.

Portable Exposure Conditions:



Note: The distance of the points A/B/C/D/E/F is 0,2,4,6,8,10,12,14,16,18, 20cm.

The values tested by the probe are X, Y, and Z on three axes perpendicular to the edge of the device. Top and bottom side coincident with the axis(Y) of the main coil.

2.4. Measurement Procedure

Mobile Exposure Conditions

- The RF exposure test was performed in anechoic chamber.
- E and H-field measurements should be made with the center of the probe at 15 cm surrounding the EUT and 20 cm above the top surface of the primary/client pair.
- The highest emission level was recorded and compared with limit.
- The EUT was measured according to the KDB 680106 D01 Wireless Power Transfer v04.

Portable Exposure Conditions

- The RF exposure test was performed in anechoic chamber.
- Perform H-field measurements for each edge/top surface of the host/client pair at every 2 cm, starting





from as close as possible out to 20 cm

- c. The highest emission level was recorded and compared with limit.
- d. The EUT was measured according to the KDB 680106 D01 Wireless Power Transfer v04.

2.5. Equipment Approval Considerations of KDB 680106 D01v04

Requirements of KDB 680106 D01	Yes / No	Description
Power transfer frequency is less than 1 MHz	Yes	The device operates in the frequency range 320.0~330.0KHz
The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.	Yes	The maximum output power of each primary coil is 3W.
A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)	Yes	Client device is placed directly in contact with the transmitter.
Only § 2.1091- Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).	No	Mixed mobile and portable exposure conditions
The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field strength decay is observed. Symmetry considerations may be used for test reduction purposes. The device shall be operated in documented worst-case compliance scenarios (i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.	Yes	The E-field and H-field strengths from all simultaneous transmitting coils are demonstrated to less than 50% of the MPE limit.
For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested	Yes	Only one radiating structure and tested at maximum Output Power

3. TEST RESULTS

For portable exposure condition

- (1). The portable test modes have covered the considerations of the mobile test, only record the test data of the portable conditions in this report.
- (2) Operating modes with client device (1 %, 50%, 99% battery status of client device) have been test,



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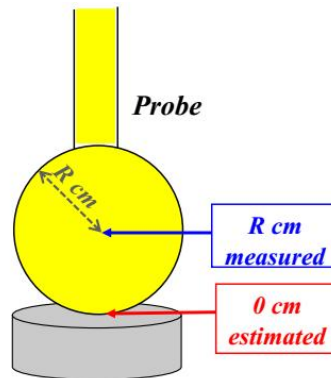
only show the data of worst case of 1% battery status of client device.

(3) Test performed with all the radiating structures operating at maximum power at the same time.

(4) H-field measurements are taken along all three axes the device from 0cm~20cm in 2cm minimum increment for each edge surface of the host/client pair. If the center of the probe sensing element is more than 5mm from the probe outer edge, the field strengths need to be estimated for the positions that are not reachable.

(5) Validation of Field Estimates

(a) If R is the probe radius and the probe tip is in contact with the coil, then the probe center is R cm from the coil surface as bellowing picture



(b) The probe then is measuring the field correctly at R cm from the surface, and only estimating the field at the 0 cm point of contact with the coil surface.

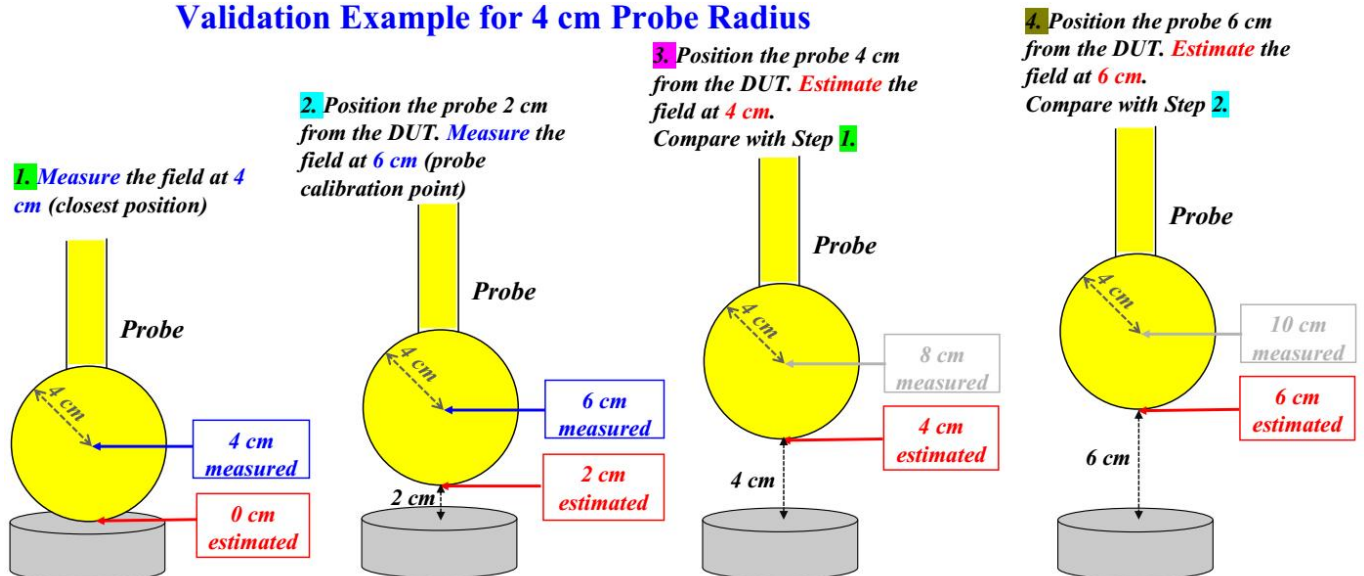
(c) The validation requires showing that the model used to estimate the field provides data within 30% accuracy for at least the two, 2-cm-spaced closest points to where the estimates were made.

(d) If there is only one estimated value, then a single validation point is sufficient.

(e) Validation Example for 4 cm Probe Radius as following

Step 1

Validation Example for 4 cm Probe Radius

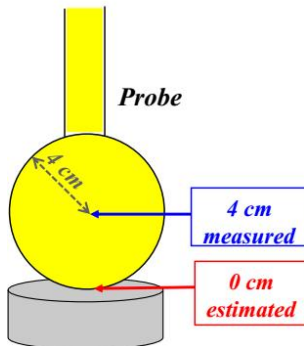


Step 2

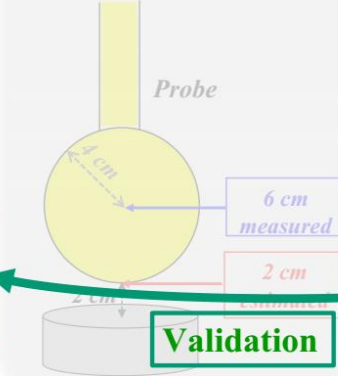


Validation Example for 4 cm Probe Radius

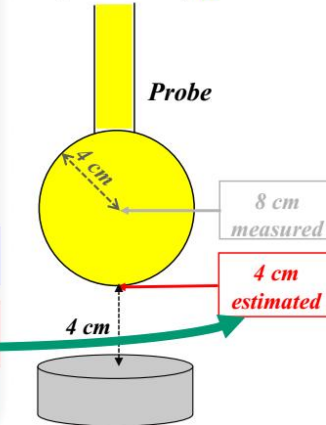
1. Measure the field at 4 cm (closest position)



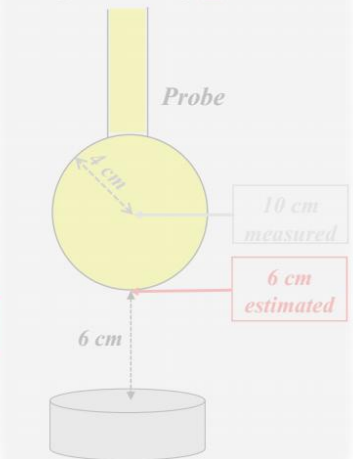
2. Position the probe 2 cm from the DUT. Measure the field at 6 cm (probe calibration point)



3. Position the probe 4 cm from the DUT. Estimate the field at 4 cm. Compare with Step 1.



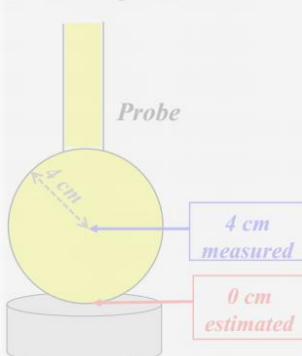
4. Position the probe 6 cm from the DUT. Estimate the field at 6 cm. Compare with Step 2.



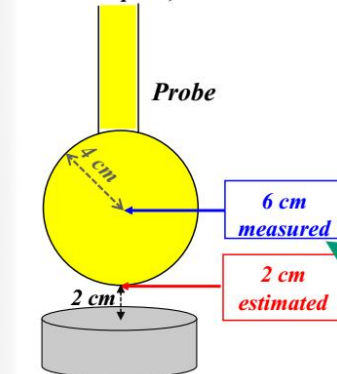
Step 3

Validation Example for 4 cm Probe Radius

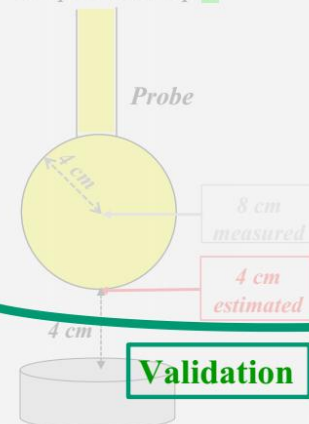
1. Measure the field at 4 cm (closest position)



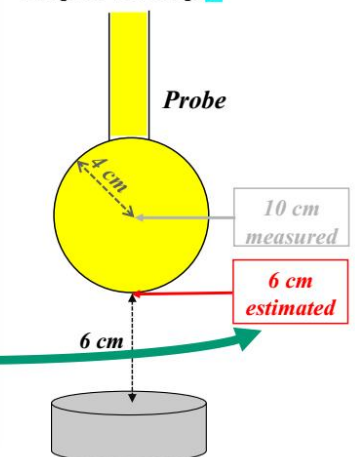
2. Position the probe 2 cm from the DUT. Measure the field at 6 cm (probe calibration point)



3. Position the probe 4 cm from the DUT. Estimate the field at 4 cm. Compare with Step 1.



4. Position the probe 6 cm from the DUT. Estimate the field at 6 cm. Compare with Step 2.



Description of the Validation Example for 4 cm Probe Radius

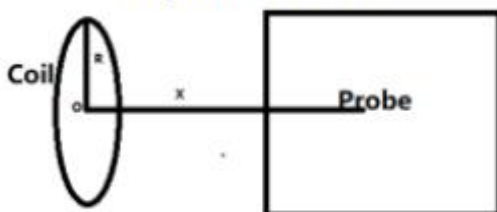
- Assume that $R=4$ cm. The field at 0 cm can only be estimated, but the field at 4 cm is measured exactly (at the center of the probe).
- Move the probe at 2 cm from the surface. The field at 2 cm can still only be estimated, but the field at 6 cm is measured exactly.
- Compare the estimates with the values at the same positions where the field was measured exactly (i.e., 4 cm and 6 cm)
- The difference between measurements and estimates needs to be no more than 30%.
- That validation of the estimates needs to be for the two closest points to the coil, but at least 2 cm apart (in this case they are). This is to avoid a validation at, say 2 cm and another one at 2.1 cm, that is essentially a repetition





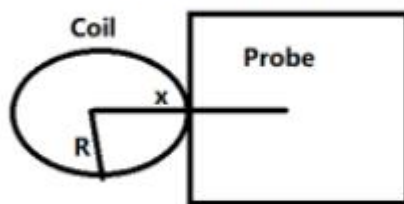
- (6) According to Calibration information and specification about ETL-400 Probe (the B-Field Probe size is 122.66cm², the probe radius is 6.25cm), The Probe ETL-400 Probe's sensitive elements center is located in the probe's center, and the distance from the sensitive elements center to the tip of probe is 6.25cm.
- (7) The actual 0cm, 2cm, 4cm and 6cm field strengths need to be estimated for the positions that are not reachable via numerical calculation.
- (8) For validation purposes: If the value to show a 30% agreement between the mode and the probe measurements for the two closest points to the device surface, and with 2cm increments. Then this extrapolation method is reasonable.
- (9) Use Biot-Savart formula theory to estimate the strength of the magnetic field that the measuring instrument cannot measure. According to Biot-Savart formula:

Top & Bottom Side:



$$B = \frac{\mu_0 * I * N * R^2}{2 * (R^2 + x^2)^{3/2}}$$

Front, left, right & rear Side:



$$B = \frac{\mu_0 * I * N}{2 * x}$$

B(Unit:A/m): means H-field value;

μ_0 is space permeability; $\mu_0=4\pi*10^{-7}$;

I(Unit:A): A current element passing through a radiated coil;

R(Unit:m): means the Radius of radiated coil, According to provided Antenna specification:

$R=20.5/2=10.25\text{mm}=0.1025\text{m}$;

Test Distance(Unit:m): The distance from the sensing element of the probe to the edge of the device surface.

x(Unit:m): means the center of the coil to the sensing elements of the probe. (For top & bottom side: $x=\text{test distance}$; For other side: $x=\text{test distance}+R$)

N: Number of turns, according to providing "Antenna specification" files: $N=8$.





(10) Validation E-Field and H-Field as bellowing;

Validation Mode: TM1 Unit: Agreement (%); H-field (A/m)							
	Top	Bottom	Left	Right	Front	Back	Conclusion
Estimated Distance: 6 cm	0.4292	0.4885	0.5066	0.4496	0.4683	0.4994	PASS
Measured Distance: 6.25 cm	0.4243	0.4802	0.5019	0.4407	0.4638	0.4931	
contrast(%)	1.1548	1.7284	0.9364	2.0195	0.7530	1.2776	
Estimated Distance: 8 cm	0.3284	0.4181	0.3895	0.3493	0.4084	0.4273	PASS
Measured Distance: 8 cm	0.3205	0.4147	0.3822	0.3419	0.4015	0.4221	
contrast(%)	2.4649	0.8199	1.9100	2.1644	1.7186	1.2319	
Estimated Distance: 10 cm	0.2093	0.2686	0.1689	0.2094	0.1987	0.2556	PASS
Measured Distance: 10 cm	0.2017	0.2631	0.1602	0.2021	0.1913	0.2507	
contrast(%)	3.7680	2.0905	5.4307	3.6121	3.8683	1.9545	

Note 1:

$$\text{The contrast (\%)} = (H_{\text{Estimated Distance}} - H_{\text{Measured Distance}}) / H_{\text{Measured Distance}} * 100\%$$
H-Field and E-Field Emission level with a combination of measured and estimated results.**Test condition: Mode 1**

Distance(cm)	Field Strength	Type	Result						Limit
			Top	Bottom	Left	Right	Front	Back	
0	uT	Estimate	0.8659	0.8481	0.6945	0.5670	0.5593	0.6876	--
	V/m		26.0343	25.5006	20.8815	17.0480	16.8150	20.6748	613
	A/m		0.6927	0.6785	0.5556	0.4536	0.4474	0.5501	1.63
2	uT	Estimate	0.7988	0.6959	0.7135	0.4651	0.5246	0.4775	--
	V/m		24.0160	20.9229	21.4528	13.9849	15.7739	14.3570	613
	A/m		0.6390	0.5567	0.5708	0.3721	0.4197	0.3820	1.63
4	uT	Estimate	0.6425	0.7258	0.7469	0.6604	0.6155	0.6456	--
	V/m		19.3180	21.8211	22.4563	19.8555	18.5062	19.4120	613
	A/m		0.5140	0.5806	0.5975	0.5283	0.4924	0.5165	1.63
6	uT	Estimate	0.6539	0.4938	0.5343	0.5759	0.3263	0.3284	--
	V/m		19.6601	14.8456	16.0633	17.3148	9.8094	9.8732	613
	A/m		0.5231	0.3950	0.4274	0.4607	0.2610	0.2627	1.63
8	uT	Measured	0.5918	0.5009	0.3313	0.3360	0.2531	0.2913	--
	V/m		17.7921	15.0598	9.9597	10.1025	7.6107	8.7570	613
	A/m		0.4734	0.4007	0.2650	0.2688	0.2025	0.2330	1.63
10	uT	Measured	0.5411	0.3289	0.2530	0.1491	0.1918	0.2615	--
	V/m		16.2700	9.8883	7.6069	4.4837	5.7653	7.8625	613
	A/m		0.4329	0.2631	0.2024	0.1193	0.1534	0.2092	1.63
12	uT	Measured	0.1975	0.0656	0.1419	0.1818	0.1936	0.1438	--
	V/m		5.9382	1.9731	4.2658	5.4647	5.8217	4.3221	613
	A/m		0.1580	0.0525	0.1135	0.1454	0.1549	0.1150	1.63
14	uT	Measured	0.1730	0.1101	0.0534	0.0920	0.1098	0.1386	--
	V/m		5.2016	3.3111	1.6048	2.7662	3.2999	4.1680	613
	A/m		0.1384	0.0881	0.0427	0.0736	0.0878	0.1109	1.63
16	uT	Measured	0.1368	0.2325	0.1755	0.1036	0.2226	0.1878	--
	V/m		4.1117	6.9906	5.2768	3.1157	6.6937	5.6451	613
	A/m		0.1094	0.1860	0.1404	0.0829	0.1781	0.1502	1.63
18	uT	Measured	0.1246	0.0025	0.1324	0.1213	0.1005	0.0433	--
	V/m		3.7471	0.0752	3.9801	3.6456	3.0217	1.3004	613
	A/m		0.0997	0.0020	0.1059	0.0970	0.0804	0.0346	1.63
20	uT	Measured	0.0191	0.0189	0.0504	0.1046	0.1786	0.0023	--
	V/m		0.5750	0.5675	1.5146	3.1458	5.3707	0.0677	613
	A/m		0.0153	0.0151	0.0403	0.0837	0.1429	0.0018	1.63





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

3.3 Conclusion

A minimum safety distance of 0 cm to the antenna is required when the device is charging a Watch for portable exposure. The detected emissions are below the limitations according FCC KDB 680106.



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Scan code to check authenticity



4. TEST SETUP PHOTOS

(The separation distance from the geometric center of the probe to the edge of the device is 6.25cm)

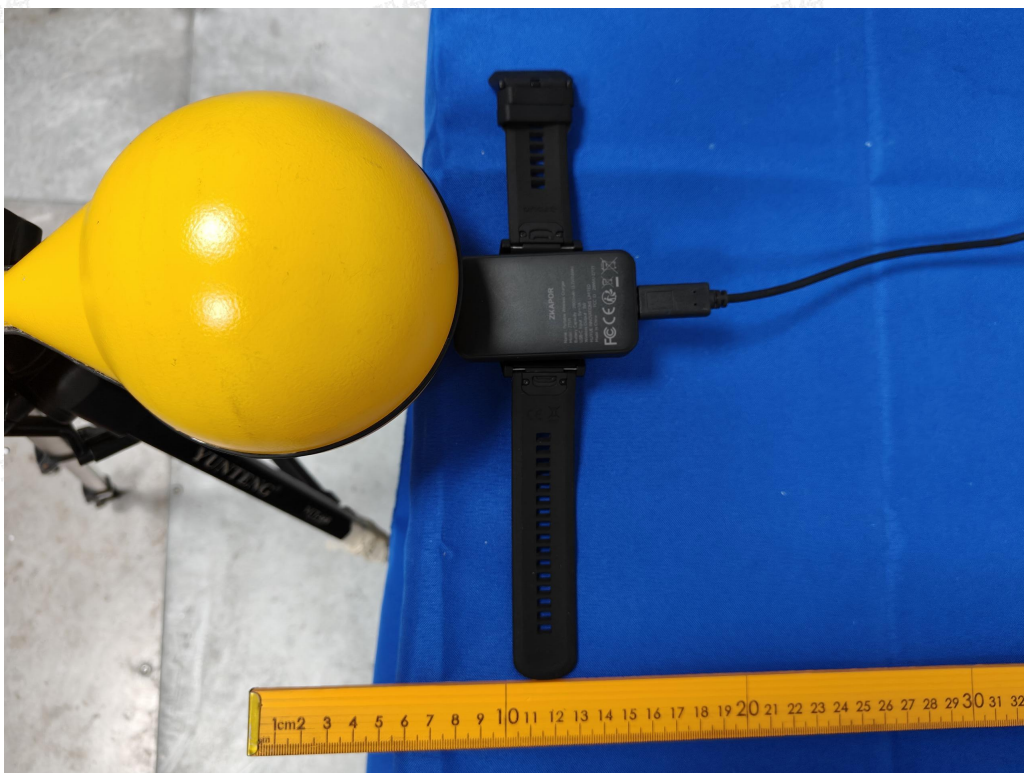


0cm-Left

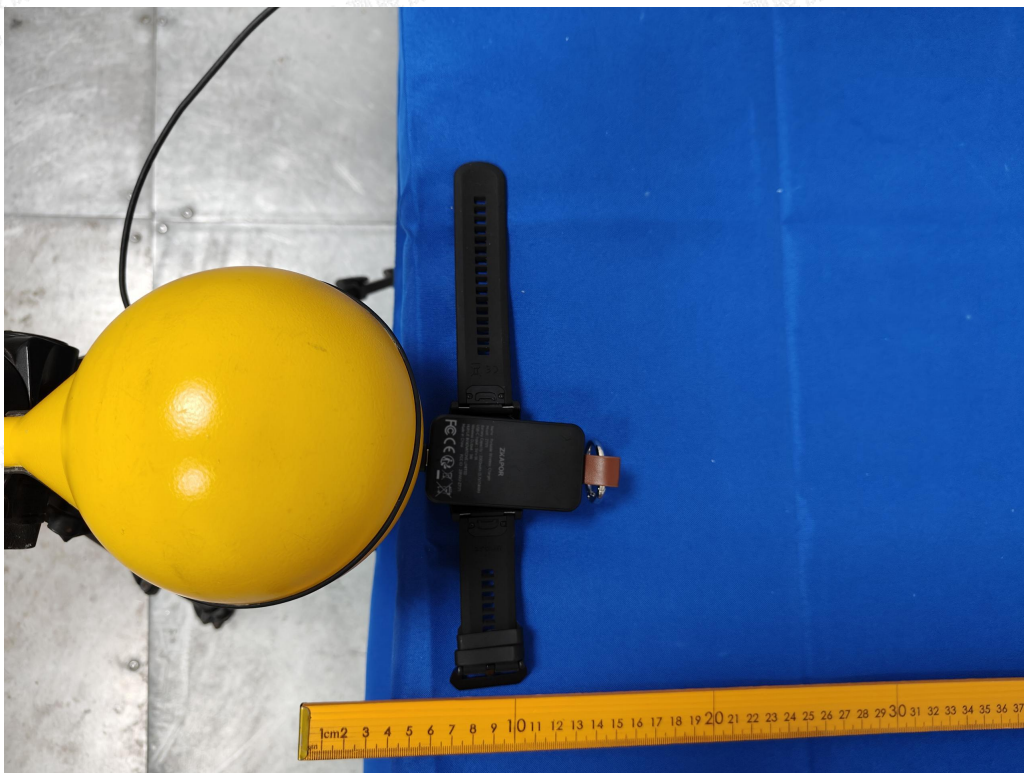


0cm-Right





0cm-Top



0cm-Bottom





0cm-Front



0cm-Back





20cm-Left

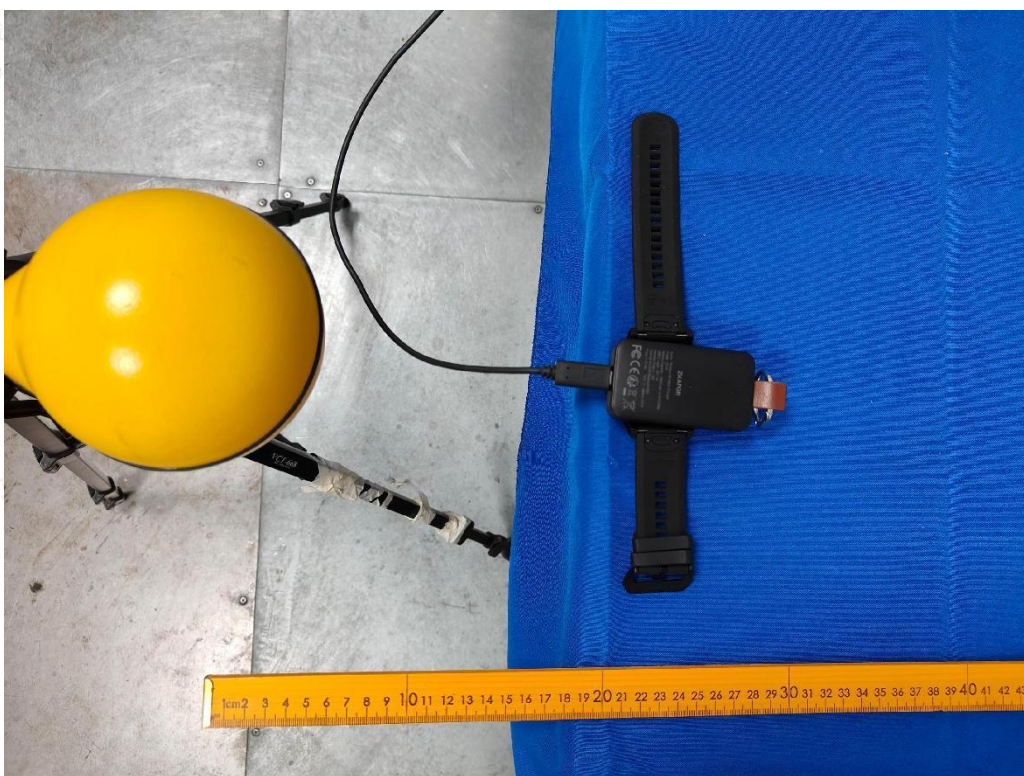


20cm-Right





20cm-Top



20cm-Bottom





20cm-Front



20cm-Back

-----THE END OF REPORT-----

