



Test Report

FCC ID: 2A8QM-M10

Applicant: Shenzhen Maigu Technology Co., Ltd.
Address: 1B1305, Yuefu Plaza, Guangming Avenue, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen City
Manufacturer: Shenzhen Maigu Technology Co., Ltd.
Address: 1B1305, Yuefu Plaza, Guangming Avenue, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen City
Product Name: Power Bank
Trade Mark: N/A
Model Number: M10
Date of Receipt: Dec. 05, 2025
Test Date: Dec. 05, 2025 - Dec. 15, 2025
Date of Report: Dec. 15, 2025
Prepared By: Shenzhen DL Testing Technology Co., Ltd.
Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Prepared (Engineer): Ken Tan
Reviewer (Supervisor): Jack Bu
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This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



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**Test Result Certification**

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Manufacturer:	Shenzhen Maigu Technology Co., Ltd.
Address:	1B1305, Yuefu Plaza, Guangming Avenue, Dongkeng Community, Fenghuang Street, Guangming District, Shenzhen City
Product description	
Product name:	Power Bank
Trademark:	N/A
Model name:	M10
Series Model:	N/A
Standards:	FCC CFR 47 PART 1, § 1.1310 FCC CFR 47 PART 2, § 2.1093
Test method:	KDB 680106 D01 Wireless Power Transfer v04
Date of Test	
Date of test:	Dec. 05, 2025 - Dec. 15, 2025
Test result:	Pass



1 General Description

1.1 Description of the EUT

Product Name:	Power Bank
Trade Mark:	N/A
Model No.:	M10
Series Model:	N/A
Model difference:	N/A
Electrical rating:	Battery Capacity: 10000mAh/3.6V/36Wh Rated Capacity:5800mAh(5V 3A) USB-C/USB-C Cable Output: 5V---3A; 9V---3A; 12V---2.91A; 15V---2.33A; 20V---1.75A (35W Max) USB-C/USB-C Cable Output: 5V---3A; 9V---3A; 12V---2.91A; 15V---2.33A; 20V---1.75A (35W Max) Phone Wireless charger output: 5W/7.5W/10W/15W Watch wireless charging output: 2.5W Max
Accessories:	/
RF specification:	
Operation frequency:	115-205kHz
Modulation type:	MSK
Antenna type:	Coil

1.2 Description of test modes

All the test modes were carried out with the EUT in normal operation, the final test mode of the EUT was the worst test mode for emission test, which was shown in this report and defined as:

No.	Emission test modes
Mode1	Wireless Phone Output Mode(5W)
Mode2	Wireless Phone Output Mode(7.5W)
Mode3	Wireless Phone Output Mode(10W)
Mode4	Wireless Phone Output Mode(15W)
Mode5	Wireless Watch Output Mode(2.5W)
Mode6	Stanby mode

Note: 1. We have evaluated 1%, 50% and 99% battery charging mode, and the worst mode (99%) is showed in this report.

2. All modes have been tested, and the report only shows the results of the worst mode4 and mode5.

3. Charging the mobile phone and the watch cannot be done simultaneously.



1.3 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list			
Description	Model	Serial No.	Manufacturer
XIAOMI Laptop Portable adapter(65W)	AD65G	/	XIAOMI
Mobile phone (Provide by test lab)	Galaxy S21 5G	/	SAMSUNG
Watch (Provide by test lab)	Watch Series 6	/	Apple

2 Measurement uncertainty

Parameter	Expanded Uncertainty
Magnetic field measurement (9kHz~30MHz)	$\pm 7.8\%$
Electric field measurements (9kHz~30MHz)	$\pm 7.8\%$

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



3 Test facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen DL Testing Technology Co., Ltd.
Test site location:	101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China
FCC Test Firm Registration Number:	854456
Designation Number:	CN1307
IC Registered No.:	27485
CAB ID.:	CN0118



4 List of test equipment

Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
Electric and Magnetic Field Probe – Analyzer	Narda	EHP-200A	101166	June. 24, 2025	June. 25, 2026



5 Test result

5.1 Requirement

§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/f ²)	<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

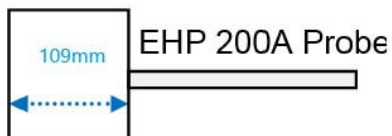
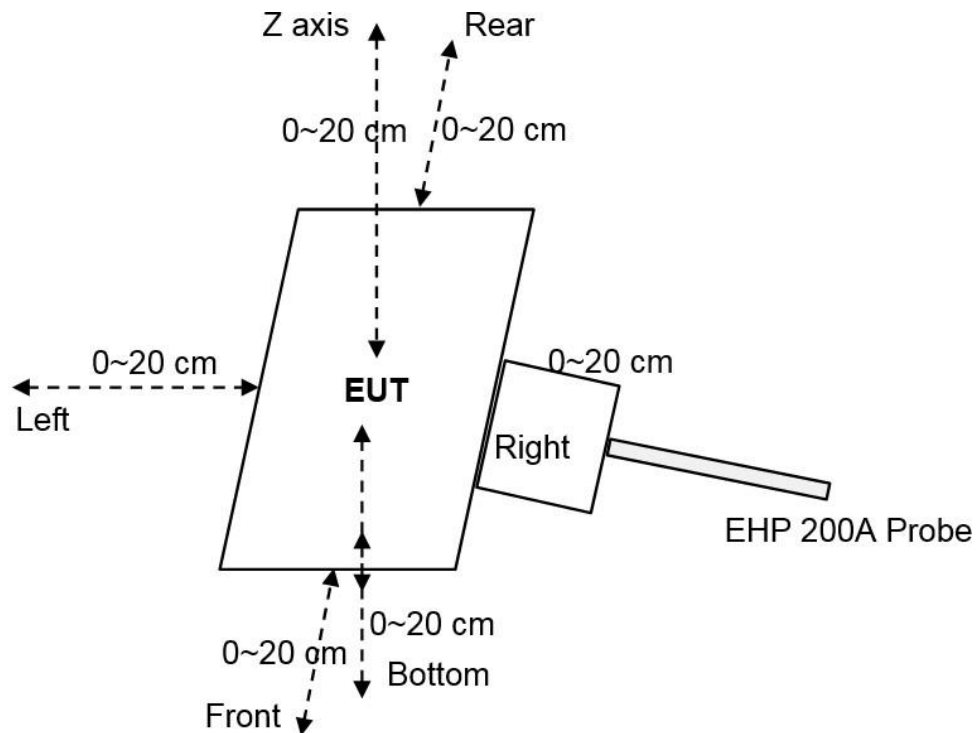
Note 1: Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

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.



5.2 Test setup

For portable exposure conditions:



Notes: The EHP 200A Probe has a diameter of 10.9cm and a radius of 5.45cm.



5.3 Test Procedures

For portable exposure conditions:

- a. The RF exposure test was performed in anechoic chamber.
- b. 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.

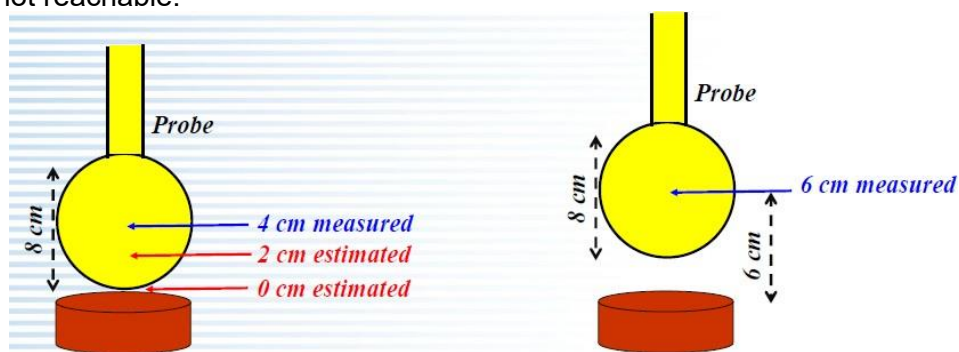
Notes: The EUT was setted to transmit continuously with the duty cycle of 100%.



5.4 Test results

For portable exposure condition: Note:

- (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, only show the data of worst case of 1% battery status of client device.
- (3) 20-2cm is the actual test value, and 0 cm, 2 cm, 4 cm is the estimated value.
- (4) Perform H-field/E-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.



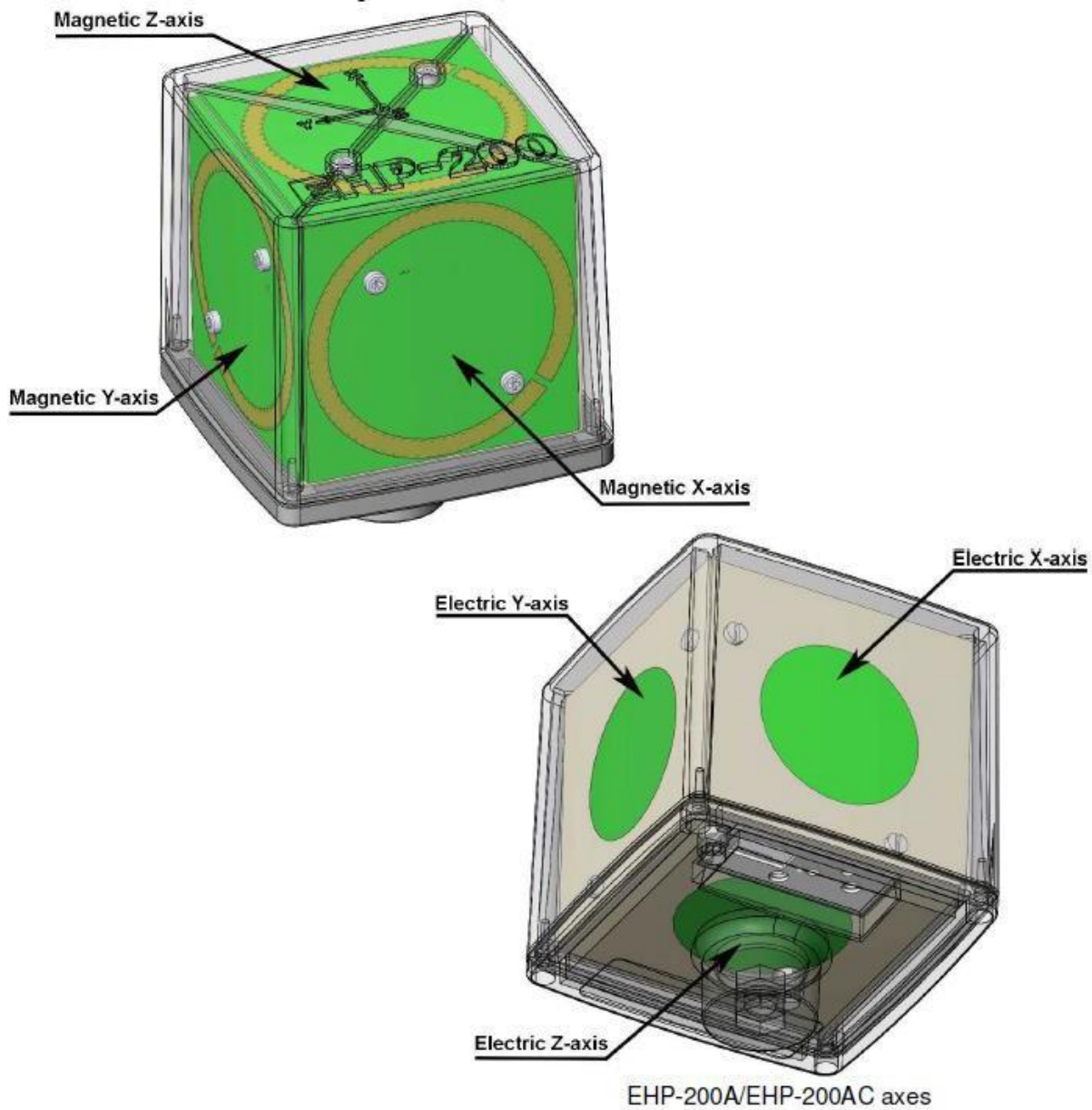
*Example of probe measurements in points close to the device surface:
estimates compared with measurements at 4 and 6 cm provide validation*

According to Calibration information and specification about EHP-200A, The Probe EHP-200A's sensitive elements center are 8mm below the external surface, and the dimensions is 92x92x109mm. so the actual 0cm field strengths need to be estimated for the positions that are not reachable. The Extrapolated Value Calculation Method please below). And the result of test distance 2cm~20cm was measured value.

Probe	Length	Width	Height
	109mm	92mm	92mm



Note: EUT is a loop/coil emitting structure, so E-field not required. Just recorded the H-field value.



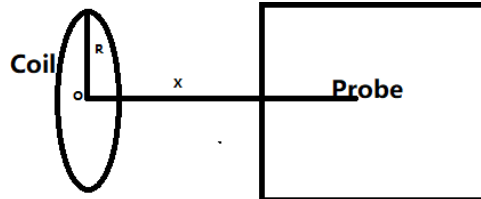
The sensitive elements are located approximately 8 mm below the external surface



(5) Estimated method for portable RF Exposure condition:

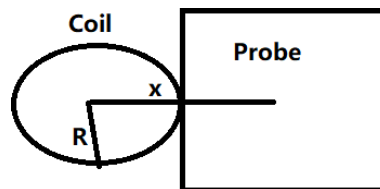
We use Biot-Savart formula theory to estimate the strength of the magnetic field that the measuring instrument cannot measure. According to Biot-Savart formula:

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: means H-field value;

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

I: A current element passing through a coil;

R: means the Radius of coil(According to provided Antenna specification: We can get the minimum $R=42/2=21\text{mm}=0.021\text{m}$);

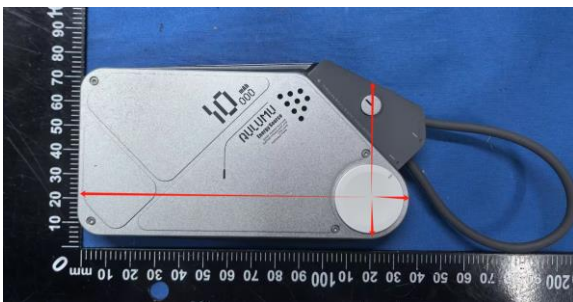
Test Distance: The distance from the sensing element of the probe to the edge of the device surface.

x: 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: $N=10$.



Transmitter to top: 3 ± 0.5 mm
Transmitter to Bottom: 5 ± 0.5 mm
Transmitter to Left: 32 ± 0.5 mm
Transmitter to Right: 32 ± 0.5 mm
Transmitter to Front: 32 ± 0.5 mm
Transmitter to Rear: 96 ± 0.5 mm



Transmitter to top: 3 ± 0.5 mm
Transmitter to Bottom: 5 ± 0.5 mm
Transmitter to Left: 52 ± 0.5 mm
Transmitter to Right: 15 ± 0.5 mm
Transmitter to Front: 15 ± 0.5 mm
Transmitter to Rear: 112 ± 0.5 mm

(6) For validation purposes: If the value to show a **30% agreement** between the mode and the (E- and/or H-field) probe measurements for the two closest points to the device surface, and with 2cm increments. Then this extrapolation method is reasonable.

Note: The percent ratio of agreement is the difference between the estimated and measured values divided by the average of the estimated and measured values.

**Validation:**

Magnetic Field Emissions(Mode 4)							
Test Distance(cm)	Top	Left	Right	Rear	Front	Bottom	Conclusion
	Unit: Agreement (%); H-field (A/m)						
Agreement -2cm	0.77	5.93	1.15	6.15	1.38	2.64	Compliance (Within 30%)
6cm(estimated)	0.1312	0.1412	0.1318	0.1415	0.1248	0.1245	
6cm(measured)	0.1302	0.1333	0.1303	0.1333	0.1231	0.1213	

Magnetic Field Emissions(Mode 4)							
Test Distance(cm)	Top	Left	Right	Rear	Front	Bottom	Conclusion
	Unit: Agreement (%); H-field (A/m)						
Agreement -2cm	0.45	4.76	0.38	5.18	0.41	1.81	Compliance (Within 30%)
8cm(estimated)	0.1334	0.1386	0.1308	0.1402	0.1238	0.1235	
8cm(measured)	0.1328	0.1323	0.1303	0.1333	0.1233	0.1213	

Magnetic Field Emissions(Mode 5)							
Test Distance(cm)	Top	Left	Right	Rear	Front	Bottom	Conclusion
	Unit: Agreement (%); H-field (A/m)						
Agreement -2cm	0.46	4.49	0.55	4.72	0.74	2.09	Compliance (Within 30%)
6cm(estimated)	0.1299	0.1373	0.1291	0.1376	0.1221	0.1219	
6cm(measured)	0.1293	0.1314	0.1284	0.1314	0.1212	0.1194	

Magnetic Field Emissions(Mode 5)							
Test Distance(cm)	Top	Left	Right	Rear	Front	Bottom	Conclusion
	Unit: Agreement (%); H-field (A/m)						
Agreement -2cm	0.15	4.06	0.08	4.41	0.16	1.26	Compliance (Within 30%)
8cm(estimated)	0.1311	0.1357	0.1285	0.1372	0.1216	0.1209	
8cm(measured)	0.1309	0.1304	0.1284	0.1314	0.1214	0.1194	



Test condition 1: Mode4 operating mode with client device (1 % battery status of client device)
-estimated value: 0cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	1.0246	1.63	69.93%
	Left	1.0351		
	Right	1.1398		
	Front	1.0213		
	Rear	0.9224		
	Bottom	0.5229		

Test condition 2: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance: 2cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.3446	1.63	21.14%
	Left	0.1254		
	Right	0.134		
	Front	0.1209		
	Rear	0.1324		
	Bottom	0.244		



Test condition 3: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 4cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.1359	1.63	8.34%
	Left	0.0143		
	Right	0.0322		
	Front	0.0381		
	Rear	0.0265		
	Bottom	0.0243		

Test condition 4: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 6cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0246	1.63	2.22%
	Left	0.0302		
	Right	0.0251		
	Front	0.034		
	Rear	0.0224		
	Bottom	0.0362		

Test condition 5: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 8cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0243	1.63	2.24%
	Left	0.0365		
	Right	0.0248		
	Front	0.0243		
	Rear	0.0259		
	Bottom	0.0328		



Test condition 6: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 10cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0216	1.63	2.70%
	Left	0.0219		
	Right	0.0346		
	Front	0.0351		
	Rear	0.044		
	Bottom	0.0309		

Test condition 7: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 12cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0265	1.63	1.63%
	Left	0.0243		
	Right	0.0159		
	Front	0.0254		
	Rear	0.0243		
	Bottom	0.0165		

Test condition 8: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 14cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0151	1.63	2.77%
	Left	0.0229		
	Right	0.0124		
	Front	0.044		
	Rear	0.0209		
	Bottom	0.0451		



Test condition 9: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 16cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0228	1.63	3.26%
	Left	0.047		
	Right	0.0265		
	Front	0.0348		
	Rear	0.0153		
	Bottom	0.0532		

Test condition 10: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 18cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0251	1.63	3.38%
	Left	0.0309		
	Right	0.0551		
	Front	0.0242		
	Rear	0.0403		
	Bottom	0.0404		

Test condition 11: Mode4 operating mode with client device (1 % battery status of client device)
- Test distance 20cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0359	1.63	2.82%
	Left	0.0228		
	Right	0.0243		
	Front	0.0459		
	Rear	0.0254		
	Bottom	0.027		



Test condition 1: Mode5 operating mode with client device (1 % battery status of client device)
-estimated value: 0cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	1.0215	1.63	62.99%
	Left	1.032		
	Right	1.0267		
	Front	1.0182		
	Rear	0.9193		
	Bottom	0.5198		

Test condition 2: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance: 2cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.2415	1.63	14.82%
	Left	0.1223		
	Right	0.1309		
	Front	0.1178		
	Rear	0.1293		
	Bottom	0.2409		



Test condition 3: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 4cm

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

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0328	1.63	2.01%
	Left	0.0112		
	Right	0.0291		
	Front	0.035		
	Rear	0.0234		
	Bottom	0.0212		

Test condition 4: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 6cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0215	1.63	1.9%
	Left	0.0271		
	Right	0.022		
	Front	0.0309		
	Rear	0.0193		
	Bottom	0.0331		

Test condition 5: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 8cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0212	1.63	2.05%
	Left	0.0334		
	Right	0.0217		
	Front	0.0212		
	Rear	0.0228		
	Bottom	0.0297		



Test condition 6: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 10cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0185	1.63	1.9%
	Left	0.0188		
	Right	0.0302		
	Front	0.0298		
	Rear	0.0309		
	Bottom	0.0278		

Test condition 7: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 12cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0294	1.63	1.8%
	Left	0.0212		
	Right	0.0128		
	Front	0.0223		
	Rear	0.0212		
	Bottom	0.0134		

Test condition 8: Mode5 operating mode with client device (1 % battery status of client device)
- Test distance 14cm

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.012	1.63	2.51%
	Left	0.0198		
	Right	0.0093		
	Front	0.0409		
	Rear	0.0178		
	Bottom	0.042		

**Test condition 9: Mode5 operating mode with client device (1 % battery status of client device)****- Test distance 16cm**

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0197	1.63	2.69%
	Left	0.0439		
	Right	0.0234		
	Front	0.0317		
	Rear	0.0122		
	Bottom	0.0401		

Test condition 10: Mode5 operating mode with client device (1 % battery status of client device)**- Test distance 18cm**

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.022	1.63	2.58%
	Left	0.0278		
	Right	0.042		
	Front	0.0211		
	Rear	0.0372		
	Bottom	0.0373		

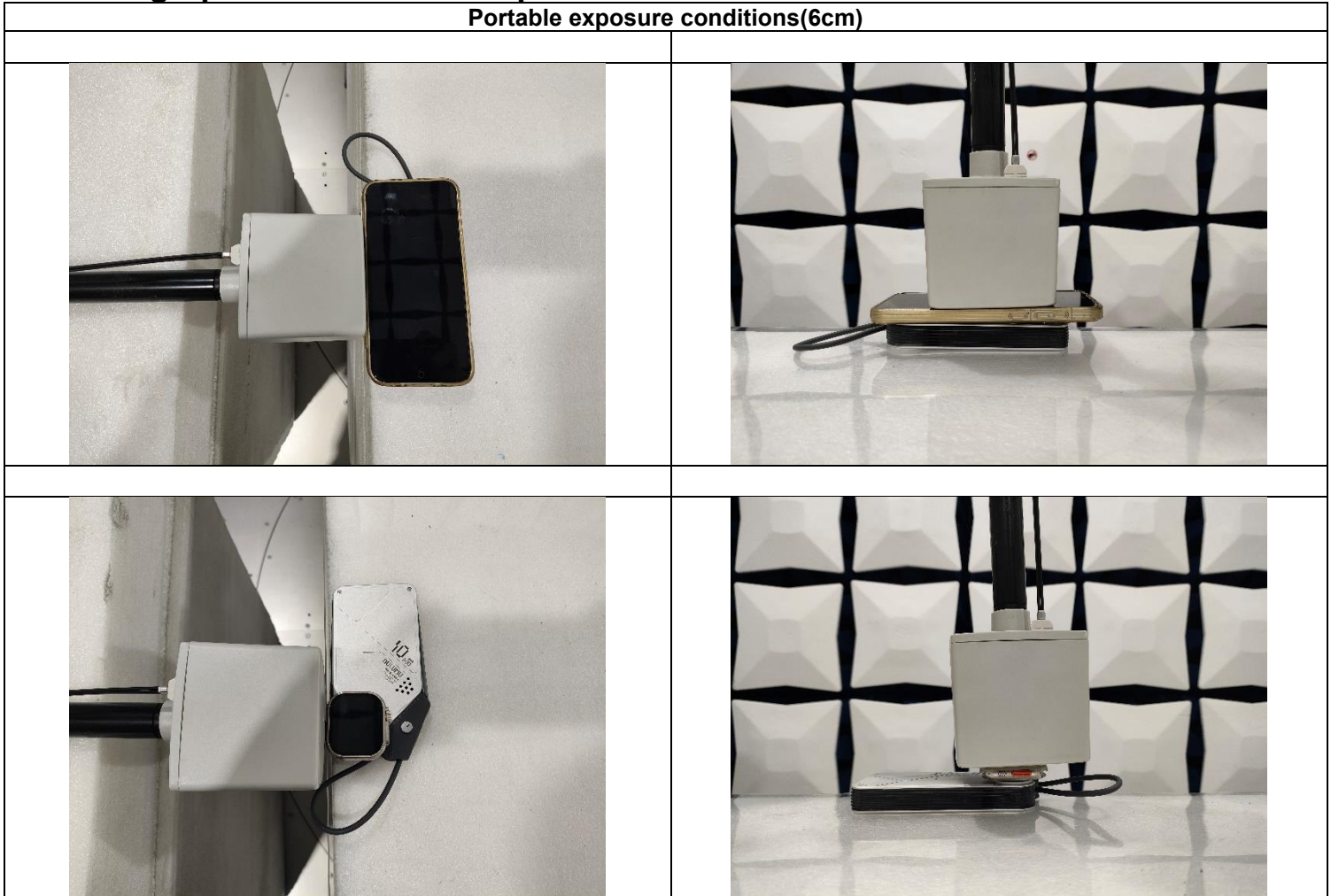
Test condition 11: Mode5 operating mode with client device (1 % battery status of client device)**- Test distance 20cm**

Antenna	Probe Position	H-field (A/m)		
		Measurement	Limit	Max. Percentage (%)
1	Z axis	0.0328	1.63	2.5%
	Left	0.0197		
	Right	0.0212		
	Front	0.0408		
	Rear	0.0223		
	Bottom	0.0239		



Photographs of the Test Setup

Portable exposure conditions(6cm)



Photographs of the EUT

See the Appendix - EUT Photos.

----End of Report----