



Report No.: 86260519245

Date: May 28, 2026

Page 1 of 13

RF TEST REPORT

Applicant : WOYC Korea

Address: E-1205, Digital Empire Building, 16, Deogyong-daero 1556, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea Post Code. 16690

Manufacturer: WOYC Korea

Address: E-1205, Digital Empire Building, 16, Deogyong-daero 1556, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea Post Code. 16690

EUT Name: ChargePod

Trade mark: /

Model: CP02

FCC ID: 2BQM6-CP02

Rating: Battery:5000mAh 19.25Wh/3.85V
Input:5V-3A/9V-2.22A/12V-1.67A
Wireless Charger Output:5W/7.5W10W/15W

Sample Received Date: May. 19, 2026

Test Date: May. 19, 2026~May. 27, 2026

Applicable Standards: CFR 47, FCC Part 2.1093

Test Result Pass

Prepared by:

Evan Fang

Evan Fang/Project Engineer

Approved by:

Bruce Zhang

Bruce Zhang/Technical Manager

HD Testing Technology (GuangDong) Co., Ltd.

Building 1, No.18, Shihuan Road, Dongcheng Subdistrict,

Dongguan, Guangdong, China

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Report No.: 86260519245
May 28, 2026
Page 2 of 13

Revision History

Version	Date of Issue	Description
V00	May 28, 2026	Original Version

HD Testing Technology (GuangDong) Co., Ltd.

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1. GENERAL INFORMATION

1.1. EUT DESCRIPTION

Product:	ChargePod
Test Model:	CP02
Additional Model:	N/A
Rating:	Battery:5000mAh 19.25Wh/3.85V Input:5V-3A/9V-2.22A/12V-1.67A Wireless Charger Output:5W/7.5W10W/15W
FCC ID:	2BQM6-CP02
Antenna Type:	Coil Antenna
Coil turns:	11Ts
Operation Frequency:	115-205kHz
Modulation Type:	ASK
Hardware Version:	V1.0
Software Version:	V1.0
Note: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2) Antenna gain was provided by the applicant/ manufacturer, and the applicant/ manufacturer is responsible for its validity. 3) The test results in the report only apply to the tested sample.	

1.2. 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.

No.	Equipment	Model	Serial No.	Manufacturer
1	Adapter	MDY-12-EH	/	MI
2	Wireless Charging Load	/	/	EESON

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1.3. Test Equipment List

Equipment	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Interval
Electromagnetic Radiation Analyzer	WAVECONTROL	SMP 160	KEYS-EL-287	Mar. 14, 2026	1 Year
EM Field probe	WAVECONTROL	WP400	KEYS-EL-288	Mar. 14, 2026	1 Year

1.4. Technical Specifications of test equipment

Test equipment: EM Field probe-WP400		
Sensor type: Isotropic patented electrodes		
	Electric Field	Magnetic Field
Frequency range:	1Hz-400kHz	1Hz-400kHz
Field Strength Mode		
Measurement range	1 V/m to 100 kV/m	50 nT- 30 mT @ 50 Hz 50 nT - 10 mT (100 Hz-10kHz) Upper range increases linearly with decreasing frequency below 100 Hz. Upper range decreases linearly with increasing frequency above 10 kHz.
Graphical display	RMS, Axis Values, AVG, MAX, MIN, PEAK, RMS time graph	
Peak value	digital realtime	digital realtime
Resolution	< 0.4 mV/m above	< 0.1 nT (at 50 Hz) and < 0.05 nT above 100 Hz
Noise level	< 1 V/m (10 Hz - 400 kHz)	< 50 nT (10 Hz – 400 kHz)
Weigthed Peak Method mode		
Measurement range	200 % (min)	200 % (min)
Graphical display	PEAK (%), AXIS VALUES (%), AVG (%), MAX (%), MIN (%), RMS (%), Time graph	
FFT Mode		
Measurement range	4 mV/m – 100 kV/m	0.5 nT -30 mT @ 50 Hz 0.5 nT -10 mT (100 Hz-10 kHz) Upper range increases linearly with decreasing frequency below 100 Hz.

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		Upper range decreases linearly with increasing frequency above 10 kHz.
Graphical display	Frequency analysis, total field and axis	
SPAN (Resolution)	400 Hz (1 Hz) - 4 kHz (10 Hz) - 40 kHz (100 Hz) - 400 kHz (1 kHz)	
Noise level	< 4 mV/m	< 0.5 nT
FFT	1024 point FFT	
General specifications		
Isotropy	± 5 %	± 4 %
Typical Uncertainty (1)	0.67 dB	0.60 dB
Temperature deviation [typ. At 50/60 Hz] (referred to 25 °C 50 % relative humidity)	- 0.005 dB/°C (- 15 °C to 40 °C)	- 0.003 dB/°C (- 15 °C to 25 °C) + 0.003 dB/°C (25 °C to 40 °C)
Damage level	> 200 kV/m	> 2000 mT up to 60 Hz Damage level decreases linearly with increasing frequency above 60 Hz
Linearity	± 1 % (typ.) ± 2 % (max.)	
Weight	220g	
Probe size	280 mm x 128 mm Ø	

Note: Total, counting isotropy, temperature deviation, resolution, frequency response, linearity, repeatability.

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1.5. Test Facility

HD Testing Technology (GuangDong) Co., Ltd.

Address: Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong, China

A2LA Certificate Number.:7547.01

FCC Designation Number:CN1419

FCC Test Firm Registration Number:361541

ISED Company Number:34332

ISED CAB identifier Number:CN0189

1.6. Measurement Uncertainty

Parameter	Uncertainty
Uncertainty for H-Field	± 2.39
Uncertainty for E-Field	± 2.45
Uncertainty for conducted RF Power	± 0.65
Uncertainty for temperature	$\pm 0.2^{\circ}\text{C}$
Uncertainty for humidity	$\pm 1\%$
Uncertainty for DC and low frequency voltages	$\pm 0.06\%$

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

1.7. Test Environment Condition

Ambient Temperature:	24~25°C
Ambient Relative Humidity:	55~60 %

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2. RF EXPOSURE EVALUATION

2.1. Requirement

Test Requirement:	FCC Rules and Regulations KDB680106 D01v04																																																																	
Test Method:	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 to KDB680106 D01: KDB 680106 D01 Wireless Power Transfer v04.																																																																	
Limit:	According to the item 3 of KDB 680106 D01v04: Accordingly, for § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively. For § 2.1093-Portable devices below 4 MHz and down to 100 kHz, the MPE limits in § 1.1310 (with the 300 kHz limit applicable all the way down to 100 kHz) can be used for the purpose of equipment authorization in lieu of SAR evaluations. <table><tr><th>Frequency range (MHz)</th><th>Electric field strength (V/m)</th><th>Magnetic field strength (A/m)</th><th>Power density (mW/cm²)</th><th>Averaging time (minutes)</th></tr><tr><td colspan="5">(A) Limits for Occupational/Controlled Exposures</td></tr><tr><td>0.3-3.0</td><td>614</td><td>1.63</td><td>*(100)</td><td>6</td></tr><tr><td>3.0-30</td><td>1842/f</td><td>4.89/f</td><td>*(900/f²)</td><td>6</td></tr><tr><td>30-300</td><td>61.4</td><td>0.163</td><td>1.0</td><td>6</td></tr><tr><td>300-1500</td><td>/</td><td>/</td><td>f/300</td><td>6</td></tr><tr><td>1500-100,000</td><td>/</td><td>/</td><td>5</td><td>6</td></tr><tr><td colspan="5">(B) Limits for General Population/Uncontrolled Exposure</td></tr><tr><td>0.3-1.34</td><td>614</td><td>1.63</td><td>*(100)</td><td>30</td></tr><tr><td>1.34-30</td><td>824/f</td><td>2.19/f</td><td>*(180/f²)</td><td>30</td></tr><tr><td>30-300</td><td>27.5</td><td>0.073</td><td>0.2</td><td>30</td></tr><tr><td>300-1500</td><td>/</td><td>/</td><td>f/1500</td><td>30</td></tr><tr><td>1500-100,000</td><td>/</td><td>/</td><td>1.0</td><td>30</td></tr></table> F=frequency in MHz *=Plane-wave equivalent power density RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).	Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)	(A) Limits for Occupational/Controlled Exposures					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	1500-100,000	/	/	5	6	(B) 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	1500-100,000	/	/	1.0	30
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)																																																														
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300-1500	/	/	f/300	6																																																														
1500-100,000	/	/	5	6																																																														
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300-1500	/	/	f/1500	30																																																														
1500-100,000	/	/	1.0	30																																																														
Test Setup	For mobile exposure conditions																																																																	

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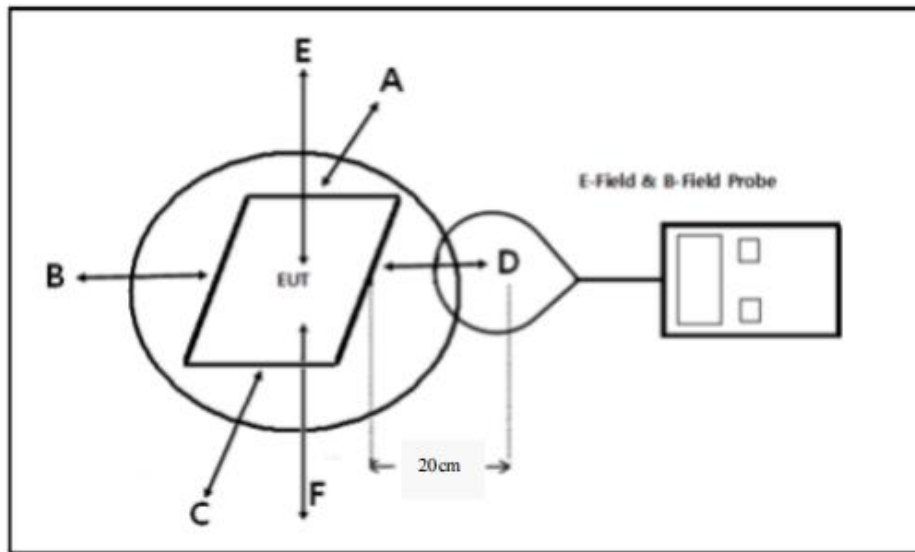
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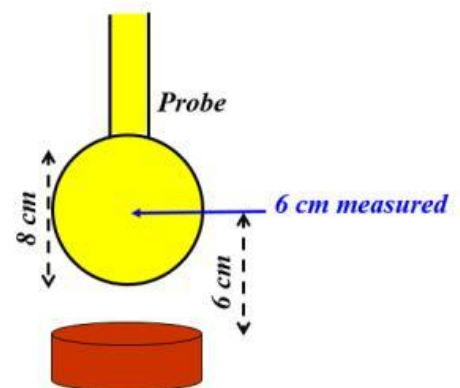
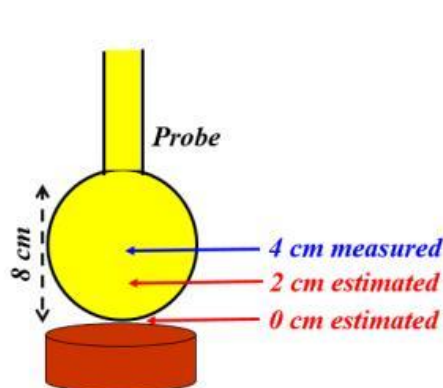
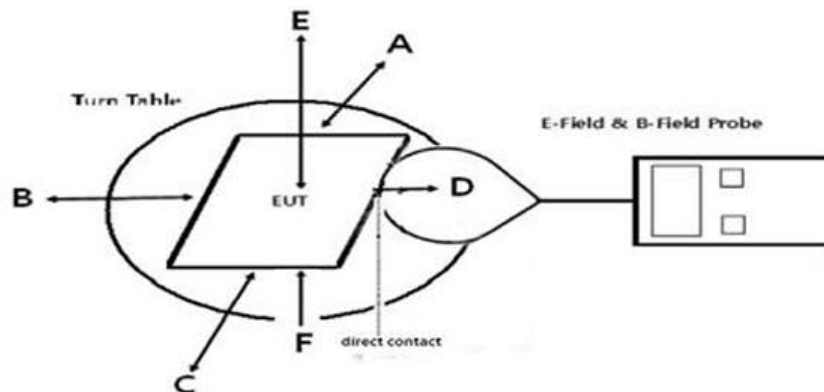
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For Portable exposure conditions:



Test Procedure:

1.The RF exposure test was performed in anechoic chamber.

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	2.The measurement probe was placed at test distance (8cm ~ 20cm) which is between the edge of the charger and the geometric center of probe. 3.The highest emission level was recorded and compared with limit as soon as measurement of each points (A,B.C.D.E,F) were completed. 4.The EUT was measured according to the dictates of KDB 680106 D01v04 5. According to the measurement data, the curve is fitted with the measured distance as the horizontal coordinate and the measured H-field or E- field as the vertical coordinate. The fitted curve needs to be validated through probe measurements for the two closest points to the device surface. The difference needs to be less than 30%. The H-field or E-field at 0cm is estimated from the fitted curve and compared with limit.
Test Mode:	Mode 1:Adapter(output 5V) + EUT+ Wireless Charging load (5W) Mode 2:Adapter(output 5V) + EUT+ Wireless Charging load (7.5W) Mode 3:Adapter(output 5V)+ EUT+ Wireless Charging load (10W) Mode 4:Adapter(output 5V)+ EUT+ Wireless Charging load (15W) Mode 5:Adapter(output 9V) + EUT+ Wireless Charging load (5W) Mode 6:Adapter(output 9V) + EUT+ Wireless Charging load (7.5W) Mode 7:Adapter(output 9V)+ EUT+ Wireless Charging load (10W) Mode 8:Adapter(output 9V)+ EUT+ Wireless Charging load (15W) Mode 9:Adapter(output 12V) + EUT+ Wireless Charging load (5W) Mode 10:Adapter(output 12V) + EUT+ Wireless Charging load (7.5W) Mode 11:Adapter(output 12V)+ EUT+ Wireless Charging load (10W) Mode 12:Adapter(output 12V)+ EUT+ Wireless Charging load (15W) Mode 13:EUT+ Wireless Charging load (5W) Mode 14:EUT+ Wireless Charging load (7.5W) Mode 15:EUT+ Wireless Charging load (10W) Mode 16:EUT+ Wireless Charging load (15W)
Test Result:	PASS

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2.2. Evaluation Result

The probe radius is 6.4 cm. Only the worse mode 12 was record in this report.

Note: All client power has been assessed (1%, 50%, 99%), and the 1% battery status of client device was the worst.

H-Filed Strength at 8-20cm from the edges surrounding the EUT.

Test Distance (cm)	Unit	Measured H-Field Strength Values (A/m)						Limit (A/m)	Result
		Position A	Position B	Position C	Position D	Position E	Position F		
8	uT	0.132	0.194	0.118	0.12	0.22	0.138	--	PASS
	A/m	0.106	0.155	0.094	0.096	0.176	0.110	1.63	PASS
10	uT	0.104	0.158	0.097	0.093	0.194	0.118	--	PASS
	A/m	0.083	0.126	0.078	0.074	0.155	0.094	1.63	PASS
12	uT	0.072	0.126	0.076	0.063	0.155	0.078	--	PASS
	A/m	0.058	0.101	0.061	0.050	0.124	0.062	1.63	PASS
14	uT	0.049	0.079	0.052	0.047	0.118	0.044	--	PASS
	A/m	0.039	0.063	0.042	0.038	0.094	0.035	1.63	PASS
16	uT	0.035	0.056	0.038	0.026	0.072	0.025	--	PASS
	A/m	0.028	0.045	0.030	0.021	0.072	0.023	1.63	PASS
18	uT	0.020	0.038	0.027	0.014	0.055	0.021	--	PASS
	A/m	0.016	0.030	0.022	0.011	0.044	0.017	1.63	PASS
20	uT	0.010	0.025	0.016	0.08	0.036	0.12	--	PASS
	A/m	0.008	0.020	0.013	0.064	0.029	0.096	1.63	PASS

Note: $A_m = uT / 1.25$

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E-Filed Strength at 8-20cm from the edges surrounding the EUT.

Test Distance (cm)	Measured E-Field Strength Values (V/m)						FCC E-Field Strength Limits (V/m)	Result
	Position A	Position B	Position C	Position D	Position E	Position F		
8	39.962	58.435	35.438	36.192	66.352	41.47	614	PASS
10	31.291	47.502	29.406	27.898	58.435	35.438	614	PASS
12	21.866	38.077	22.997	18.85	46.748	23.374	614	PASS
14	14.703	23.751	15.834	14.326	35.438	13.195	614	PASS
16	10.556	16.965	11.31	7.917	27.144	8.671	614	PASS
18	6.032	11.31	8.294	4.147	16.588	6.409	614	PASS
20	3.016	7.54	4.901	2.412	10.933	3.619	614	PASS

Note: V/m= A/m *377

Using Biot-Savart Law, the value of 8cm can be estimated through the test results of 10cm:

Agreement Ratio Distance:8cm

Test Position	Unit	Position A	Position B	Position C	Position D	Position E	Position F
Measure Value	A/m	0.106	0.155	0.094	0.096	0.176	0.110
Valuation (A/m)	A/m	0.98	0.138	0.099	0.102	0.165	0.101
Agreement Ratio	%	7.5	10.9	-5.1	-5.9	5.1	8.1
Limit	%	30	30	30	30	30	30
Test result	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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Using Biot-Savart Law, the value of 10cm can be estimated through the test results of 12cm:

H-Filed

Agreement Ratio Distance:10cm

Test Position	Unit	Position A	Position B	Position C	Position D	Position E	Position F
Measure Value	A/m	0.083	0.126	0.078	0.074	0.155	0.094
Valuation (A/m)	A/m	0.077	0.115	0.07	0.079	0.151	0.083
Agreement Ratio	%	7.2	8.7	10.3	-0.067	2.6	11.7
Limit	%	30	30	30	30	30	30
Test result	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Due to the physical size of the E/H-field probe (radius = 6.4 cm), measurement points closer than 6 cm from the device surface cannot be directly measured and are therefore obtained by numerical modeling.

As the model is sufficient, the value of 6cm can be estimated through the results of 8 cm,the value of 4cm can be estimated through the results of 6 cm, the value of 2cm can be estimated through the results of 4 cm,the value of 0cm can be estimated through the results of 2 cm.

Test Distance (cm)	Unit	Measured H-Field Strength Values (A/m)						Limit (A/m)	Result
		Position A	Position B	Position C	Position D	Position E	Position F		
0	A/m	0.253	0.305	0.252	0.273	0.341	0.308	1.63	PASS
2	A/m	0.215	0.277	0.211	0.226	0.291	0.269	1.63	PASS
4	A/m	0.172	0.243	0.176	0.194	0.247	0.227	1.63	PASS
6	A/m	0.140	0.208	0.135	0.151	0.238	0.179	1.63	PASS

Note:Biot-Savart Law

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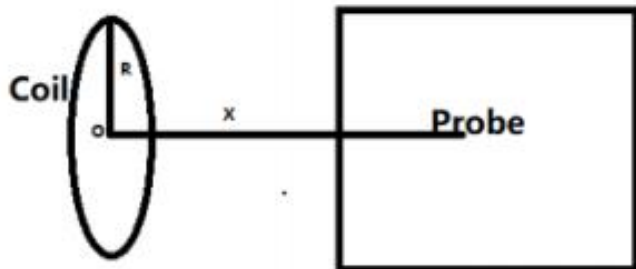
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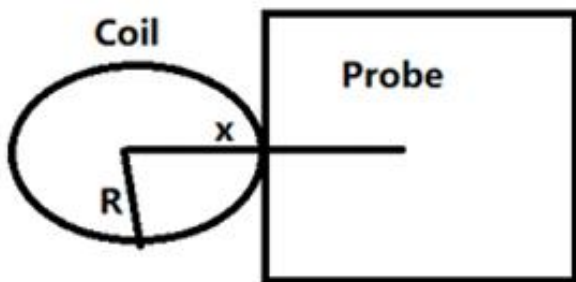
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Top & Bottom Side:



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

Front, left, right & rear Side:



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

2.3. EUT Test Photo

For photographs of the test set-up, refer to the appendix file.(Test Setup Photo)

*** End of Report ***

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