

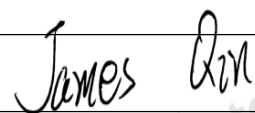
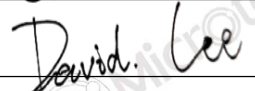
Test Report

Report No. : MTi260408002-0102E2
Date of issue : 2026-04-23
Applicant : Shenzhen Huagon Technology Co.,Ltd
Product : Car Wireless charger for 4Runner
Model(s) : WCH4R01
FCC ID : 2BKOL-WCH4R01

Shenzhen Microtest Co., Ltd.

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Test Result Certification		
Applicant	Shenzhen Huagon Technology Co.,Ltd	
Applicant Address	6 floor,Building A,WeiHuada Industrial Park,No.5 Lirong Road, Xinshi community, Dalang street, Longhua District, shenzhen, China	
Manufacturer	Shenzhen Huagon Technology Co.,Ltd	
Manufacturer Address	6 floor,Building A,WeiHuada Industrial Park,No.5 Lirong Road, Xinshi community, Dalang street, Longhua District, shenzhen, China	
Factory	Shenzhen Huagon Technology Co.,Ltd	
Factory Address	6 floor,Building A,WeiHuada Industrial Park,No.5 Lirong Road, Xinshi community, Dalang street, Longhua District, shenzhen, China	
Product description		
Product name	Car Wireless charger for 4Runner	
Trademark	Mt Misión	
Model name	WCH4R01	
Series Model(s)	N/A	
Standards	FCC CFR 47 PART 1, § 1.1310 FCC CFR 47 Part 2.1091	
Test method	KDB 680106 D01 Wireless Power Transfer v04	
Testing Information		
Date of test	2026-04-17 to 2026-04-20	
Test Result	Pass	
Prepared by:	James Qin	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1 General Description

1.1 Description of the EUT

Product name:	Car Wireless charger for 4Runner
Model name:	WCH4R01
Series Model(s):	N/A
Model difference:	N/A
Electrical rating:	Input: DC 12V/ 4A Wireless Output: 5W/ 7.5W/ 10W/ 15W
Accessories:	N/A
Hardware version:	V1
Software version:	V1
Test sample(s) number:	MTi260408002-01-R001
RF specification:	
Operation frequency:	115-205kHz
Modulation type:	ASK
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 Output Coil1(5W)+Coil3(5W)
Mode2	Wireless Output Coil1(5W)+Coil3(7.5W)
Mode3	Wireless Output Coil1(5W)+Coil3(10W)
Mode4	Wireless Output Coil1(5W)+Coil3(15W)
Mode5	Wireless Output Coil1(7.5W)+Coil3(5W)
Mode6	Wireless Output Coil1(7.5W)+Coil3(7.5W)
Mode7	Wireless Output Coil1(7.5W)+Coil3(10W)
Mode8	Wireless Output Coil1(7.5W)+Coil3(15W)
Mode9	Wireless Output Coil1(10W)+Coil3(5W)
Mode10	Wireless Output Coil1(10W)+Coil3(7.5W)
Mode11	Wireless Output Coil1(10W)+Coil3(10W)
Mode12	Wireless Output Coil1(10W)+Coil3(15W)
Mode13	Wireless Output Coil1(15W)+Coil3(5W)
Mode14	Wireless Output Coil1(15W)+Coil3(7.5W)
Mode15	Wireless Output Coil1(15W)+Coil3(10W)
Mode16	Wireless Output Coil1(15W)+Coil3(15W)
Mode17	Wireless Output Coil1(5W)+Coil4(5W)

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Mode18	Wireless Output Coil1(5W)+Coil4(7.5W)
Mode19	Wireless Output Coil1(5W)+Coil4(10W)
Mode20	Wireless Output Coil1(5W)+Coil4(15W)
Mode21	Wireless Output Coil1(7.5W)+Coil4(5W)
Mode22	Wireless Output Coil1(7.5W)+Coil4(7.5W)
Mode23	Wireless Output Coil1(7.5W)+Coil4(10W)
Mode24	Wireless Output Coil1(7.5W)+Coil4(15W)
Mode25	Wireless Output Coil1(10W)+Coil4(5W)
Mode26	Wireless Output Coil1(10W)+Coil4(7.5W)
Mode27	Wireless Output Coil1(10W)+Coil4(10W)
Mode28	Wireless Output Coil1(10W)+Coil4(15W)
Mode29	Wireless Output Coil1(15W)+Coil4(5W)
Mode30	Wireless Output Coil1(15W)+Coil4(7.5W)
Mode31	Wireless Output Coil1(15W)+Coil4(10W)
Mode32	Wireless Output Coil1(15W)+Coil4(15W)
Mode33	Wireless Output Coil2(5W)+Coil3(5W)
Mode34	Wireless Output Coil2(5W)+Coil3(7.5W)
Mode35	Wireless Output Coil2(5W)+Coil3(10W)
Mode36	Wireless Output Coil2(5W)+Coil3(15W)
Mode37	Wireless Output Coil2(7.5W)+Coil3(5W)
Mode38	Wireless Output Coil2(7.5W)+Coil3(7.5W)
Mode39	Wireless Output Coil2(7.5W)+Coil3(10W)
Mode40	Wireless Output Coil2(7.5W)+Coil3(15W)
Mode41	Wireless Output Coil2(10W)+Coil3(5W)
Mode42	Wireless Output Coil2(10W)+Coil3(7.5W)
Mode43	Wireless Output Coil2(10W)+Coil3(10W)
Mode44	Wireless Output Coil2(10W)+Coil3(15W)
Mode45	Wireless Output Coil2(15W)+Coil3(5W)
Mode46	Wireless Output Coil2(15W)+Coil3(7.5W)
Mode47	Wireless Output Coil2(15W)+Coil3(10W)
Mode48	Wireless Output Coil2(15W)+Coil3(15W)
Mode49	Wireless Output Coil2(5W)+Coil4(5W)
Mode50	Wireless Output Coil2(5W)+Coil4(7.5W)
Mode51	Wireless Output Coil2(5W)+Coil4(10W)
Mode52	Wireless Output Coil2(5W)+Coil4(15W)
Mode53	Wireless Output Coil2(7.5W)+Coil4(5W)
Mode54	Wireless Output Coil2(7.5W)+Coil4(7.5W)
Mode55	Wireless Output Coil2(7.5W)+Coil4(10W)
Mode56	Wireless Output Coil2(7.5W)+Coil4(15W)

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Mode57	Wireless Output Coil2(10W)+Coil4(5W)
Mode58	Wireless Output Coil2(10W)+Coil4(7.5W)
Mode59	Wireless Output Coil2(10W)+Coil4(10W)
Mode60	Wireless Output Coil2(10W)+Coil4(15W)
Mode61	Wireless Output Coil2(15W)+Coil4(5W)
Mode62	Wireless Output Coil2(15W)+Coil4(7.5W)
Mode63	Wireless Output Coil2(15W)+Coil4(10W)
Mode64	Wireless Output Coil2(15W)+Coil4(15W)
Mode65	Wireless Output Coil1(5W)
Mode66	Wireless Output Coil1(7.5W)
Mode67	Wireless Output Coil1(10W)
Mode68	Wireless Output Coil1(15W)
Mode69	Wireless Output Coil2(5W)
Mode70	Wireless Output Coil2(7.5W)
Mode71	Wireless Output Coil2(10W)
Mode72	Wireless Output Coil2(15W)
Mode73	Wireless Output Coil3(5W)
Mode74	Wireless Output Coil3(7.5W)
Mode75	Wireless Output Coil3(10W)
Mode76	Wireless Output Coil3(15W)
Mode77	Wireless Output Coil4(5W)
Mode78	Wireless Output Coil4(7.5W)
Mode79	Wireless Output Coil4(10W)
Mode80	Wireless Output Coil4(15W)
Mode81	Stand by

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
Accumulator	55D23LX	/	CAMEL
Moible Phone	Find X3	Bf6e6b3b	OPPO
Support cable list			
Description	Length (m)	From	To
/	/	/	/

2 Measurement uncertainty

Parameter	Expanded Uncertainty
Magnetic field measurements(3kHz~10MHz)	$\pm 14.8\%$
Electric field measurements(3kHz~10MHz)	$\pm 17.5\%$

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 Microtest Co., Ltd.
Test site location:	101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573

4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
MTI-E143	Near-field Electric and Magnetic Field Sensor System	SPEAG	MAGPy-8H3 D+E3D	3101	2024/3/12	2027/3/11

No.	Equipment	Manufacturer	Model	Software version:	Cal. date	Cal. Due
MTI-E016S	MPE test software	SPEAG	MAGPY 2.6	2.6	/	/

5 Test result

5.1.1 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

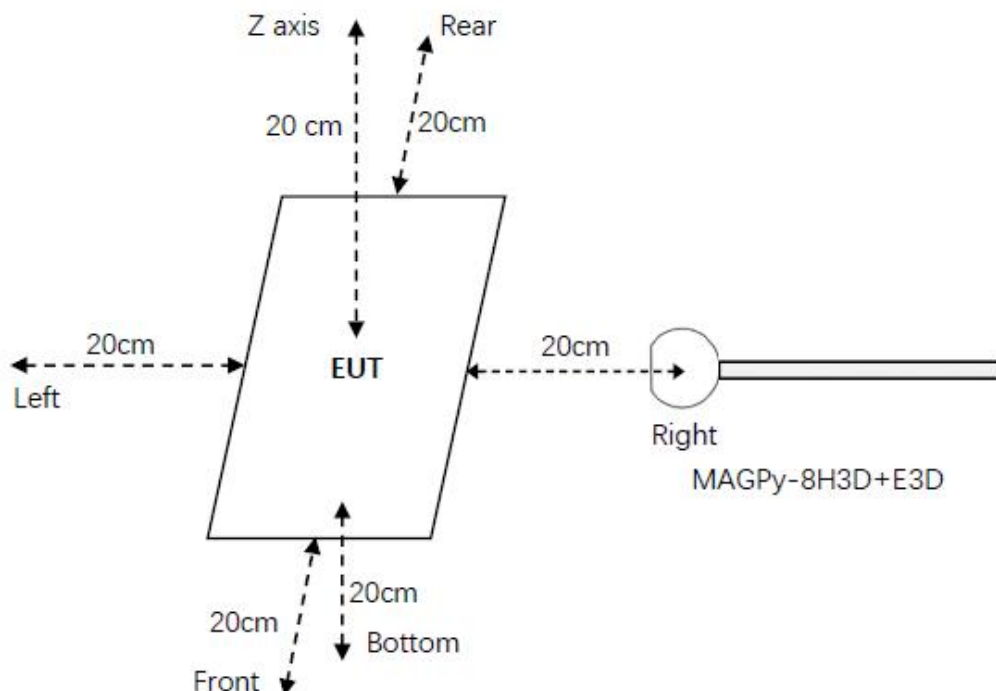
f = frequency in MHz

* = 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



5.3 Test Procedures

- The RF exposure test was performed in anechoic chamber.
- E and H-field measurements should be made with these devices considered to meet the § 2.1091-Mobile conditions ("generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and [the nearest person]").
- The highest emission level was recorded and compared with limit.
- The EUT was measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

5.4 Information of test equipment

Test equipment: MAGPy-8H3D+E3D	
Diameter	60mm
8 isotropic H-field sensors	Concentric loops of 1cm ² arranged at the corner of a cube of 22mm side length
1 isotropic E-field sensor	Orthogonal dipole/monopole (arm length: 50mm)
Measurement center	18.5mm from the probe tip
Dimensions	110*635*35mm (MAGPy-8H3D+E3D V2 & MAGPy-DAS V2)
	
Test probe, without the casing	

Item	Specification
Test frequency range:	3kHz ~ 10MHz
Probe sensitivity	E-field: 0.08-2000 V/m H-field: 0.1-3200 A/m
Probe level response	E-field: ±1dB H-field: ±1dB
linearity error	E-field: ±0.3dB H-field: ±0.3dB
Isotropy	E-field: ±0.8dB H-field: ±0.6dB

5.5 Test results

Test condition 1: Mode 16 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.85	614	0.77%	0.08	1.63	4.91%
Bottom	3.24			0.08		
Left	4.62			0.07		
Right	3.77			0.08		
Front	4.71			0.08		
Back	2.97			0.07		

Test condition 2: Mode 16 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Top	2.78	614	0.75%	0.07	1.63	5.52%
Bottom	3.25			0.09		
Left	4.56			0.08		
Right	3.71			0.07		
Front	4.62			0.06		
Back	2.89			0.06		

Test condition 3: Mode 16 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.87	614	0.78%	0.07	1.63	5.52%
Bottom	3.25			0.09		
Left	4.66			0.08		
Right	3.67			0.07		
Front	4.76			0.06		
Back	2.92			0.08		

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Test condition 1: Mode 32 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.82	614	0.76%	0.07	1.63	4.91%
Bottom	3.21			0.08		
Left	4.61			0.07		
Right	3.73			0.08		
Front	4.68			0.08		
Back	2.94			0.07		

Test condition 2: Mode 32 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Top	2.79	614	0.75%	0.07	1.63	5.21%
Bottom	3.23			0.08		
Left	4.58			0.08		
Right	3.69			0.07		
Front	4.65			0.07		
Back	2.91			0.06		

Test condition 3: Mode 32 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.85	614	0.77%	0.08	1.63	5.15%
Bottom	3.27			0.09		
Left	4.66			0.07		
Right	3.75			0.07		
Front	4.72			0.07		
Back	2.96			0.08		

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Test condition 1: Mode 48 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.76	614	0.74%	0.06	1.63	4.60%
Bottom	3.17			0.08		
Left	4.53			0.07		
Right	3.64			0.07		
Front	4.59			0.07		
Back	2.85			0.06		

Test condition 2: Mode 48 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Top	2.73	614	0.73%	0.07	1.63	5.09%
Bottom	3.15			0.08		
Left	4.5			0.08		
Right	3.61			0.07		
Front	4.56			0.06		
Back	2.83			0.06		

Test condition 3: Mode 48 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.79	614	0.75%	0.07	1.63	5.21%
Bottom	3.2			0.09		
Left	4.57			0.07		
Right	3.67			0.07		
Front	4.63			0.06		
Back	2.89			0.07		

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Test condition 1: Mode 64 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.9	614	0.79%	0.08	1.63	5.15%
Bottom	3.31			0.09		
Left	4.73			0.08		
Right	3.81			0.07		
Front	4.82			0.07		
Back	3			0.08		

Test condition 2: Mode 64 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Top	2.87	614	0.78%	0.07	1.63	5.52%
Bottom	3.28			0.09		
Left	4.69			0.08		
Right	3.77			0.07		
Front	4.78			0.06		
Back	2.97			0.06		

Test condition 3: Mode 64 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Top	2.93	614	0.80%	0.08	1.63	5.52%
Bottom	3.33			0.09		
Left	4.77			0.08		
Right	3.83			0.07		
Front	4.86			0.06		
Back	3.03			0.08		

Photographs of the Test Setup

See the Appendix - Test Setup Photos.

Photographs of the EUT

See the Appendix - EUT Photos.

Statement

1. This report is invalid without the seal and signature of the laboratory.
2. The test results of this report are only responsible for the samples submitted. Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

***** END OF REPORT *****