

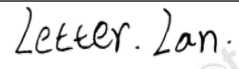
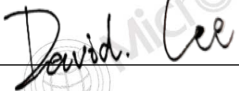
Test Report

Report No. : MTi260728023-0108E2
Date of issue : 2026-09-20
Applicant : Acer Gadget Inc.
Product : Wireless Charging Station
Model(s) : S5
FCC ID : 2A2P5-S5

Shenzhen Microtest Co., Ltd.

Table of contents

1. General Description	4
1.1 Description of the EUT	4
1.2 Description of test modes	4
1.3 Description of support units	7
1.4 Measurement uncertainty	7
2. Test facilities and accreditations	8
2.1 Test laboratory	8
3. List of test equipment	9
4. Test result	10
4.1 Requirement	10
4.2 Test setup	11
4.3 Test Procedures	11
4.4 Information of test equipment	12
4.5 Test results	13
Photographs of the Test Setup	15
Photographs of the EUT	16

Test Result Certification		
Applicant	Acer Gadget Inc.	
Applicant Address	24F., No.112, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei city 221, Taiwan	
Manufacturer	HK Linghan Technology Co., Limited	
Manufacturer Address	Room 803B, 8/F., West Coast International Building, 290-296 Un Chau Street, Cheung Sha Wan, Kowloon, Hong Kong	
Factory	Shenzhen Mgctech Co.,Ltd.	
Factory Address	No.12, Fusheng Road, Pinghu Fuchengao Street. Longgang District, Shenzhen, China.	
Product description		
Product name	Wireless Charging Station	
Trademark		
Model name	S5	
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	2026-08-07 to 2026-09-20	
Test Result	Pass	
Prepared by:	Letter Lan	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1. General Description

1.1 Description of the EUT

Product name:	Wireless Charging Station
Model name:	S5
Series Model(s):	N/A
Model difference:	N/A
Electrical rating:	USB-C Input: 15V= 3A USB-C Output: 5V= 1A USB-C Cable Output: 5V= 2A, 9V= 2.22A USB-C+ USB-C Cable Output: 25W Max Total Output: Max. 30W (For Input DC 15V) Wireless Output1(For Phone): 25W Max Wireless Output2(For Phone): 7.5W Max Wireless Output2(For Earbuds): 3W Max Wireless Output3(For Watch): 3W Max
Accessories:	Cable: Type-C to Type-C Cable 1.2m Adapter: Model: XY-2532-C Input: 110-240VAC 50/60Hz 1.2A Output: USB-C: 5V=3A, 9V=3A, 12V=3A, 15V=3A, 20V=2.25A
Hardware version:	S5-V1.0-20260703
Software version:	S5_CV90370_MPP25W 双充_20260707-DF80.hex
Test sample(s) number:	MTi260728023-01-R001
RF specification	
Operating frequency range:	Coil 1 Phone : 115-205kHz (5W, 7.5W, 10W) Coil 1 Phone : 360kHz (15W, 25W) Coil 2 Earbuds: 115-205kHz (3W) Coil 2 Phone: 115-205kHz (7.5W) Coil 3 Apple Watch: 300-350kHz Coil 3 Sunsang Watch: 115-205kHz
Modulation type:	ASK
Antenna(s) 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: Phone(5W)+Phone(7.5W)+Apple Watch(3W)
Mode2	Wireless Output: Phone(7.5W)+Phone(7.5W)+Apple Watch(3W)

TEST REPORT

Report No.: MTi260728023-0108E2

Mode3	Wireless Output: Phone(10W)+Phone(7.5W)+Apple Watch(3W)
Mode4	Wireless Output: Phone(15W MPP)+Phone(7.5W)+Apple Watch(3W)
Mode5	Wireless Output: Phone(5W)+Earbuds(3W)+Apple Watch(3W)
Mode6	Wireless Output: Phone(7.5W)+Earbuds(3W)+Apple Watch(3W)
Mode7	Wireless Output: Phone(10W)+Earbuds(3W)+Apple Watch(3W)
Mode8	Wireless Output: Phone(15W MPP)+Earbuds(3W)+Apple Watch(3W)
Mode9	Wireless Output: Phone(25W)+Earbuds(3W)+Apple Watch(3W)
Mode10	Wireless Output: Phone(5W)+Phone(7.5W)+Sunsang Watch(2.5W)
Mode11	Wireless Output: Phone(7.5W)+Phone(7.5W)+Sunsang Watch(2.5W)
Mode12	Wireless Output: Phone(10W)+Phone(7.5W)+Sunsang Watch(2.5W)
Mode13	Wireless Output: Phone(15W MPP)+Phone(7.5W)+Sunsang Watch(2.5W)
Mode14	Wireless Output: Phone(5W)+Earbuds(3W)+Sunsang Watch(2.5W)
Mode15	Wireless Output: Phone(7.5W)+Earbuds(3W)+Sunsang Watch(2.5W)
Mode16	Wireless Output: Phone(10W)+ Earbuds(3W)+Sunsang Watch(2.5W)
Mode17	Wireless Output: Phone(15W MPP)+Phone(5W)+Sunsang Watch(2.5W)
Mode18	Wireless Output: Phone(25W)+Earbuds(3W)+Sunsang Watch(2.5W)
Mode19	Wireless Output: Phone(5W)+Phone(7.5W)
Mode20	Wireless Output: Phone(7.5W)+Phone(7.5W)
Mode21	Wireless Output: Phone(10W)+Phone(7.5W)
Mode22	Wireless Output: Phone(15W MPP)+Phone(7.5W)
Mode23	Wireless Output: Phone(5W)+Earbuds(3W)
Mode24	Wireless Output: Phone(7.5W)+Earbuds(3W)
Mode25	Wireless Output: Phone(10W)+Earbuds(3W)
Mode26	Wireless Output: Phone(15W MPP)+Earbuds(3W)
Mode27	Wireless Output: Phone(25W)+Earbuds(3W)
Mode28	Wireless Output: Phone(5W)+ Apple Watch(3W)
Mode29	Wireless Output: Phone(7.5W)+ Apple Watch(3W)
Mode30	Wireless Output: Phone(10W)+Apple Watch(3W)
Mode31	Wireless Output: Phone(15W MPP) +Apple Watch(3W)
Mode32	Wireless Output: Phone(5W) +Apple Watch(3W)
Mode33	Wireless Output: Phone(7.5W)+ Apple Watch(3W)
Mode34	Wireless Output: Phone(10W) +Apple Watch(3W)
Mode35	Wireless Output: Phone(15W MPP) +Apple Watch(3W)
Mode36	Wireless Output: Phone(25W) +Apple Watch(3W)
Mode37	Earbuds(3W)+Apple Watch(3W)

TEST REPORT

Report No.: MTi260728023-0108E2

Mode38	Phone(7.5W)+Apple Watch(3W)
Mode39	Earbuds(3W)+Sunsang Watch(2.5W)
Mode40	Phone(7.5W)+Sunsang Watch(2.5W)
Mode41	Wireless Output: Phone(5W)+Sunsang Watch(2.5W)
Mode42	Wireless Output: Phone(7.5W)+Sunsang Watch(2.5W)
Mode43	Wireless Output: Phone(10W)+Sunsang Watch(2.5W)
Mode44	Wireless Output: Phone(15W MPP)+Sunsang Watch(2.5W)
Mode45	Wireless Output: Phone(5W)+Sunsang Watch(2.5W)
Mode46	Wireless Output: Phone(7.5W)+Sunsang Watch(2.5W)
Mode47	Wireless Output: Phone(10W)+Sunsang Watch(2.5W)
Mode48	Wireless Output: Phone(15W MPP)+Sunsang Watch(2.5W)
Mode49	Wireless Output: Phone(25W)+Sunsang Watch(2.5W)
Mode50	Wireless Output: Phone(5W)
Mode51	Wireless Output: Phone(7.5W)
Mode52	Wireless Output: Phone(10W)
Mode53	Wireless Output: Phone(15W MPP)
Mode54	Wireless Output: Phone(25W)
Mode55	Earbuds(3W)
Mode56	Earbuds(7.5W)
Mode57	Sunsang Watch(2.5W)
Mode58	Apple Watch(3W)
Mode59	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
Galaxy Watch	SM-R900	RFAW41VXJVJ	Samsung
Moible Phone	Find X3	Bf6e6b3b	OPPO
Mobile phone	iPhone 16 pro max	JMJJ7C5G6Y	Apple
Earbuds Case	AirPods	MJHFCQP1QM	Apple
watch	watch S7	M0JVGQG1VP	Apple
Support cable list			
Description	Length (m)	From	To
/	/	/	/

1.4 Measurement uncertainty

Parameter	Expanded Uncertainty
Magnetic field measurements(3kHz~10MHz)	$\pm 0.7\text{dB}$
Electric field measurements(3kHz~10MHz)	$\pm 1.06\text{dB}$

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

2. Test facilities and accreditations**2.1 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

3. 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	2025/09/25	2026/09/24

No.	Equipment	Manufacturer	Model	Software version:	Cal. date	Cal. Due
MTI-E016S	MPE test software	SPEAG	MAGPY 2.8	2.8	/	/

4. Test result

4.1 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

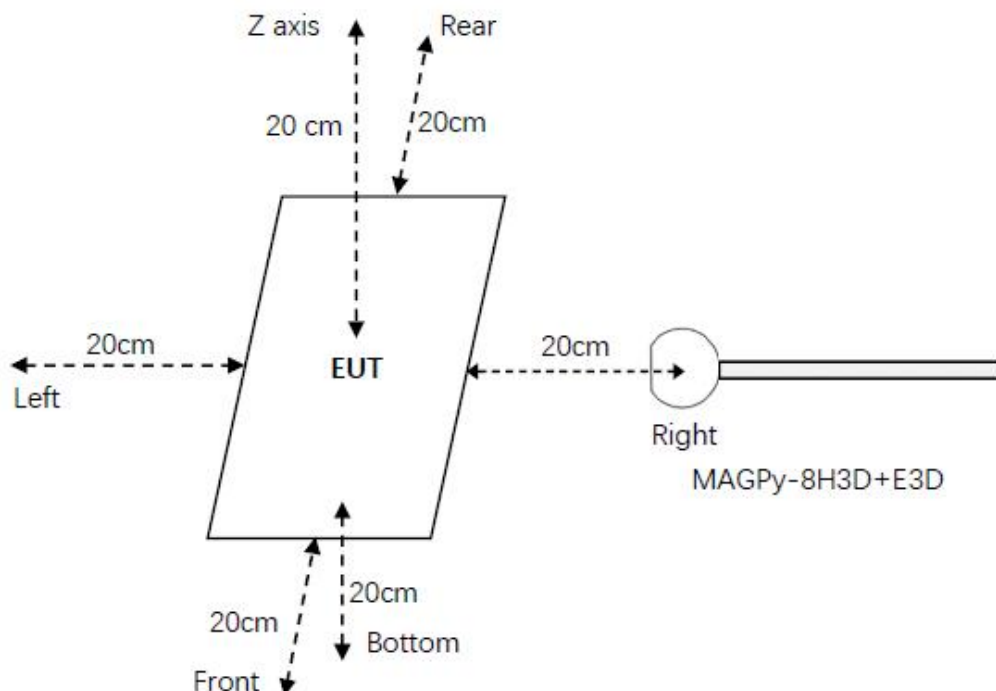
f = frequency in MHz

* = 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.

4.2 Test setup



4.3 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.

4.4 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

4.5 Test results

Test condition 1: Mode 9 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	0.54	614.00	0.14%	0.008	1.63	0.49%
Bottom	0.78			0.007		
Left	0.86			0.008		
Right	0.47			0.008		
Front	0.81			0.008		
Back	0.88			0.008		

Test condition 2: Mode 9 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	0.486	614.00	0.13%	0.007	1.63	0.55%
Bottom	0.702			0.007		
Left	0.774			0.008		
Right	0.423			0.009		
Front	0.729			0.008		
Back	0.792			0.008		

Test condition 3: Mode 9 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	0.583	614.00	0.15%	0.01	1.63	0.61%
Bottom	0.842			0.007		
Left	0.929			0.008		
Right	0.508			0.009		
Front	0.875			0.008		
Back	0.950			0.008		

TEST REPORT

Report No.: MTi260728023-0108E2

Test condition 1: Mode 3 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	0.72	614.00	0.13%	0.02	1.63	1.23%
Bottom	0.74			0.02		
Left	0.66			0.02		
Right	0.49			0.02		
Front	0.71			0.02		
Back	0.82			0.01		

Test condition 2: Mode 3 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	0.65	614.00	0.12%	0.02	1.63	1.23%
Bottom	0.67			0.01		
Left	0.59			0.02		
Right	0.44			0.01		
Front	0.64			0.02		
Back	0.74			0.01		

Test condition 3: Mode 3 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	0.78	614.00	0.14%	0.02	1.63	1.84%
Bottom	0.80			0.03		
Left	0.71			0.02		
Right	0.53			0.01		
Front	0.77			0.02		
Back	0.89			0.01		

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 *****