



RF EXPOSURE REPORT

Applicant	:	mophie LLC
Address of Applicant	:	6244 Technology Ave. Kalamazoo, MI 49009, UnitedStates of America.
Manufacturer	:	mophie LLC
Address of Manufacturer	:	6244 Technology Ave. Kalamazoo, MI 49009, UnitedStates of America.
Equipment under Test	:	mophie Powerstation Wireless Slim with Stand
Model No.	:	PS-Qi2-5K-STND
FCC ID	:	2ACWB-5KSTND26
Test Standard(s)	:	FCC CFR 47 part1, 1.1307(b), 1.1310; KDB680106 DR03-44118
Report No.	:	DDT-RE26060916-1E02
Issue Date	:	2026/09/20
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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We Declare:
The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE26060916-1E02		
Date of Receipt:	2026/08/14	Date of Test:	2026/08/14~2026/09/11

Created: Zeng Zhongyao	Reviewed: Zoe Peng	Approved: Damon Hu
		
2026/09/11	2026/09/20	2026/09/20

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2026/09/20	Damon Hu

1. General Test Information

1.1. Description of EUT

EUT Name	: mophie Powerstation Wireless Slim with Stand
Model Number	: PS-Qi2-5K-STND
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: Battery: 3.85V, 5000mAh, 19.25Wh Input (USB-C): 5V=3A, 9V=2A, 18W Max Output: (USB-C): 5V=3A, 9V=2.22A, 12V=1.67A 20W Max Magnetic Wireless Output: MPP 15W Max Total output: 15W Max
Hardware Version	: V1.3
Software Version	: V1.0
Wireless charging operation frequency	: 110.5KHz-205KHz, 360KHz
Antenna Type	: Inductive loop coil antenna

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual.

1.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
Phone	N/A	N/A	N/A

1.3. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

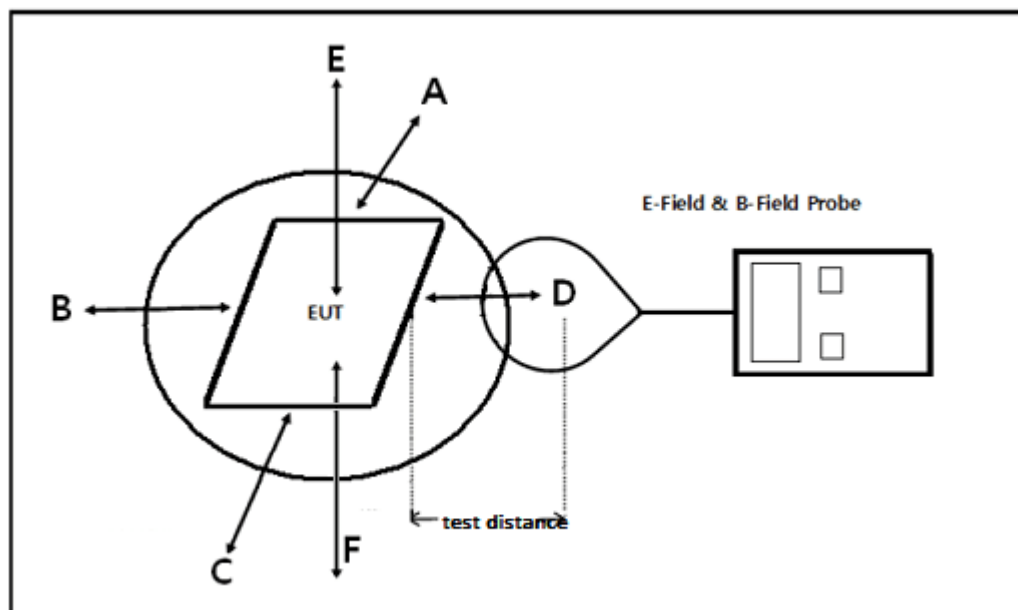
VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2. RF Exposure evaluation for FCC

2.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC04773	2027/01/11

2.2. Block diagram of test setup



2.3. Limits

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 §2.1091 RF exposure is calculated.

According KDB 680106 D01: RF Exposure Wireless Charging Apps v03r01.

TABLE 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)
(A) 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
300-1,500			f/300	6
1,500-100,000			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
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

2.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Phone	N/A	N/A	N/A	N/A

2.5. Test procedure

- The RF exposure test was performed in shielded chamber.
- The measurement probe was placed at test distance (0cm, 2cm, 4cm, 6cm, 8cm, 10cm, 20 cm) which is between the edge of the charger and the geometric centre of probe.
- The measurement probe used to search of highest strength.
- 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.
- The EUT were measured according to the dictates of KDB 680106 D01 RF Exposure Wireless Charging App v03r01.

Equipment approval considerations:

The EUT does comply with section 5 b) of KDB 680106 D01 RF Exposure Wireless Charging App v03r01.

(1) Power transfer frequency is less than 1 MHz.

Yes; the device operates in the frequency range from 110.5 kHz - 360 kHz

(2) Output power from each primary coil is less than or equal to 15 watts

Yes; the maximum output power of the primary coil is 15 W.

(3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.

Yes.

(4) Client device is placed directly in contact with the transmitter.

Yes.

(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

Yes; the EUT is a Mobile device.

(6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.

Yes; EUT was evaluated as above.

2.6. Test result

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	3.5021	2.7093	2.3757	43.5	0.4746	0.4637	0.4860	2.5
B	2.7313	2.2333	2.3932	43.5	0.6589	0.6583	0.5899	2.5
C	6.8767	6.1776	5.4603	43.5	0.2763	0.2809	0.2499	2.5
D	2.9927	2.5784	2.4754	43.5	0.6650	0.6667	0.6665	2.5
E	7.8142	7.9676	7.8870	43.5	0.2191	0.2090	0.2090	2.5
F	13.465	13.727	12.719	43.5	0.1415	0.0983	0.0938	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 0cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.4172	0.4032	0.3727	43.5	0.2634	0.2694	0.2635	2.5
B	0.4874	0.4762	0.4574	43.5	0.2762	0.2352	0.2065	2.5
C	1.1181	1.1338	1.0666	43.5	0.2030	0.2137	0.1957	2.5
D	0.4296	0.4816	0.3977	43.5	0.5532	0.4923	0.5014	2.5
E	4.5815	4.1093	3.9805	43.5	0.1702	0.1961	0.2089	2.5
F	7.0988	6.1276	5.5345	43.5	0.0820	0.0833	0.0784	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 2cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.3459	0.3248	0.3168	43.5	0.1359	0.1404	0.1350	2.5
B	0.4086	0.3937	0.3959	43.5	0.1062	0.1085	0.0969	2.5
C	0.7981	0.7573	0.7191	43.5	0.1648	0.1603	0.1673	2.5
D	0.4545	0.3977	0.3821	43.5	0.2642	0.2626	0.2667	2.5
E	2.2021	2.3296	2.0176	43.5	0.1420	0.1270	0.1087	2.5
F	2.1795	2.1035	2.0355	43.5	0.0835	0.0787	0.0730	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 4cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.3160	0.3377	0.3070	43.5	0.0981	0.0867	0.0928	2.5
B	0.4801	0.4344	0.3853	43.5	0.0758	0.0821	0.0807	2.5
C	0.4619	0.4419	0.4411	43.5	0.0944	0.0867	0.0878	2.5
D	0.3909	0.3580	0.3300	43.5	0.2078	0.1609	0.1546	2.5
E	1.3205	1.2650	1.1671	43.5	0.0602	0.0690	0.0779	2.5
F	1.1428	1.0844	1.0437	43.5	0.0597	0.0562	0.0560	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 6cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.3221	0.3160	0.3078	43.5	0.0783	0.0723	0.0834	2.5
B	0.3413	0.3202	0.3105	43.5	0.0607	0.0589	0.0567	2.5
C	0.4896	0.3766	0.3730	43.5	0.0741	0.0677	0.0616	2.5
D	0.3766	0.3566	0.3494	43.5	0.0981	0.0899	0.0955	2.5
E	0.7611	0.7587	0.7370	43.5	0.0543	0.0562	0.0547	2.5
F	0.7469	0.7088	0.6791	43.5	0.0563	0.0548	0.0581	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 8cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.3078	0.3078	0.3300	43.5	0.0543	0.0560	0.0543	2.5
B	0.3808	0.3834	0.3834	43.5	0.0560	0.0562	0.0580	2.5
C	0.3221	0.3168	0.3160	43.5	0.0543	0.0595	0.0560	2.5
D	0.3834	0.3651	0.3487	43.5	0.0560	0.0656	0.0560	2.5
E	0.5130	0.4811	0.4566	43.5	0.0547	0.0578	0.0560	2.5
F	0.5575	0.4834	0.4347	43.5	0.0560	0.0543	0.0543	2.5

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 10cm.

Operation Mode:	Charge with mobile phone				Test Power Supply			
Test Position	Probe Measure Result (V/m)			Limits (V/m)	Probe Measure Result (A/m)			Limits (A/m)
	10% charge	50% charge	90% charge		10% charge	50% charge	90% charge	
A	0.3175	0.3078	0.3384	307	0.0563	0.0563	0.0567	0.815
B	0.3160	0.3086	0.3070	307	0.0547	0.0543	0.0560	0.815
C	0.3384	0.3251	0.3078	307	0.0581	0.0554	0.0560	0.815
D	0.3160	0.3255	0.3221	307	0.0560	0.0560	0.0560	0.815
E	0.3160	0.3175	0.3078	307	0.0567	0.0543	0.0562	0.815
F	0.3300	0.3300	0.3086	307	0.0560	0.0562	0.0563	0.815

Note: Mobile phone has been charge at zero charge, intermediate charge, and full charge with iphone mobile phone 20cm.

The distance from the probe measuring point to the EUT surface is 2mm
(Estimated value) = 2cm (actual value) * 4cm (actual value) / 6cm (actual value)
According to the following table, when we backward derivation 0cm, it should be 13.539(V/m), with a deviation from the actual test value of 0.55%.

Measure Result V/m			
0cm	2cm	4cm	6cm
13.465	7.0988	2.1795	1.1428

According to the following table, when we backward derivation 0cm, it should be 0.7033(A/m), with a deviation from the actual test value of 5.77%.

Measure Result A/m			
0cm	2cm	4cm	6cm
0.6650	0.5532	0.2642	0.2078

4. Photos of the EUT

Please refer to DDT-Q26060916-1E appendix I

-----End Report-----