

FCC 47 CFR MPE REPORT

mophie LLC

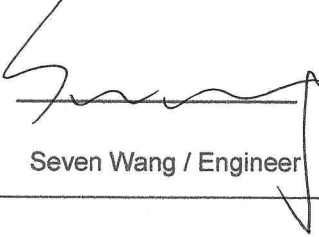
mophie 3-in-1 Wireless Charge Stand

Model Number: WRLS-3IN1-QI2-STND-2025

FCC ID: 2ACWB-3N12025

Applicant:	mophie LLC
Address:	6244 Technology Ave. Kalamazoo, MI49009,
	United States of America.
Prepared By:	EST Technology Co., Ltd.
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
Tel: 86-769-83081888-808	

Report Number:	ESTE-R2509107
Date of Test:	Aug. 28, 2025 ~ Sep. 08, 2025
Date of Report:	Sep. 11, 2025

Applicant:	mophie LLC		
Address:	6244 Technology Ave. Kalamazoo, MI49009, United States of America.		
Manufacturer:	mophie LLC		
Address:	6244 Technology Ave. Kalamazoo, MI49009, United States of America.		
E.U.T:	mophie 3-in-1 Wireless Charge Stand		
Model Number:	WRLS-3IN1-QI2-STND-2025		
Power Supply:	Input: 5V===3A, 9V===3A, 12V===3A, 15V===2.66A Output: Qi2.0 module 15W Max, AirPods 5W Max, IWatch Module 3.5W Max		
Trade Name:	mophie	Serial No.:	-----
Date of Receipt:	Aug. 28, 2025	Date of Test:	Aug. 28, 2025 ~ Sep. 08, 2025
Test Specification:	FCC CFR 47 Part 1.1307(b)&1.1310 KDB 680106 D01 RF Exposure Wireless Charging Apps v04r01		
Test Result:	The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC CFR 47 Part 1.1307(b)&1.1310 requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd.		
Date: Sep. 29, 2025			
Prepared by:  Zephyr Zhu / Assistant		Reviewed by:  Seven Wang / Engineer	
		Approved by:  Iceman Hu / Manager	
Other Aspects:			
None.			
Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested			
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 EST Technology Co., Ltd.			

1. Summary of test

1.1. Summary of test result

No.	Description of Test Item	FCC Standard Section	Results
1	Maximum Permissible Exposure	Part 1.1307(b)&1.1310	PASS

1.2. Test Mode

Test Item	Test Mode	
Maximum Permissible Exposure	Phone: 15W+Airpods 5W+iWatch 3.5W	Full load
		Half load
		No load
	Phone: 15W	Full load
		Half load
	Airpods 5W	Full load
		Half load
	iWatch 3.5W	Full load
		Half load
Note: All modes have been tested. The report only reflects the worst case of 15W+5W+3.5W full load test data.		

1.3. Test Equipment List

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Electric and Magnetic Field Probe-Analyzer	Narda S.T.S./PMM	EHP-200A	EST-E106	June 10,25	June 9,26
Test Software	Narda	EHP200-TS	Rel 1.92	N/A	N/A
Note: Test uncertainty: ± 1.62 dB (H-field); ± 1.64 dB (E-field) at a level of confidence of 95%.					

1.4. Assistant equipment used for test

Item	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
A	Adapter	-	CHG-WALL-PD-40W	-	-
B	Wireless load 1	-	CPS4041_MPP_RX	-	-
	Wireless load 2	-	CPS510ATZ	-	-
	Wireless load 3	-	A2771	-	-

Item	Shielded Type	Ferrite Core	Length	Model Name/Type No.	Note
1	NO	NO	1.5m	-	Type-C Cable

2. Maximum Permissible Exposure

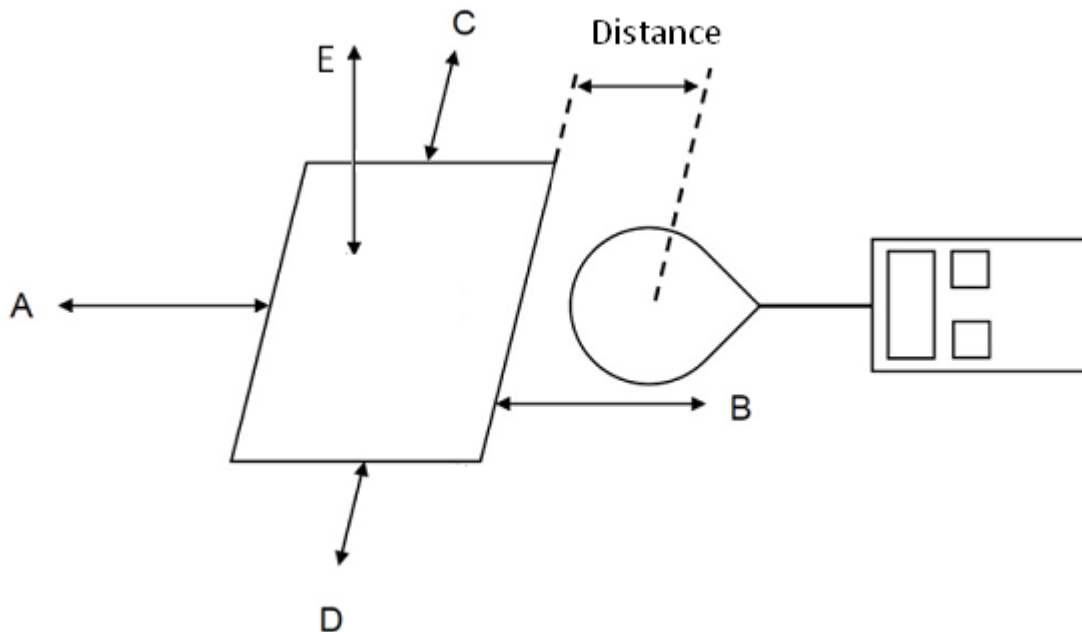
2.1. Limit

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

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

2.2. Test Setup



2.3. Test Procedure

- The test was performed on 360 degree turn table in anechoic chamber.
- The probe was placed at 20 cm surrounding, for test setup.
- The highest emission level was recorded and compared with limit as soon as measurement of each point; A, B, C, D, E were completed.

2.4. Test Result for Test setup :

E-field strength											
Frequency range (KHz)	110.5~205kHz & 326.5kHz & 360kHz & 1.778MHz										
Test Mode	0W	5W Airpods	5W Phone	7.5W Phone	10W Phone	15W Phone	3.5W IWatch	5W Phone +5W AirPods +3.5W IWatch	7.5W Phone +5W AirPods +3.5W IWatch	10W Phone +5W AirPods +3.5W IWatch	15W Phone +5W AirPods +3.5W IWatch
Position A(V/m)	0.365	0.345	7.451	6.151	4.461	5.164	2.965	8.458	8.124	13.448	14.211
Position B(V/m)	0.395	0.370	5.234	4.682	3.314	4.951	3.261	7.124	6.148	11.595	10.130
Position C(V/m)	0.345	0.417	4.481	5.919	3.513	6.321	4.165	6.482	6.468	9.750	11.965
Position D(V/m)	0.354	0.397	6.192	7.148	6.811	4.591	3.152	8.158	7.569	12.466	9.268
Position E(V/m)	0.369	0.375	8.847	8.941	8.618	5.641	4.454	11.945	9.487	16.148	11.654
Limits (V/m)	614										

H-field strength											
Frequency range (KHz)	110.5~205kHz & 326.5kHz & 360kHz & 1.778MHz										
Test Mode	0W	5W Airpods	5W Phone	7.5W Phone	10W Phone	15W Phone	3.5W IWatch	5W Phone +5W AirPods +3.5W IWatch	7.5W Phone +5W AirPods +3.5W IWatch	10W Phone +5W AirPods +3.5W IWatch	15W Phone +5W AirPods +3.5W IWatch
Position A(A/m)	0.036	0.044	0.108	0.165	0.365	0.941	0.385	0.971	0.246	1.052	1.012
Position B(A/m)	0.042	0.053	0.294	0.265	0.156	0.815	0.255	0.455	0.397	0.997	0.897
Position C(A/m)	0.035	0.042	0.187	0.149	0.214	0.648	0.365	0.870	0.189	0.870	0.984
Position D(A/m)	0.035	0.037	0.265	0.298	0.354	0.458	0.454	0.891	0.348	0.978	1.045
Position E(A/m)	0.034	0.046	0.584	0.645	0.451	0.584	0.401	1.054	0.987	1.015	1.159
Limits (A/m)	1.630										

3. Test photo

Position A



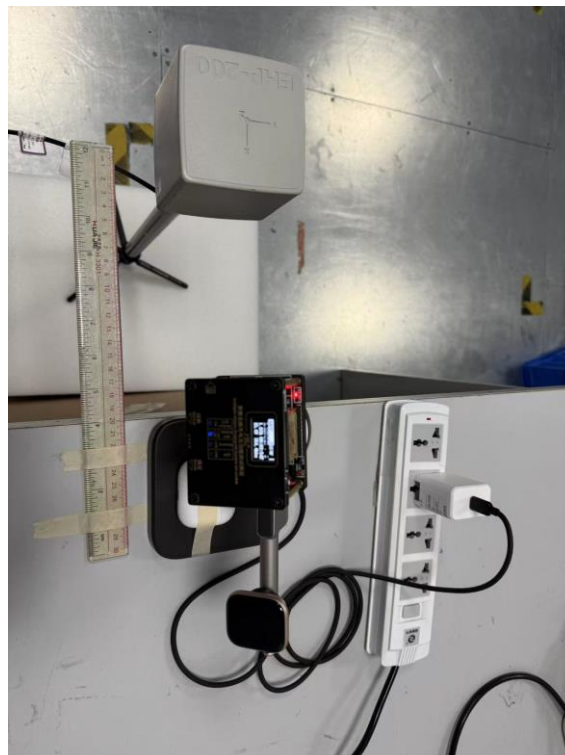
Position B



Position C



Position D



Position E



End of Test Report