



Product Name:	3-IN-1 FOLDABLE WIRELESS CHARGING STATION WITH MIRROR
Product Model No.:	CTC-QIS23-199, QIS23-035-7459-6
Model Difference	All models are identical to each other except for model name and color. All tests are performed on model CTC-QIS23-199
Transmitting mode	Keep the EUT in continuously wireless charging mode
Power supply:	Input:5V/3A, 9V/2A
Output:	Output #1 (iPhone): 5W / 7.5W / 10W / 15W Output #2 (Airpods): 5W Output #3 (Apple Watch): 2.5W
Operation frequency :	110.5-205KHz for iPhone and Airpods 320-330kHz for Apple Watch
Antenna Type:	Coil Antenna

Test Modes:

Mode 1	EUT Wireless charging(iPhone:5W+Airpods:5W+Apple Watch:2.5W)
Mode 2	EUT Wireless charging(iPhone:5W+Airpods:5W)
Mode 3	EUT Wireless charging(iPhone:5W+ Apple Watch:2.5W)
Mode 4	EUT Wireless charging(Airpods:5W+Apple Watch:2.5W)
Mode 5	EUT Wireless charging(iPhone:15W)
Mode 6	EUT Wireless charging(iPhone:10W)
Mode 7	EUT Wireless charging(iPhone:7.5W)
Mode 8	EUT Wireless charging(iPhone:5W)
Mode 9	EUT Wireless charging(Airpods:5W)
Mode 10	EUT Wireless charging(Apple Watch:2.5W)

Note: All test modes were pre-tested, but we only recorded the worst case (Mode 1) in this report.

Auxiliary Equipment:

Description	Manufacturer	Model No.	S/N	Remark
Adapter	APPLE	A2244	F1625031EBDPMG9DK	/
Phone	APPLE	iPhone 13	/	/
AirPods	APPLE	AirPods 2	/	
iWatch	APPLE	iWatch 5	/	

RF Exposure Evaluation

1 Measuring Standard

KDB 680106 D01 Wireless Power Transfer v04

2 Requirements

According to the item 5 of KDB 680106 D01 v04:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

Limits

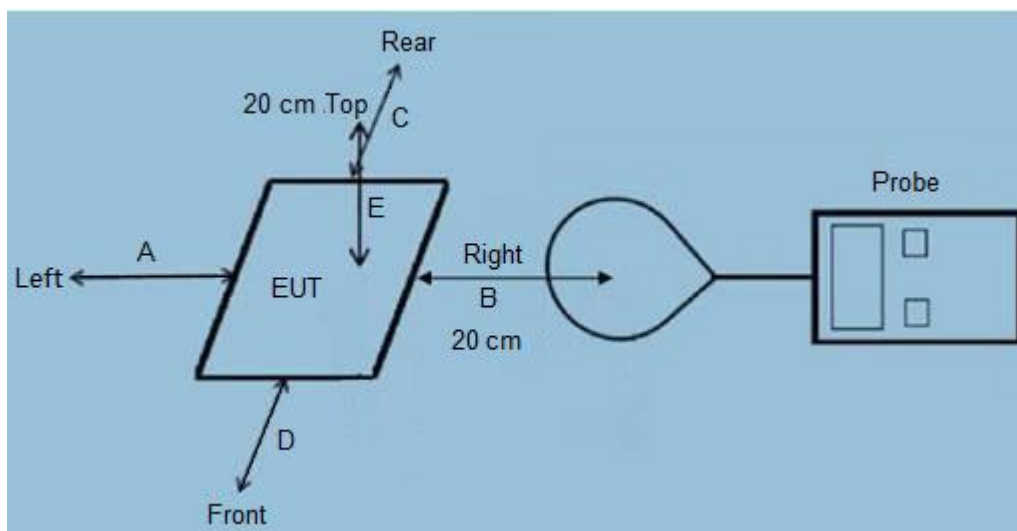
The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

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 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

F=frequency in MHz
 E=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).

3 Test Setup





4 Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (15 cm from all sides and 20 cm from the top) 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) were completed.
- 4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

Remark: The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

5 Test Instruments list

Test Equipment	Manufacturer	Model No.	SN.	Cal.Date	Cal.Due date
Exposure Level Tester	HIOKI	HIOKI-3470-01	071016320	Dec. 31 2025	Dec. 30 2026
100 cm ² Magnetic Field Sensor	HIOKI	100cm ² sensor	0376-B1	Dec. 31 2025	Dec. 30 2026

6 Test Result

E-Filed Strength at 20 cm from the edges surrounding the EUT (V/m)

Test Mode	Test Position A	Test Position B	Test Position C	Test Position D	Limits (V/m)
Mode 1	2.78	2.65	2.63	2.58	614

E-Filed Strength at 20 cm from the top of the EUT (V/m)

Test Mode	Test Position E	Limits (V/m)
Mode 1	2.51	614

H-Filed Strength at 20 cm from the edges surrounding the EUT (A/m)

Test Mode	Test Position A	Test Position B	Test Position C	Test Position D	Limits (A/m)
Mode 1	0.34	0.12	0.38	0.49	1.63

H-Filed Strength at 20 cm from the top of the EUT (A/m)

Test Mode	Test Position E	Limits (A/m)
Mode 1	0.26	1.63

Note: The EUT of 1%, 50%, 99% have test, the worst case (Mode 1: 1%) recorded in this report.