



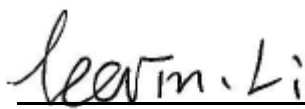
RF Exposure Report

Applicant	: Otter Products, LLC.
Address	: 209 South Meldrum, Fort Collins, Colorado, CO 80521, United States
Manufacturer	: Protop International Inc.
Address	: 10F-8, No.237, Sec.,1, Datong Rd.,Xizhi Dist., New Taipei City 22161, Taiwan
Factory	: SOHAN VIETNAM TECHNOLOGY CO.,LTD
Address	: Lot No. 17 A-2 Que Vo 3industrial Park-Phu Luong Commune – Que Vo District Bac Ninh Province, Vietnam
Equipment	: 3-in-1 Charging Stand
Model No.	: OBFTC-0202-A, 77-000785, 77-000786
Trade Name	: OTTERBOX
Date of Sample Receipt	: Feb. 06, 2026
Date(s) of Test	: Mar. 02, 2026~Mar. 03, 2026
FCC ID	: 2AEEV-OBFTC-0202A
Standard	: FCC CFR 47 part1, 1.1310 KDB680106 D01v04

I HEREBY CERTIFY THAT:

The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:



Leevin Li / Supervisor



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History of this test report

Version No.	Report No	Date	Description
Rev.01	25040556-DRFCC01	Mar. 05, 2026	Initial Issue



1. Test Configuration of Equipment under Test

1.1. Feature of Equipment under Test

Product	3-in-1 Charging Stand
Model No.	OBFTC-0202-A, 77-000785, 77-000786
Model Discrepancy	All models are identical to each other except the model name and appearance color. OBFTC-0202-A is the representative for the final test.
Frequency Range	Wireless Output 1: BPP: 120~148.5kHz; MPP: 360kHz Wireless Output 2: 111~147kHz Wireless Output 3 (Apple Watch): 326.5kHz and 1.778MHz
Modulation Type	Wireless Output 1: ASK Wireless Output 2: ASK Wireless Output 3: ASK
Antenna Type	Coil Antenna
Power Rating	Power Input: 15.0V $\overline{\text{---}}$ 3.0A, 45.0W MAX Wireless Output 1: 10.0W (MAX)/BPP; 25.0W (MAX)/MPP Wireless Output 2: 5.0W (MAX)/Qi BPP Wireless Output 3: 5.0W (MAX)/Apple Watch
Temperature	Operating Temp: 0°C~+25°C Storage Temp: -20°C~+60°C

Note: For more details, please refer to the User's manual of the EUT.

1.2. Test Mode and Test Software

Test Mode	Operating Description
Mode 1	Wireless Charging for Wireless 1(Standby mode) +Wireless 2(Standby mode) + Wireless 3(Standby mode)
Mode 2	Wireless Charging for Wireless 1(25W for Wireless Load, Operating @360kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)
Mode 3	Wireless Charging for Wireless 1(25W for Wireless Load, Operating @360kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 7, Operating @1.778MHz)
Mode 4	Wireless Charging for Wireless 1(10W for Wireless Load, Operating @120~148.5kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)
Mode 5	Wireless Charging for Wireless 1(25W for Wireless Load, Operating @360kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)
Worst test Mode	
Mode 1	Wireless Charging for Wireless 1(Standby mode) +Wireless 2(Standby mode) + Wireless 3(Standby mode)
Mode 2	Wireless Charging for Wireless 1(25W for Wireless Load, Operating @360kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)
Mode 4	Wireless Charging for Wireless 1(10W for Wireless Load, Operating @120~148.5kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)

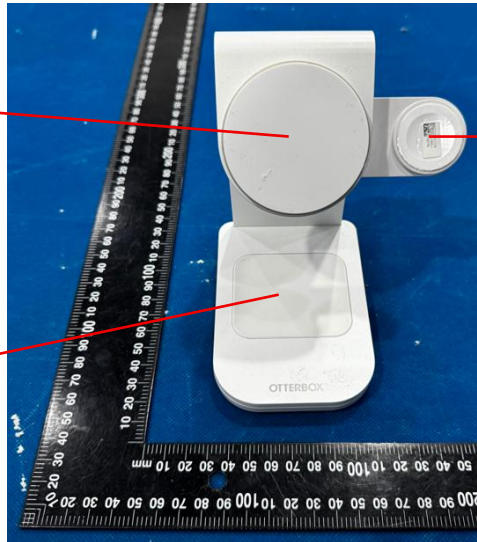


Note: 1) For mode 2, 4, The Apple Watch were respectively evaluation Low, medium and high charge status evaluation.

2) The EUT Has three coils, the specific location is shown below:

Wireless Output 1
for iPhone

Wireless Output 2
for AirPods

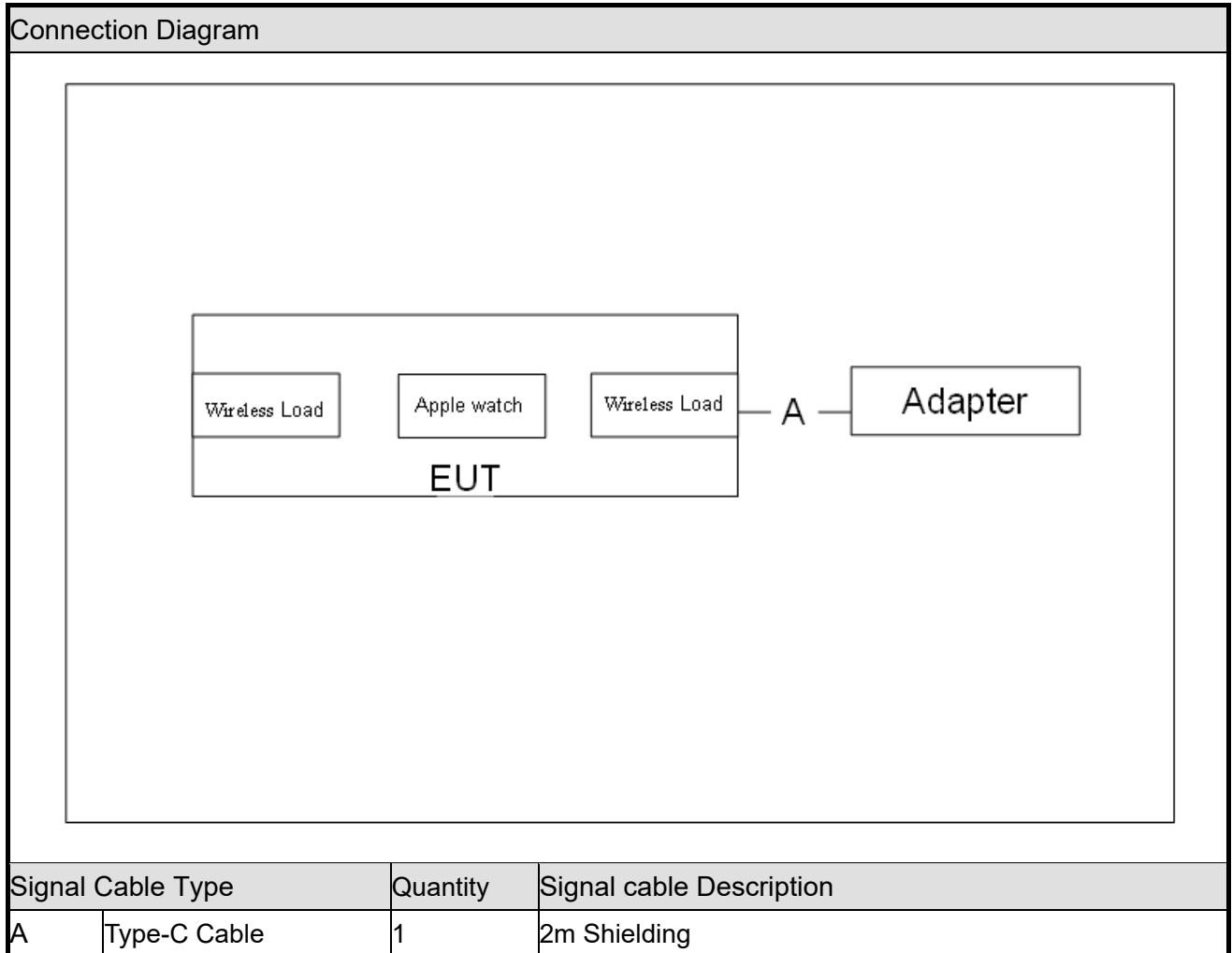


Wireless Output 3
for Apple Watch



1.3. Description of Test System

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 Adapter	OTTREBOX	DST45S1U1	N/A	N/A
2 Wireless Load 1	Cerpass	XHX-1PCB-2	N/A	N/A
3 Wireless Load 2	Cerpass	CPS510OATE	N/A	N/A
4 Apple watch	Apple	Apple watch 3	N/A	N/A
5 Apple watch	Apple	Apple watch 7	N/A	N/A





1.4. General Information of Test

Test Site	Cerpass Technology Corporation(Cerpass Laboratory) Address: Room 102, No. 5, Xing'an Road, Chang'an Town, Dongguan City, Guangdong Province, China Tel: +86-769-8547-1212 Fax: +86-769-8547-1912
FCC Designation No.:	CN1288

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Exposure	3M01-DG	2026/03/02~2026/03/03	23~25°C / 53~55%	Amos Zhang

1.5. Measurement Uncertainty

Measurement Item	Uncertainty
Magnetic Field measurements	±1.60
Electric Field measurements	±1.60



2. Summary Of Standards And Results

2.1. Measuring Standard

The EUT have been tested according to the applicable standards as referenced below:

Test Item	Normative References	Remarks
RF Exposure	FCC CFR 47 part1, 1.1310 KDB680106 D01v04	PASS

2.2. Duty cycle

Limits

None; for reporting purposes only.

Procedure

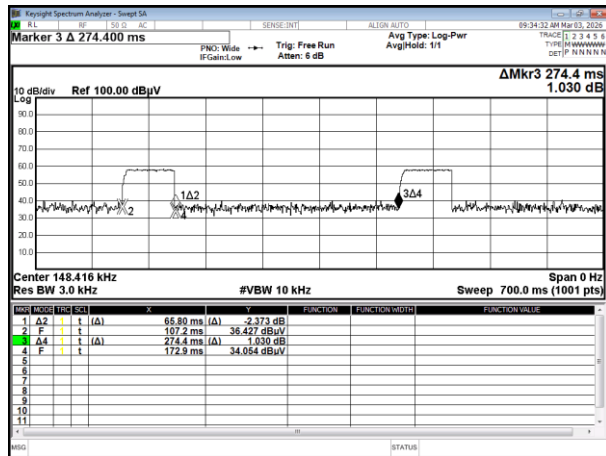
Duty cycle zero-span mode Method

Result

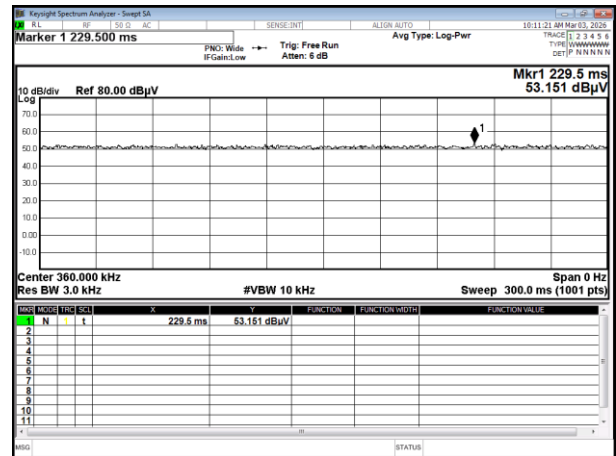
Mode	On Time (msec)	Period Time (msec)	Duty Cycle (%)
Wireless 2, Standby @111kHz~147kHz	65.800	340.200	19.34%
Wireless 1, 25W for Wireless Load, Operating @360kHz	100.00	100.00	100.00%
Wireless 1, 10W for Wireless Load, Operating @120~148.5kHz	100.00	100.00	100.00%
Wireless 2, 5W for Wireless Load, Operating @111~147kHz	100.00	100.00	100.00%
Wireless 3, 5W for Apple watch 3, Operating @326.5kHz	100.00	100.00	100.00%
Wireless 3, 5W for Apple watch 7, Operating @1.778MHz	100.00	100.00	100.00%



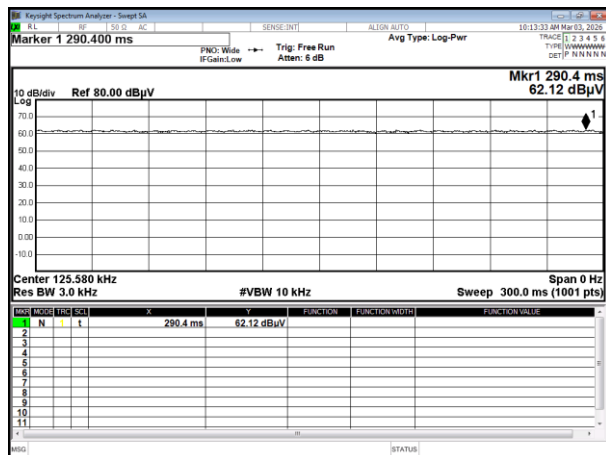
Wireless 2, Standby @111kHz~147kHz



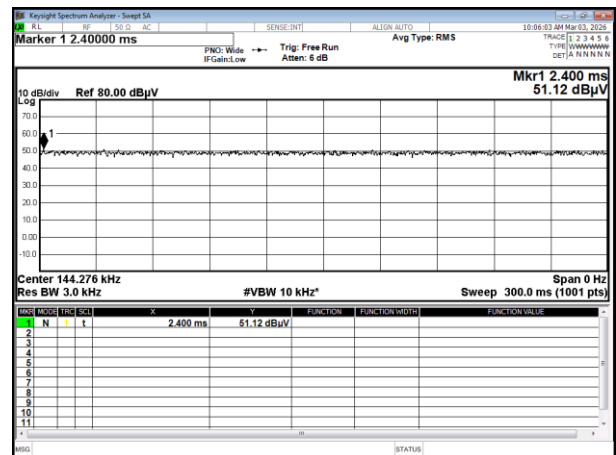
Wireless 1, 25W for Wireless Load, Operating @360kHz



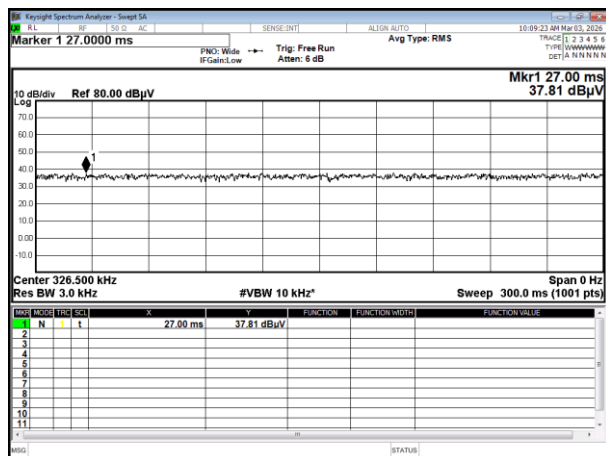
Wireless 1, 10W for Wireless Load, Operating @120~148.5kHz



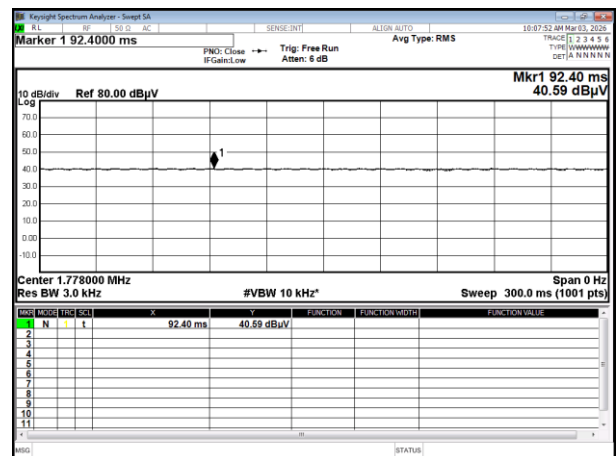
Wireless 2, 5W for Wireless Load, Operating @111~147kHz



Wireless 3, 5W for Apple watch 3, Operating @326.5kHz

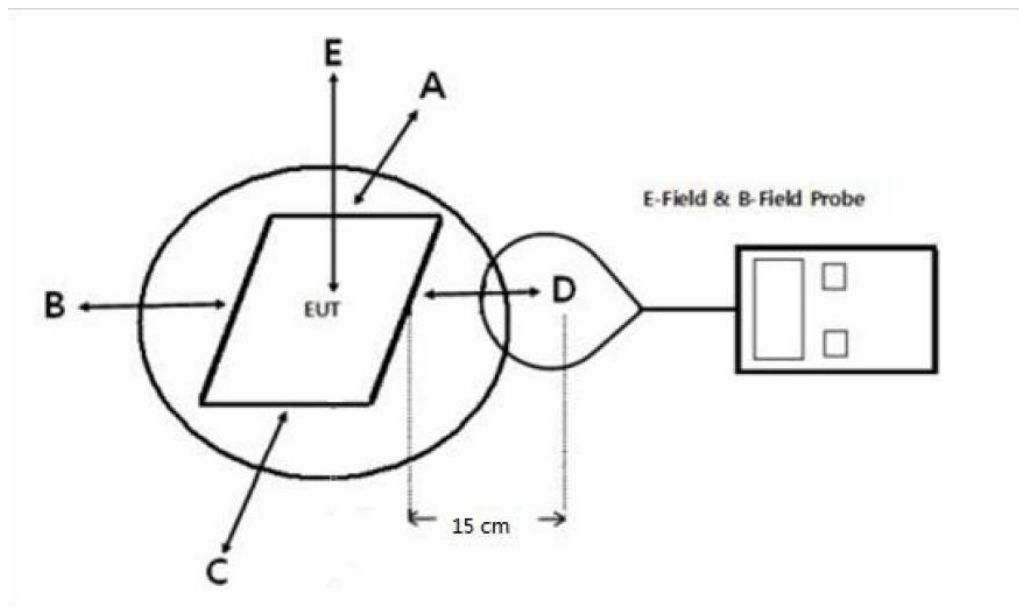


Wireless 3, 5W for Apple watch 7, Operating @1.778MHz





2.3. Typical test Setup



Note: Position A: Front of EUT; Position B: Left of EUT; Position C: back of EUT; Position D: Right of EUT; Position E: Top of EUT(20 cm measure distance);

2.4. Specification 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 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 1: f = frequency in MHz ; *Plane-wave equivalent power density

Note 2: For the applicable limit, see FCC 1.1310



2.5. Test Equipment List and Details

Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Electric and Magnetic field analyzer	L3HARRIS	EHP-200AC	180ZX00632	2025/07/30	2026/07/29
MXA Signal Analyzer	KEYSIGHT	N9020A	US46220290	2025/12/26	2026/12/25

2.6. Test Result

Mode 1: Wireless Charging for Wireless 1(Standby mode) +Wireless 2(Standby mode)+ Wireless 3(Standby mode)

Wireless 2, Standby @111kHz~147kHz

a) Electric Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (V/m)			50% of Limit (V/m)	Limit (V/m)
		Peak	Duty Cycle %	AVG		
A	15	0.44	19.34	0.19	307.00	614.00
B	15	0.42	19.34	0.18	307.00	614.00
C	15	0.46	19.34	0.20	307.00	614.00
D	15	0.48	19.34	0.21	307.00	614.00
E	20	0.40	19.34	0.18	307.00	614.00

b) Magnetic Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (A/m)			50% of Limit (A/m)	Limit (A/m)
		Peak	Duty Cycle %	AVG		
A	15	0.022	19.34	0.010	0.815	1.63
B	15	0.02	19.34	0.009	0.815	1.63
C	15	0.026	19.34	0.011	0.815	1.63
D	15	0.028	19.34	0.012	0.815	1.63
E	20	0.018	19.34	0.008	0.815	1.63

Note: 1: Peak measurements were performed. RMS values were calculated from the peak measurement.

Please refer to the formula for calculating the RMS values: $[\text{Filed Strength} \times \sqrt{\text{Duty cycle}}]$

2: These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis. Test results for the worst position (20cm) are reported.



Mode 2: Wireless Charging for Wireless 1(25W for Wireless Load, Operating @360kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)

Wireless 2-Operating @ 111kHz~147kHz

a) Electric Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (V/m)			50% of Limit (V/m)	Limit (V/m)
		Peak	Duty Cycle %	AVG		
A	15	0.81	100	0.81	307.00	614.00
B	15	0.85	100	0.85	307.00	614.00
C	15	0.83	100	0.83	307.00	614.00
D	15	0.89	100	0.89	307.00	614.00
E	20	0.76	100	0.76	307.00	614.00

b) Magnetic Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (A/m)			50% of Limit (A/m)	Limit (A/m)
		Peak	Duty Cycle %	AVG		
A	15	0.036	100	0.036	0.815	1.63
B	15	0.035	100	0.035	0.815	1.63
C	15	0.033	100	0.033	0.815	1.63
D	15	0.038	100	0.038	0.815	1.63
E	20	0.030	100	0.030	0.815	1.63

Note: 1: Peak measurements were performed. RMS values were calculated from the peak measurement.

Please refer to the formula for calculating the RMS values: $[\text{Filed Strength} \times \sqrt{\text{Duty cycle}}]$

2: These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis. Test results for the worst position (20cm) are reported.

**Mode 4: Wireless Charging for Wireless 1(10W for Wireless Load, Operating @120~148.5kHz) +Wireless 2(5W for Wireless Load, Operating @111~147kHz) +Wireless 3(5W for Apple watch 3, Operating @326.5kHz)**

Wireless 2-Operating @ 111kHz~147kHz

a) Electric Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (V/m)			50% of Limit (V/m)	Limit (V/m)
		Peak	Duty Cycle %	AVG		
A	15	0.82	100	0.82	307.00	614.00
B	15	0.84	100	0.84	307.00	614.00
C	15	0.84	100	0.84	307.00	614.00
D	15	0.88	100	0.88	307.00	614.00
E	20	0.75	100	0.75	307.00	614.00

b) Magnetic Field Strength Measurement

Measured Side	Distance (cm)	Measured Value (A/m)			50% of Limit (A/m)	Limit (A/m)
		Peak	Duty Cycle %	AVG		
A	15	0.033	100	0.033	0.815	1.63
B	15	0.034	100	0.034	0.815	1.63
C	15	0.034	100	0.034	0.815	1.63
D	15	0.039	100	0.039	0.815	1.63
E	20	0.031	100	0.031	0.815	1.63

Note: 1: Peak measurements were performed. RMS values were calculated from the peak measurement.

Please refer to the formula for calculating the RMS values: $[\text{Filed Strength} \times \sqrt{\text{Duty cycle}}]$

2: These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis. Test results for the worst position (20cm) are reported.



2.7. Photographs of test setup



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