

RF EXPOSURE TEST REPORT

Applicant	Foxconn Interconnect Technology Limited Taiwan Branch
Address	No. 66-1, Jhongshan RD., Tucheng Dist., New Taipei City, 23680 Taiwan

Manufacturer or Supplier	AMAZON.COM SERVICES LLC
Address	410 TERRY AVE N. SEATTLE, WA 98109, USA
Product	Wireless Charging Stand
Brand Name	amazon basics
Model	5CF1P30A
Additional Model & Model Difference	5CF1P30B, See section 1.1
Date of tests	Oct. 21, 2025

The submitted sample of the above equipment has been tested according to the requirements of the following standard:

- ☒ 47 CFR PART 1, Subpart I, Section 1.1310
- ☒ KDB 680106 D01

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Eric Fang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	
	Date: Dec. 11, 2025

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Test Report No.: FM2509WDG0268

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2509WDG0268	Original release	Dec. 11, 2025

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

FCC ID	2ADB4-AM-5CF1P30
PRODUCT	Wireless Charging Stand
MODEL NO.	5CF1P30A
ADDITIONAL MODEL	5CF1P30B
POWER SUPPLY	DC 5V/9V/12V/15V From USB Host Unit
MODULATION TECHNOLOGY	FSK
OPERATING FREQUENCY RANGE	25W Max Charging Coil (BPP/MPP): 111-148, 360kHz
ANTENNA TYPE	Coil Antenna*1
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB-C Line:1.5m, see note 5

NOTES:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- For the test results, the EUT had been tested with all conditions, but only the worst case was shown in test report.
- Please refer to the EUT photo document (Reference No.: 2509WDG00268-2 and 2509WDG0268-3) for detailed product photo.
- Additional model 5CF1P30B is identical with test model 5CF1P30A except the appearance and model no. for trading purpose.
- Cable information as follows:

ID	Descriptions	Qty.	Length (m)	Shielding (YES/NO)	Cores (Qty.)	Remarks
1	USB-C Line	1	1.5	YES	0	EUT

2. RF EXPOSURE MEASUREMENT

2.1 LIMITS

§ 1.1310 The criteria listed in table 1 shall be used to evaluate the environmental impact of human exposure to radiofrequency(RF) radiation as specified in § 1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of § 2.1093 of this chapter.

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 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

* = Plane-wave equivalent power density

NOTE 1 TO TABLE 1: Occupational/controlled 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. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

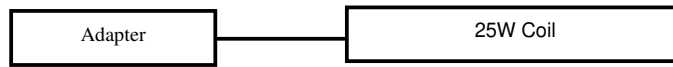
2.2 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below:

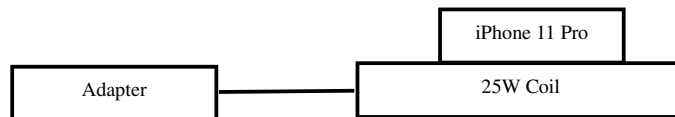
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	25W RX Load	Nuvolta	N/A	N/A	N/A	By Client
B	Adapter	Belkin	CYPD36US	N/A	N/A	By Client
C	iPhone 16 Pro(1#)	Apple	A3083 (MYM93LL/A)	HY9H79YM6Y	BCG-E8666A	BV Lab.
D	iPhone 11 Pro	Apple	MWDD2CH/A	F17ZMCAMN6YL	N/A	

2.3 CONFIGURATION OF SYSTEM UNDER TEST

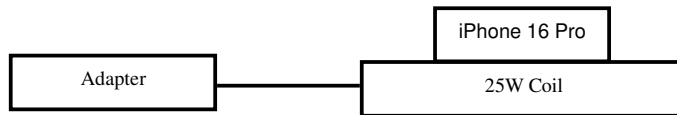
Mode A:



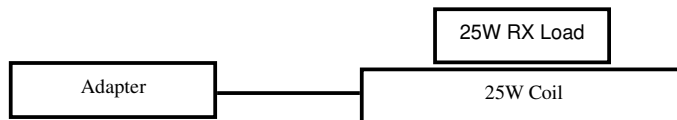
Mode B:



Mode C:

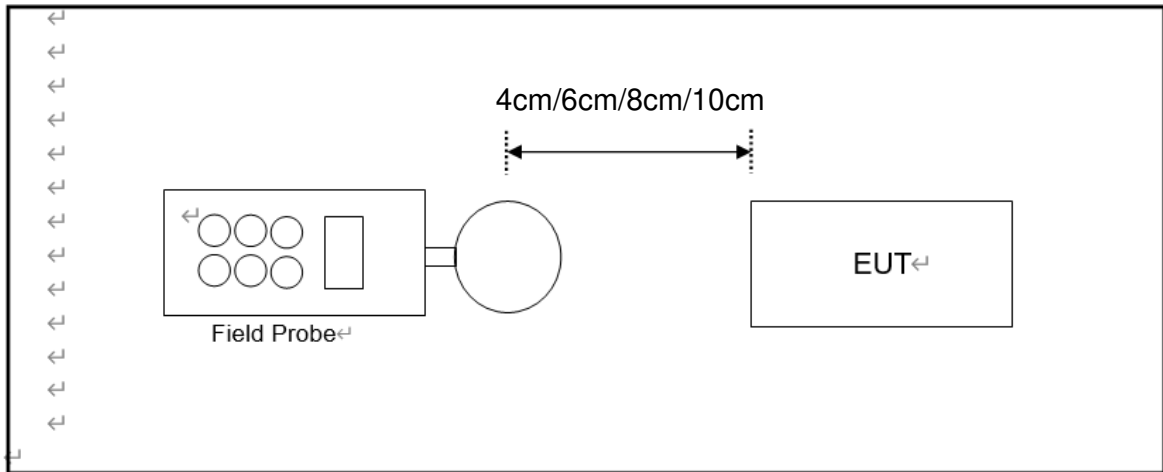


Mode D:



When the maximum power reach 25W for 25W RX Load, the transmission frequency is 360.0KHz,
When the maximum power reach 15W for iPhone 16 Pro, the transmission frequency is 360.0KHz,
when the maximum power is only 7.5W for iPhone 11 Pro, the transmission frequency is 127.7KHz.

2.4 TEST SETUP FOR WPC



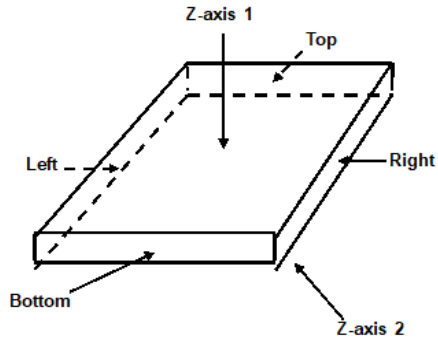
Note: Measurements should be made from all sides and the top of the primary/client pair, with the 4cm, 6cm, 8cm, 10cm, measured from the center of the probe(s) to the edge of the device.

2.5 EQUIPMENTS USED DURING TEST

Equipment	Manufacturer	Model No.	Serial No.	Next Cal.
E-Field probe	Narda	NBM-520	2403/01B	Apr. 12, 26
B-field Probe	Narda	Y2006	L-0017	Apr. 15, 26
3m Fully Anechoic Chamber	Chance Most	8m*4m*4m	D3040011DG	May 27, 26
Test Software	Narda	EHP200-TS	V1.94	N/A

NOTE: 1. The test was performed in RS chamber.
2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.

2.6 TEST POINT DESCRIPTION



Notes:

1. Z-axis 1, It means the load surface.
2. Z-axis 2, It means the back of the load surface.

2.7 TEST RESULTS

Mode 1: Standby mode

E-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	0.1148	0.1036	0.1094	0.1180	0.1406	0.1230
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-613.8852	-613.8964	-613.8906	-613.882	-613.8594	-613.877

H-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.0168	0.0117	0.0180	0.0182	0.1388	0.0153
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.613	-1.618	-1.612	-1.612	-1.491	-1.615

Mode 2: EUT Mode with iPhone 11 Pro 10% Battery Charging(127.7KHz)

E-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	3.5196	3.7161	3.9122	2.5352	6.1711	3.1865
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-610.4804	-610.2839	-610.0878	-611.4648	-607.8289	-610.8135

H-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.3261	0.4334	0.3671	0.2987	0.3571	0.4892
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.304	-1.197	-1.263	-1.331	-1.273	-1.141

Mode 2: EUT Mode with iPhone 11 Pro 10% Battery Charging(127.7KHz)

E-Field Measurement						
Distance	6cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	3.7417	3.4717	3.8416	2.4717	5.1247	3.9417
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-610.2583	-610.5283	-610.1584	-611.5283	-608.8753	-610.0583

H-Field Measurement						
Distance	6cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.1173	0.2214	0.1650	0.1091	0.1140	0.2945
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.513	-1.409	-1.465	-1.521	-1.516	-1.336

Mode 2: EUT Mode with iPhone 11 Pro 10% Battery Charging(127.7KHz)

E-Field Measurement						
Distance	8cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	2.4818	2.4142	2.4170	2.1418	4.2137	2.8471
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.5182	-611.5858	-611.583	-611.8582	-609.7863	-611.1529

H-Field Measurement						
Distance	8cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.0932	0.2013	0.1734	0.0580	0.0972	0.1888
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.537	-1.429	-1.457	-1.572	-1.533	-1.441

Mode 2: EUT Mode with iPhone 11 Pro 10% Battery Charging(127.7KHz)

E-Field Measurement						
Distance	10cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	2.1480	2.4710	2.4178	2.0147	3.4178	2.8417
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.852	-611.529	-611.5822	-611.9853	-610.5822	-611.1583

H-Field Measurement						
Distance	10cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.0642	0.1829	0.1213	0.0518	0.0710	0.1321
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.566	-1.447	-1.509	-1.578	-1.559	-1.498

Mode 3: EUT Mode with iPhone 16 Pro 10% Battery Charging(360KHz)

E-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	3.6067	4.2662	3.9312	2.1891	6.7310	3.0775
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-610.3933	-609.7338	-610.0688	-611.8109	-607.269	-610.9225

H-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.1298	0.1021	0.3395	0.1731	0.0636	0.3217
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.500	-1.528	-1.291	-1.457	-1.566	-1.308

Mode 3: EUT Mode with iPhone 16 Pro 10% Battery Charging(360KHz)

E-Field Measurement						
Distance	6cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	3.1220	3.2910	3.2219	3.2138	5.0318	3.0127
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-610.878	-610.709	-610.7781	-610.7862	-608.9682	-610.9873

H-Field Measurement						
Distance	6cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.1238	0.1019	0.2139	0.1183	0.0517	0.2712
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.506	-1.528	-1.416	-1.512	-1.578	-1.359

Mode 3: EUT Mode with iPhone 16 Pro 10% Battery Charging(360KHz)

E-Field Measurement						
Distance	8cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	2.8193	2.0183	2.8130	2.3170	4.2137	2.8174
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.1807	-611.9817	-611.187	-611.683	-609.7863	-611.1826

H-Field Measurement						
Distance	8cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.1037	0.0927	0.1249	0.1083	0.0418	0.1713
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.526	-1.537	-1.505	-1.522	-1.588	-1.459

Mode 3: EUT Mode with iPhone 16 Pro 10% Battery Charging(360KHz)

E-Field Measurement						
Distance	10cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	2.4616	2.4610	2.1380	2.7478	3.8471	2.8148
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-611.5384	-611.539	-611.862	-611.2522	-610.1529	-611.1852

H-Field Measurement						
Distance	10cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.0973	0.0737	0.1140	0.0974	0.0401	0.1288
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.533	-1.556	-1.516	-1.533	-1.590	-1.501

Mode 4: EUT +25W RX Load(360KHz)

E-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max E-field (V/m)	4.7204	5.2191	3.5792	0.2985	8.9830	5.3158
Limit (V/m)	614	614	614	614	614	614
Margin (V/m)	-609.2796	-608.7809	-610.4208	-613.7015	-605.017	-608.6842

H-Field Measurement						
Distance	4cm					
EUT Side	Left	Right	Top	Bottom	Z-axis1	Z-axis2
Max H-field (A/m)	0.2401	0.2399	0.3606	0.0205	0.1887	0.4185
Limit (A/m)	1.63	1.63	1.63	1.63	1.63	1.63
Margin (A/m)	-1.390	-1.390	-1.269	-1.610	-1.441	-1.212

Note: Biot-Savar law:

(1) Magnetic field on the axis of a current-carrying circle coil:

$$B = \frac{\mu_0 I R^2}{2(R^2 + X^2)^{\frac{3}{2}}}$$

R is the coil outside diameter radius.

X is the distance from the test point to the center of the coil circle.

B is the magnetic field.

According to the KDB 680106 D01 V04, the model needs to be validated by probe measurements at the two points closest to the surface of the device, in 2cm increments, and if there is a 30% agreement between the model and the probe measurements, the validation is considered sufficient.

The probe radius is 4cm. The values of 4/6/8/10cm are estimated, which differ from the actual measured values by less than 30%. Then, the values of 0cm and 2cm are estimated based on the 4cm field strength value.

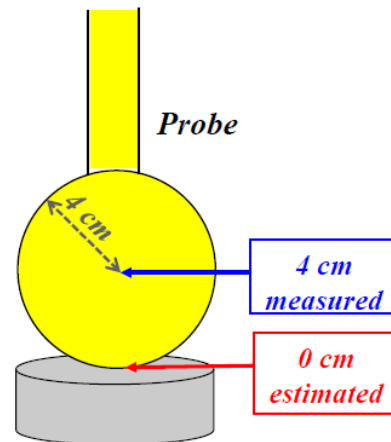


Table of error data between the estimated and measured values

Measured		Estimated		Error	Limit
Distance(cm)	H-FIELD(A/m)	Distance(cm)	H-FIELD(A/m)		
10	0.1321	\	\	\	\
8	0.1888	10	0.2307	22.17%	30%
6	0.2945	8	0.3603	22.33%	30%
4	0.4892	6	0.6100	24.70%	30%
2	\	4	0.9901	\	\
0	\	4	1.3837	\	\

Distance(cm)	H-Field(A/m)	Limit(A/m)	Results
8	0.2307	1.63	PASS
6	0.3603	1.63	PASS
4	0.6100	1.63	PASS
2	0.9901	1.63	PASS
0	1.3837	1.63	PASS



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3. PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

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