

JianYan Testing Group Shenzhen Co., Ltd.

Report No: JYTSZB-R12-2100117

FCC REPORT

Applicant: Ubio Labs, Inc.

Address of Applicant: 2821 Northup Way, Suite 250 Bellevue, WA 98004 USA

Equipment Under Test (EUT)

Product Name: Wireless Charging Stand

Model No.: AWC1109

Trade mark: ubiolabs

FCC ID: 2ATGY-AWC1109

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.209

Date of sample receipt: 13 Jan., 2021

Date of Test: 14 Jan., to 22 Jan., 2021

Date of report issue: 23 Feb., 2021

Test Result: PASS*

Authorized Signature:



Bruce Zhang

Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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^{*} In the configuration tested, the EUT complied with the standards specified above.





2 Version

Version No.	Date	Description	
00	28 Jan., 2021	Original	
01	23 Feb., 2021	 Updated test setup of 9k~30MHz on page 9. Update page 11, 12. 	

Tested By:	Dro Wr	Date:	23 Feb., 2021	
	Test Engineer			

Reviewed By:

Winner Thang
Date: 23 Feb., 2021

Project Engineer





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4 Test Summary

Test Item	Section in CFR 47	Result
Spurious emissions	15.209	Pass
20dB Bandwidth	15.215(c)	Pass
Conducted Emission	15.207	Pass

Remark:

- 1. Pass: The EUT complies with the essential requirements in the standard.
- The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (provided by the customer).

Test Method: ANSI C63.4-2014
ANSI C63.10-2013

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5 General Information

5.1 Client Information

Applicant:	Ubio Labs, Inc.
Address:	2821 Northup Way, Suite 250 Bellevue, WA 98004 USA
Manufacturer/Factory:	SHENZHEN LANNENGSHITONG ELECTRONICS CO., LTD.
Address:	Floor3 No.40, Xinhe Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen City, Guangdong Province, China

5.2 General Description of E.U.T.

Product Name:	Wireless Charging Stand			
Model No.:	AWC1109			
Operation Frequency:	127.2kHz			
Modulation type:	ASK			
Antenna Type:	Coil Antenna			
Power supply	Model: AWC1109			
	Input: 52.5W 15V, 3.5A			
	Output: Wireless1: 5W, 7.5W, 10W, 15W			
	Output: Wireless2: 5W			
	Output Type C: 5V, 3A /9V, 2.22A			
AC Adapter:	Model: CHG1088			
	Input: AC100-240V, 50/60Hz, 1.1A			
	Output: DC 15.0V, 3.5A			
Test Sample Condition:	The test samples were provided in good working order with no visible defects.			

5.3 Test mode and test samples plans

Transmitting mode:	Keep the EUT in transmitting mode with modulation		
Remark: Pre-scan input: 5V, output Wireless: 15W, 10W, 7.5W, 5W of the Power supply, output Wireless: 15W was worse case mode. So the report only reflects the worse mode.			
Toot Samples Blane:			

Test Samples Plans:	
Samples Number	Used for Test Items
SZR12210117B	Conducted measurements test method
SZR12210117B	Radiated measurements test method
SZR12210117B	EUT constructional details

Remark: Jian Yan Testing Group Shenzhen Co., Ltd. is only responsible for the test project data of the above samples, and will keep the above samples for a month.

5.4 Description of Support Units

Manufacturer	Description	Model	S/N	FCC ID/DoC
Skytek	Wireless charging match load	N/A	N/A	N/A

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5.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB
Radiated Emission (18GHz ~ 26.5GHz)	±3.20 dB

5.6 Additions to, deviations, or exclusions from the method

No

5.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Designation No.: CN1211

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

• ISED - CAB identifier.: CN0021

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

• A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.8 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xingiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366





5.9 Test Instrumentslist

Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	SAEMC	9m*6m*6m	966	07-22-2020	07-21-2021
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-07-2020	03-06-2021
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-07-2020	03-06-2021
Loop Antenna	SCHWARZBECK	FMZB 1519 B	00044	03-07-2020	03-06-2021
EMI Test Software	AUDIX	E3	6.110919b	N/A	N/A
Pre-amplifier	HP	8447D	2944A09358	03-07-2020	03-06-2021
Pre-amplifier	CD	PAP-1G18	11804	03-07-2020	03-06-2021
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-05-2020	03-04-2021
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-05-2020	03-04-2021
Simulated Station	Anritsu	MT8820C	6201026545	03-07-2020	03-06-2021
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-07-2020	03-06-2021
Cable	MICRO-COAX	MFR64639	K10742-5	03-07-2020	03-06-2021
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-07-2020	03-06-2021

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-05-2020	03-04-2021
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-05-2020	03-04-2021
LISN	CHASE	MN2050D	1447	03-05-2020	03-04-2021
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2020	07-20-2021
Cable	HP	10503A	N/A	03-05-2020	03-04-2021
EMI Test Software	AUDIX	E3	6.110919b	N/A	N/A

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6 Test results and Measurement Data

6.1 Antenna requirement

Standard requirement: FCC Part15 C Section 15.203

15.203 requirement:

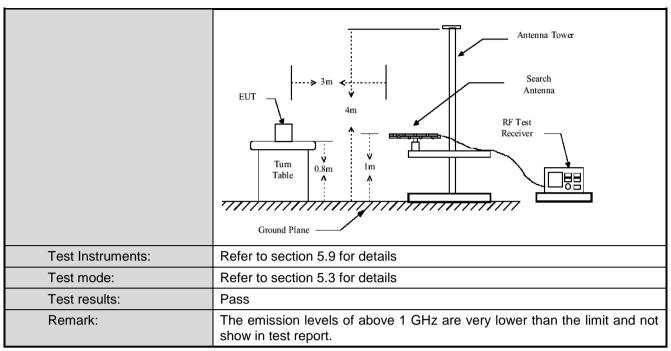
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.



6.2 Radiated Emission

6.2 Radiated Emission	1					_	
Test Requirement:	FCC Part15 C Section 15.209						
Test Frequency Range:	9kHz to 1000MH	lz					
Test site:	Measurement Di	istance: 3m(Sei	mi-Anechoic	Chaml	ber)		
Receiver setup:	Frequency	Detector	RBW	VBV	N	Remark	
	9kHz-150kHz	Quasi-peak	200Hz	600F	Ηz	Quasi-peak Value	
	150kHz- 30MHz	Quasi-peak	9kHz	30kH	Ηz	Quasi-peak Value	
	30MHz-1GHz	Quasi-peak	120kHz	300kl		Quasi-peak Value	
	Above 1GHz	Peak	1MHz	3MF	łz	Peak Value	
Limit:	Frequency (M		it (uV/m @3			Distance (m)	
	0.009-0.49		2400/F(kHz)			300	
	0.490-1.70	5 2	4000/F(kHz))		30	
	1.705-30		30			30	
	30-88		100			3	
	88-216		150			3	
	216-960		200			3	
Test Procedure:	Above 1GF	Iz placed on the to	500	toble 0	0 ~	3	
Test seture	 ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 						
Test setup:	EUT	3m 4 m (1.3m 1.3m 1.3m				i	





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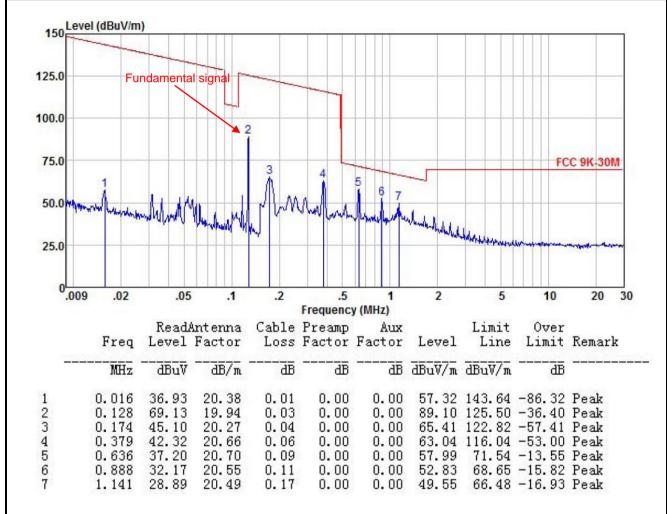




Measurement Data:

Below 1GHz:

Product Name:	Wireless Charging Stand	Product Model:	AWC1109
Test By:	Yaro	Test mode:	Charing mode
Test Frequency:	9kHz~30MHz	Polarization:	Coxial
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 24℃ Huni: 57%

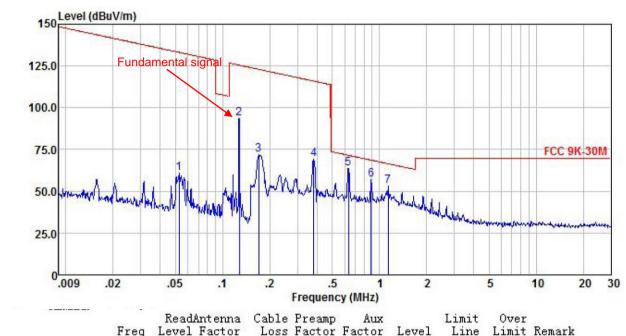


Remark:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	Wireless Charging Stand	Product Model:	AWC1109
Test By:	Yaro	Test mode:	Charing mode
Test Frequency:	9kHz~30MHz	Polarization:	Coplanar
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 24℃ Huni: 57%



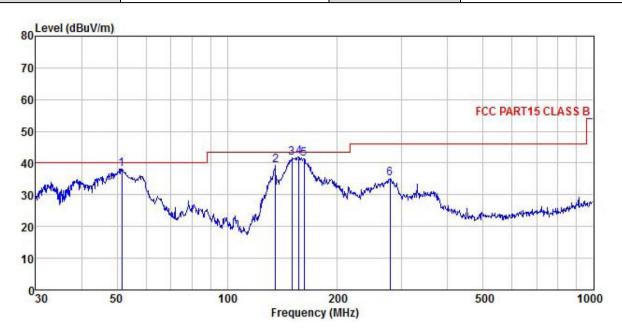
	Freq	Level	Factor	Loss	Factor	Factor	Level	Line	Limit	Remark
_	MHz	dBu∀		₫B	<u>dB</u>	<u>d</u> B	$\overline{dBuV/m}$	$\overline{\mathtt{dBuV/m}}$	<u>dB</u>	
1	0.053	40.04	20.58	0.02	0.00	0.00	60.64	133.14	-72.50	Peak
2	0.128	73.73	19.94	0.03	0.00	0.00	93.70	125.50	-31.80	Peak
3	0.170	51.42	20.26	0.03	0.00	0.00	71.71	123.03	-51.32	Peak
4	0.382	48.26	20.67	0.06	0.00	0.00	68.99	115.97	-46.98	Peak
5	0.636	43.03	20.70	0.09	0.00	0.00	63.82	71.54	-7.72	Peak
4 5 6	0.888	36.54	20.55	0.11	0.00	0.00	57.20	68.65	-11.45	Peak
7	1.141	32.73	20.49	0.17	0.00		53.39	66.48	-13.09	Peak

Remark

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product Name:	Wireless Charging Stand	Product Model:	AWC1109
Test By:	Yaro	Test mode:	Charing mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 24℃ Huni: 57%



	Freq		Antenna Factor			Preamp Factor		Limit Line	Over Limit	Remark
<u>~</u>	MHz	dBu∇	— <u>d</u> B/m		<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>d</u> B	
1	51.481	54.89	12.64	0.39	0.00	29.81	38.11	40.00	-1.89	QP
2	135.506	54.32	13.53	0.59	0.00	29.30	39.14	43.50	-4.36	QP
3	150.011	55.80	14.30	0.62	0.00	29.22	41.50	43.50	-2.00	QP
4	157.007	55.56	14.89	0.63	0.00	29.16	41.92	43.50	-1.58	QP
5	162.041	54.28	15.54	0.64	0.00	29.12	41.34	43.50	-2.16	QP
6	278.067	44.04	18.62	0.84	0.00	28.49	35.01	46.00	-10.99	QP

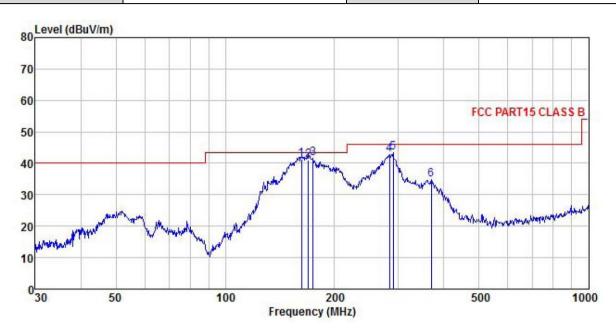
Remark:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. The Aux Factor is a notch filter switch box loss, this item is not used.

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Product Name:	Wireless Charging Stand	Product Model: AWC1109		
Test By:	Yaro	Test mode:	Charing mode	
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal	
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 24℃ Huni: 57%	



	Read	Ant enna	Cable	Aux	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Factor	Level	Line	Limit	Remark
MHz	dBu∜	<u>dB</u> /m		<u>d</u> B	<u>dB</u>	$\overline{\mathtt{dBuV/m}}$	dBuV/m	<u>dB</u>	
162.041	54.12	15.54	0.64	0.00	29.12	41.18	43.50	-2.32	QP
169.599	53.18	16.40	0.65	0.00	29.05	41.18	43.50	-2.32	QP
174.424	53.23	16.76	0.67	0.00	29.02	41.64	43.50	-1.86	QP
282.985	51.69	18.63	0.84	0.00	28.48	42.68	46.00	-3.32	QP
290.017	52.35	18.66	0.85	0.00	28.47	43.39	46.00	-2.61	QP
369.405	43.60	18.92	0.95	0.00	28.65	34.82	46.00	-11.18	QP
	MHz 162.041 169.599 174.424 282.985 290.017	MHz dBuV 162.041 54.12 169.599 53.18 174.424 53.23 282.985 51.69 290.017 52.35	Freq Level Factor MHz dBuV dB/m 162.041 54.12 15.54 169.599 53.18 16.40 174.424 53.23 16.76 282.985 51.69 18.63 290.017 52.35 18.66	Freq Level Factor Loss MHz dBuV dB/m dB 162.041 54.12 15.54 0.64 169.599 53.18 16.40 0.65 174.424 53.23 16.76 0.67 282.985 51.69 18.63 0.84 290.017 52.35 18.66 0.85	Freq Level Factor Loss Factor MHz dBuV dB/m dB dB 162.041 54.12 15.54 0.64 0.00 169.599 53.18 16.40 0.65 0.00 174.424 53.23 16.76 0.67 0.00 282.985 51.69 18.63 0.84 0.00 290.017 52.35 18.66 0.85 0.00	Freq Level Factor Loss Factor Factor MHz dBuV dB/m dB dB dB 162.041 54.12 15.54 0.64 0.00 29.12 169.599 53.18 16.40 0.65 0.00 29.05 174.424 53.23 16.76 0.67 0.00 29.02 282.985 51.69 18.63 0.84 0.00 28.48 290.017 52.35 18.66 0.85 0.00 28.47	MHz dBuV dB/m dB dB dB dBuV/m 162.041 54.12 15.54 0.64 0.00 29.12 41.18 169.599 53.18 16.40 0.65 0.00 29.05 41.18 174.424 53.23 16.76 0.67 0.00 29.02 41.64 282.985 51.69 18.63 0.84 0.00 28.48 42.68 290.017 52.35 18.66 0.85 0.00 28.47 43.39	Freq Level Factor Loss Factor Factor Level Line MHz dBuV dB/m dB dB dB dBuV/m dBuV/m 162.041 54.12 15.54 0.64 0.00 29.12 41.18 43.50 169.599 53.18 16.40 0.65 0.00 29.05 41.18 43.50 174.424 53.23 16.76 0.67 0.00 29.02 41.64 43.50 282.985 51.69 18.63 0.84 0.00 28.48 42.68 46.00 290.017 52.35 18.66 0.85 0.00 28.47 43.39 46.00	Freq Level Factor Loss Factor Factor Level Line Limit MHz dBuV dB/m dB dB dB dB dBuV/m dBuV/m dB 162.041 54.12 15.54 0.64 0.00 29.12 41.18 43.50 -2.32 169.599 53.18 16.40 0.65 0.00 29.05 41.18 43.50 -2.32 174.424 53.23 16.76 0.67 0.00 29.02 41.64 43.50 -1.86 282.985 51.69 18.63 0.84 0.00 28.48 42.68 46.00 -3.32 290.017 52.35 18.66 0.85 0.00 28.47 43.39 46.00 -2.61

Remark

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor Preamplifier Factor.
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. The Aux Factor is a notch filter switch box loss, this item is not used.



6.3 Conducted Emission

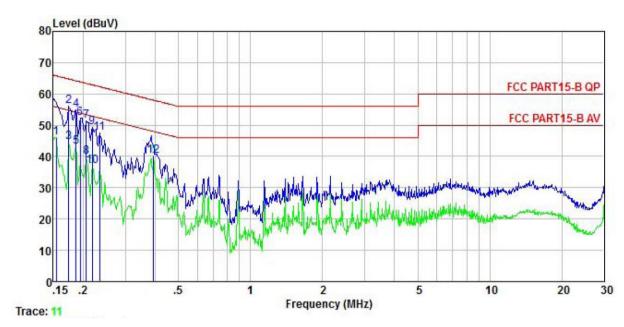
Test Requirement:	FCC Part 15 B Section 15.20	07	
Test Frequency Range:	150kHz to 30MHz	-	
Class / Severity:	Class B		
•			
Receiver setup:	RBW=9kHz, VBW=30kHz	Limit	(dD\/\
Limit:	Frequency range (MHz)	Quasi-peak	(dBµV) Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	0.5-30	60	50
	* Decreases with the logarith	nm of the frequency.	
Test setup:	Reference Plan LISN 40cm 80c AUX Equipment E.U.T Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line impedence Stabilization Network Test table height=0.8m	Filter AC po	
Test procedure	 The E.U.T and simulators line impedance stabilization 500hm/50uH coupling impedance. The peripheral devices are a LISN that provides a 500 termination. (Please refers photographs). Both sides of A.C. line are interference. In order to fir positions of equipment an according to ANSI C63.4: 	on network (L.I.S.N.). The pedance for the measure also connected to the ohm/50uH coupling imports to the block diagram of the maximum emiss and all of the interface ca	ne provide a ring equipment. e main power through bedance with 50ohm of the test setup and n conducted ion, the relative bles must be changed
Test environment:		1 1	ess.: 101kPa
Test Instruments:	Refer to section 5.9 for detail	ils	ļ.
Test mode:	Refer to section 5.3 for detail	ils	
Test results:	Pass		

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Measurement data:

Product name:	Wireless Charging Stand	Product Model:	AWC1109
Test by:	Yaro	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



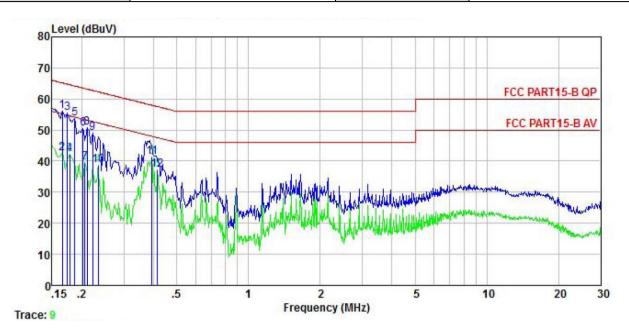
	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
2	MHz	dBu₹	₫B	<u>dB</u>	dB	dBu₹	₫₿u₹	dB	
1	0.154	36.04	-0.57	-0.06	10.78	46.19	55.78		Average
2	0.174	45.90	-0.58	-0.11	10.77	55.98	64.77	-8.79	QP
2	0.174	34.62	-0.58	-0.11	10.77	44.70	54.77	-10.07	Average
4	0.186	44.86	-0.59	-0.13	10.76	54.90	64.20	-9.30	QP
4 5 6	0.186	33.14	-0.59	-0.13	10.76	43.18	54.20	-11.02	Average
6	0.194	42.21	-0.59	-0.15	10.76	52.23	63.84	-11.61	QP
7	0.206	41.30	-0.59	-0.17	10.76	51.30	63.36	-12.06	QP
7 8 9	0.206	29.80	-0.59	-0.17	10.76	39.80	53.36	-13.56	Average
9	0.219	39.22	-0.58	-0.18	10.76	49.22	62.88	-13.66	QP
10	0.219	26.81	-0.58	-0.18	10.76	36.81	52.88	-16.07	Average
11	0.234	37.50	-0.57	-0.20	10.75	47.48		-14.82	
12	0.393	29.48	-0.48	0.38	10.72	40.10	47.99	-7.89	Average

Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



Product name:	Wireless Charging Stand	Product Model:	AWC1109
Test by:	Yaro	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%



	Freq	Read Level	LISN Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
-	MHz	dBu₹	dB	dB	dB	dBu₹	dBu₹	<u>dB</u>	* <u></u>
1	0.166	45.94	-0.68	0.01	10.77	56.04	65.16	-9.12	QP
2	0.166	32.52	-0.68	0.01	10.77	42.62	55.16	-12.54	Average
3	0.174	45.37	-0.68	0.00	10.77	55.46	64.77	-9.31	QP
4	0.178	32.21	-0.68	0.00	10.77	42.30	54.59	-12.29	Average
2 3 4 5 6	0.186	43.64	-0.67	0.00	10.76	53.73	64.20	-10.47	QP
6	0.202	40.46	-0.67	0.00	10.76	50.55	63.54	-12.99	QP
7	0.206	29.35	-0.67	0.00	10.76	39.44	53.36	-13.92	Average
7 8 9	0.211	40.80	-0.67	0.00	10.76	50.89	63.18	-12.29	QP
9	0.222	38.80	-0.67	0.00	10.76	48.89	62.74	-13.85	QP
10	0.234	28.53	-0.67	0.00	10.75	38.61	52.30	-13.69	Average
11	0.393	31.17	-0.63	-0.06	10.72	41.20	47.99	-6.79	Average
12	0.415	27.01	-0.63	-0.05	10.73	37.06	47.55	-10.49	Average

Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss.



6.4 20dB Bandwidth

Test Requirement:	FCC Part15 C Section 15.215 (c)				
Receiver setup:	RBW=1 kHz, VBW=3 kHz, detector: Peak				
Limit:	The fundamentalemission be kept within atleast the central 80% of the permittedband				
Test Procedure:	 According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT. Set the EUT to proper test channel. Max hold the radiated emissions, mark the peak power frequency point and the -20dB upper and lower frequency points. Read 20dB bandwidth. 				
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane				
Test Instruments:	Refer to section 5.9 for details				
Test mode:	Refer to section 5.3 for details				
Test results:	Passed				

Measurement Data

20dB bandwidth (kHz)	99% OBW (kHz)	Limit (MHz)				
2.70	2.30	N/A				
Remark: For report purpose only.						

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Test plot as follows:

