

TEST REPORT

Product Name : Wireless Charger
Model Number : WG12-1
FCC ID : 2BA76WG12MNT021

Prepared for : MotoMotion China Corporation
Address : No. 61 Xinggang Road, Zhonglou Economic Development
Zone, Changzhou, Jiangsu, P.R. China

Prepared by : EMTEK (NINGBO) CO., LTD.
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Report Number : ENB2606230174W00101R
Date(s) of Tests : Jun,23, 2026 to Jul,17, 2026
Date of Issue : Jul,17, 2026

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TEST REPORT DESCRIPTION

Applicant : MotoMotion China Corporation

Address : No. 61 Xinggang Road, Zhonglou Economic Development Zone, Changzhou, Jiangsu, P.R. China

Manufacturer : MotoMotion China Corporation

Address : No. 61 Xinggang Road, Zhonglou Economic Development Zone, Changzhou, Jiangsu, P.R. China

EUT : Wireless Charger

Model Name : WG12-1

Trademark : N/A

We hereby certify that:

The above equipment was tested by EMTEK (NINGBO) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 15C

The test results of this report relate only to the tested sample identified in this report.

Date of Test :	Jun,23, 2026 to Jul,17, 2026
Prepared by :	 WK Luo /Engineer
Reviewer :	 June Gao /Supervisor
Approved & Authorized Signer :	 Tony Wei /Manager

Modified Information

Version	Report No.	Revision Data	Summary
/	ENB2606230174W00101R	/	Original Report



1. SUMMARY OF TEST RESULTS

EMISSION		
Description of Test Item	Standard & Limits	Results
Conducted Emission	FCC Part 15, Subpart C- Section 15.207 ANSI C63.10-2013	Pass
Radiated Emission	FCC Part 15, Subpart C- Section 15.209 ANSI C63.10-2013	Pass
Note: N/A is an abbreviation for Not Applicable.		



2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product:	Wireless Charger
Model Number:	WG12-1
Sample Number:	ENB26006230174W001-1-1
Power Supply:	DC 15V
Wireless specification	25w(MAX)
Modulation:	Ask
Maximum Power Rate:	87.07 dBuV/m
Frequency Range:	111 kHz~360 KHz
Antenna Type:	Integral Antenna (Induction coil)
Antenna Gain:	0 dBi
Operating Temperature	-10°C ~ 45°C
Date of Received:	Jun,23, 2026

2.2. Input / Output Ports

Port #	Name	Type*	Cable Max. >3m	Cable Shielded	Comments
1	AC Power Port	AC	No	N/A	None
* Note: For the purposes of the present document, the following symbols apply: AC AC Power Port DC DC Power Port N/E Non-Electrical I/O Signal Input or Output Port (Not Involved in Process Control) TP Telecommunication Ports					

2.3. Independent Operation Modes

A 1. TX(Full load)

2.4. Test Manner

Test Items	Test Voltage	Operation Modes
Conducted Emission	DC 15V	Mode A.1
Radiated Emission	DC 15V	Mode A.1

2.5. Description of Test Facility

Site Description
EMC Lab.

: Accredited by CNAS

The Certificate Registration Number is L6666.

The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2018 (identical to ISO/IEC 17025:2017)

Designation by FCC

Designation Number: CN1354

Test Firm Registration Number: 427606

Accredited by A2LA

The Certificate Number is 4321.03.

Designation by ISED

The Conformity Assessment Body Identifier is CN0114

Name of Firm

: EMTEK (NINGBO) CO., LTD.

Site Location

: No. 8, Building 8, Lane 216, Qingyi Road, High-Tech Zone, Ningbo, Zhejiang, China

2.6. Description of Support Device

No.	Equipment	Trade name	Model	S/N	Power Cord
1	TX load	/	25W	/	/

2.7. Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Conducted Emissions Test	± 2.0 dB
Radiated Emission Test	± 2.0 dB
Occupied Bandwidth Test	± 1.0 dB
Temperature	± 0.5 °C
Humidity	± 3 %

Measurement Uncertainty for a level of Confidence of 95%

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. Conducted Emission Test Equipment

Equ.No.	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ENE-355	EMI Test Receiver	R&S	ESR7	102899	June 22, 2026	1 Year
ENE-004	L.I.S.N	Schwarzbeck	NSLK 8126	8126-462	June 17, 2026	1 Year
ENE-070	Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00525	Mar 02, 2026	1 Year
ENE-151-1	Conduction Test Room 3#	SKET	7*4.5*3m	/	Mar 05, 2025	3 Year

3.2. For 3m Radiated Emission Measurement 9K-1GHz

Equ. No.	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ENE-185	EMI Test Receiver	R&S	ESR7	102480	Mar 02, 2026	1 Year
ENE-188	Low Frequency Field Antenna	Schwarzbeck	FMZB 1513-60	00026	June 26, 2025	3 Year
ENE-204	Low Frequency Notch Filter RF Switching	JS Denki	JSDSW-F	JSDSW2211D 02	Mar 02, 2026	1 Year
ENE-190	Antenna Multiple	Schwarzbeck	VULB 9163	01499	March 09, 2025	3 Year
ENE-195	Pre-Amplifier	JS Denki	PA09K03-40	JSPA21019	March 02, 2026	1 Year
ENE-251	6dB Attenuator	Mini-Circuits	UNAT-6+	11542	June 17, 2026	1 Year
ENE-144	3-Meter Anechoic Chamber2#	SKET	9*6*6m	/	June 21, 2025	3 Year

3.3. For other test items:

Equ. No.	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
ENE-256	EXA Signal Analyzer	Keysight	N9010B	MY62060219	June 18, 2026	1 Year
ENE-172	RF Control Unit	Tonscend	JS0806-2(V.6E)	21L8060521	March 03, 2026	1 Year

4. 20DB BANDWIDTH

4.1. Test Procedure

Set to the maximum power setting and enable the EUT transmit continuously
 Set RBW =1%-5%OBW
 Set the video bandwidth (VBW) =3*RBW
 Set Span= 10 kHz
 Set Detector = Peak.
 Set Trace mode = max hold.
 Set Sweep = auto couple.
 Measure and record the results in the test report.

4.2. Test Results

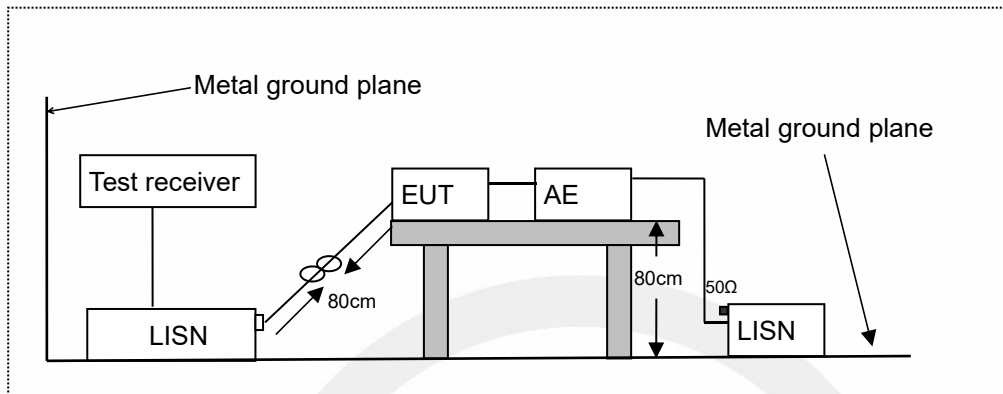
Temperature: 25°C Humidity: 69 %

20dB Band=0.252 kHz



5. POWER LINE CONDUCTED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



LISN: Line Impedance Stabilization Network

AE: Associated equipment

EUT: Equipment under test

5.2. Limits

FCC Part 15.207

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

NOTE1-The lower limit shall apply at the transition frequencies.
NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

5.3. Test Procedure

The EUT was placed on a desk 0.8 m height from the metal ground plane and 0.4 m from the conducting wall of the shielding room and it was kept at least 0.8 m from any other grounded conducting surface. The size of the table will nominally be 1.5 m x1.0 m.

The rear of the arrangement shall be flush with the back of the supporting tabletop unless that would not be possible or typical of normal use.

All units of equipment forming the system under test (includes the EUT as well as connected peripherals and associated equipment or devices) shall be arranged such that a nominal 0.1 m separation is achieved between the neighboring units.

Connect EUT to the power mains through a line impedance stabilization network (LISN). Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the centre into a bundle no longer than 0.4 m, so that its length is shortened to 1 m.

All the support units are connecting to the other LISN.
The LISN provides 50 ohm coupling impedance for the measuring instrument.

Both sides of AC line were checked for maximum conducted interference.

The frequency range from 150 kHz to 30 MHz was sweep.

Set the test-receiver system to quasi peak detect function and average detect function, and to measure the conducted emissions values.

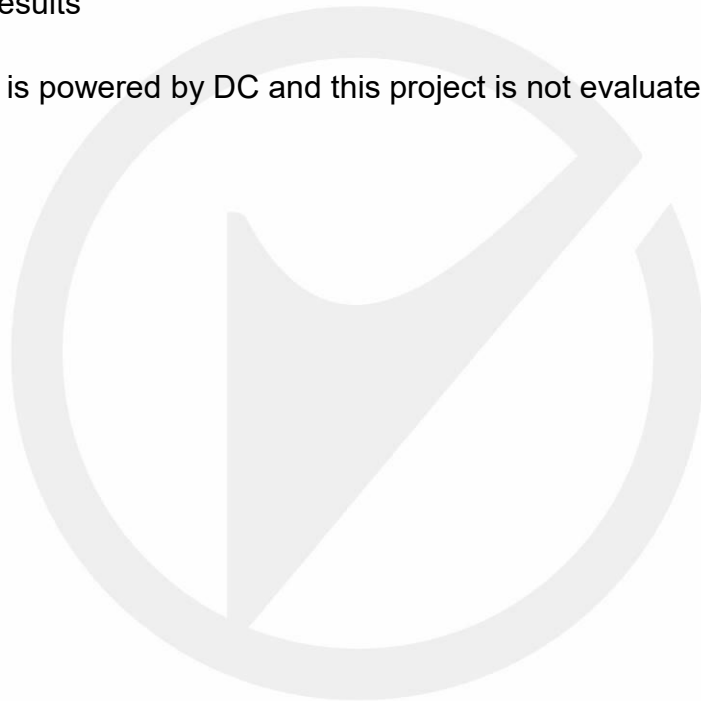
Test results were obtained from the following equation:

$\text{Meas (dB}\mu\text{V)} = \text{Cable Loss (dB)} + \text{Reading (dB}\mu\text{V)}$

$\text{Margin (dB)} = \text{Limit} - \text{Meas}$

5.4.Measuring Results

Note:The product is powered by DC and this project is not evaluated



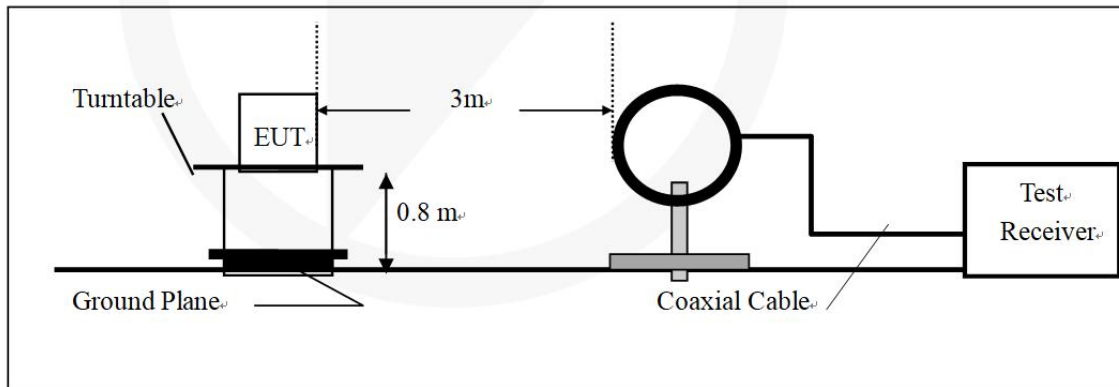
6. RADIATED EMISSION TEST

6.1.Measurement Procedure

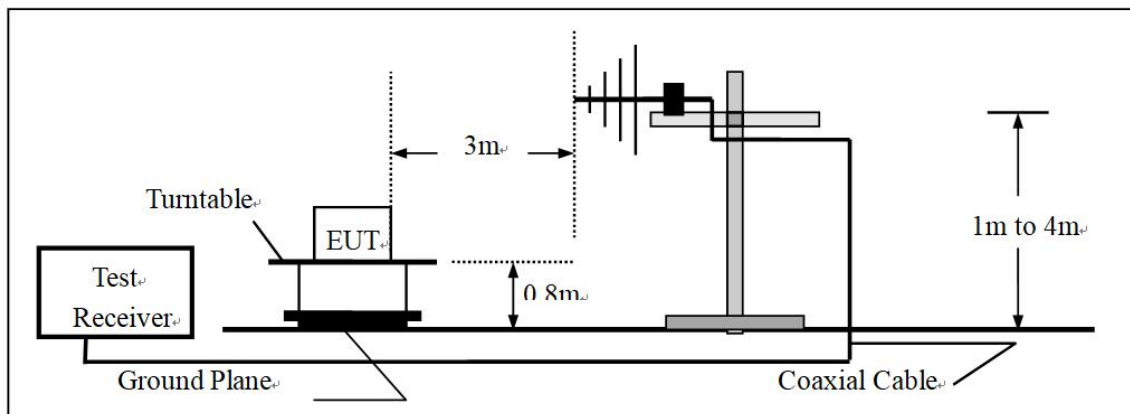
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.
5. Use the following receiver/spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW=200Hz for 9KHz to 150KHz,
RBW=9kHz for 150KHz to 30MHz,
RBW=120KHz for 30MHz to 1GHz
VBW $\geq 3 \times$ RBW
Sweep = auto
Detector function = QP
Trace = max hold

6.2.Test SET-UP (Block Diagram of Configuration)

(A)Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



6.3. Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

FCC Part 15.209 Limit			
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation Frequency tion at 3m Measurement Dist
	(uV/m)	Dist	(dBuV/m=20 log (uV/m))
0.009 – 0.490	2400 / F(kHz)	300m	20log 2400/F(kHz) + 40 log(300/3)
0.490 – 1.705	24000 / F(kHz)	30m	20log 24000/F(kHz) + 40 log(30/3)
1.705 – 30.00	30	30m	20log 30 + 40 log(30/3)
30.0 – 88.0	100	3m	20log 100
88.0 – 216.0	150	3m	20log 150
216.0 – 960.0	200	3m	20log 200
Above 960.0	500	3m	20log 500
Remark:	dBuV/m=20 log (uV/m) F=Frequency(kHz)		

15.205 Restricted bands of operation

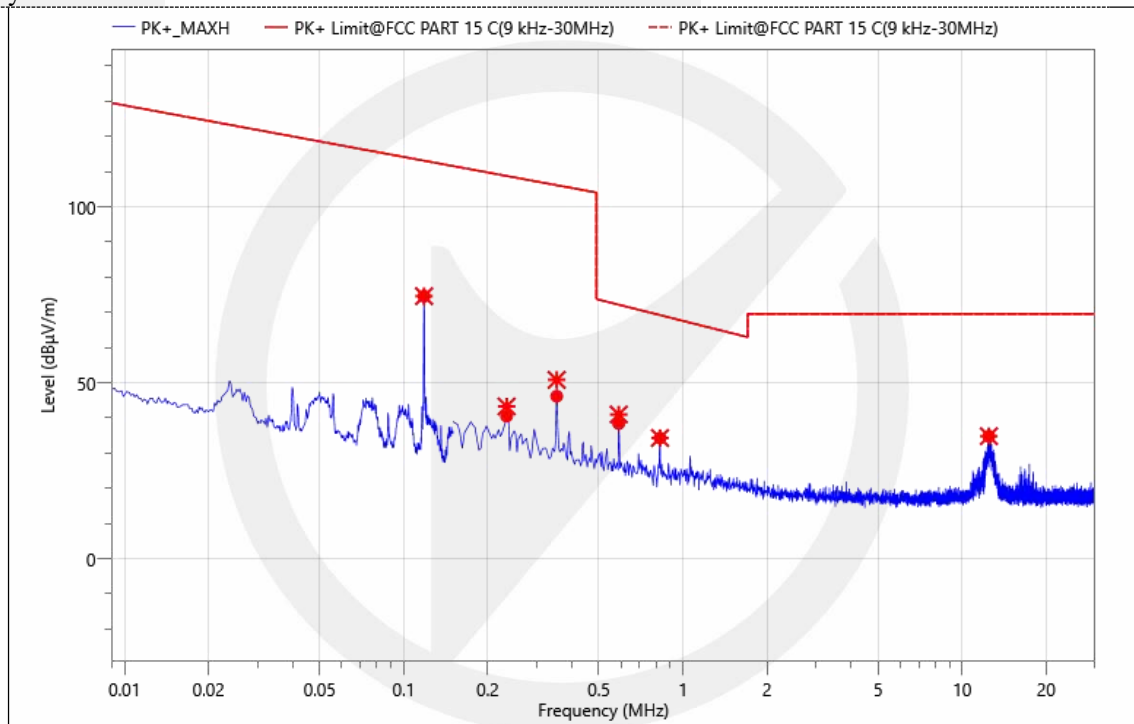
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

Remark: 1. Emission level in dBuV/m=20 log (uV/m)
2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of § 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

6.4.Measurement Result

9KHz-30 MHz:

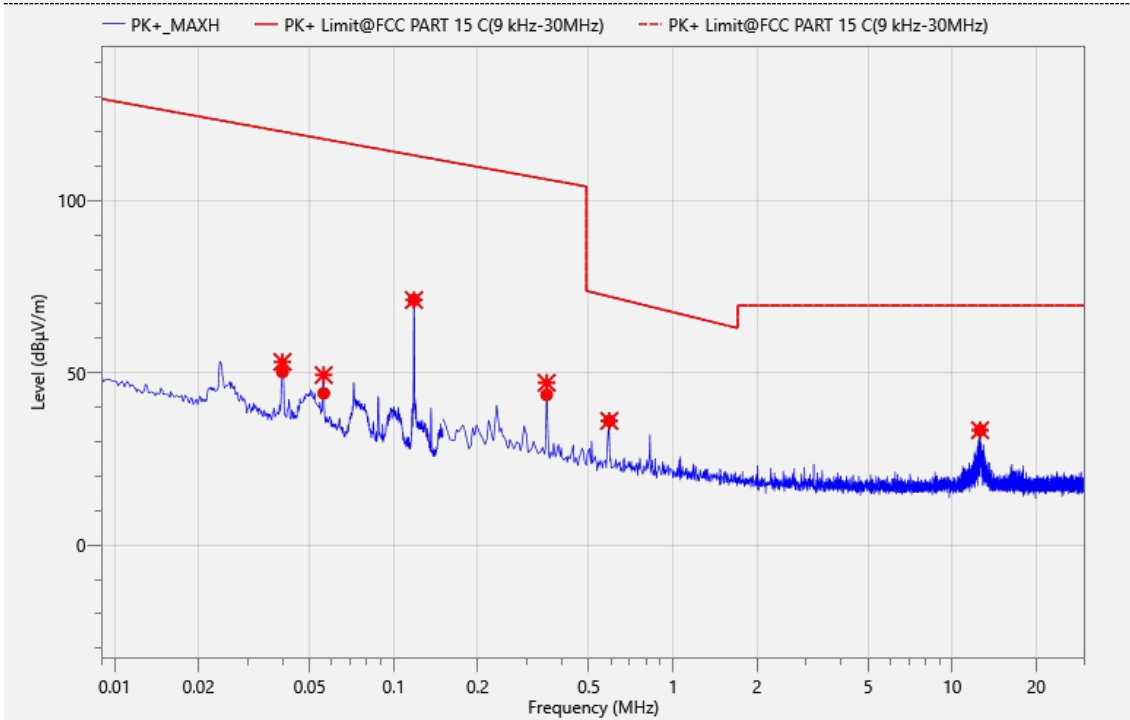
Project No. :	ENB2606230174W001	Customer :	MotoMotion China Corporation
Sample No. :	ENB2606230174W001-1-1	EUT :	Wireless Charger
Model :	WG12-1	Mode :	TX
Voltage :	DC 15V	Engineer :	WK Luo
Temp. :	23°C	Humi. :	69%
Reviewed By :	/	Remark :	X



Final_Result (Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.	Verdict
1	0.118	48.72	25.91	74.63	113.13	38.50	PK+	X	PASS
2	0.234	17.12	26.17	43.29	108.80	65.51	PK+	X	PASS
3	0.234	14.34	26.17	40.51	108.80	68.29	AVG	X	PASS
4	0.353	24.68	26.16	50.84	106.17	55.33	PK+	X	PASS
5	0.353	20.03	26.16	46.19	106.17	59.98	AVG	X	PASS
6	0.589	14.80	26.19	40.99	72.20	31.21	PK+	X	PASS
7	0.589	12.22	26.19	38.41	72.20	33.79	AVG	X	PASS
8	0.828	8.02	26.3	34.32	69.25	34.93	PK+	X	PASS
9	12.475	8.50	26.32	34.82	69.54	34.72	PK+	X	PASS

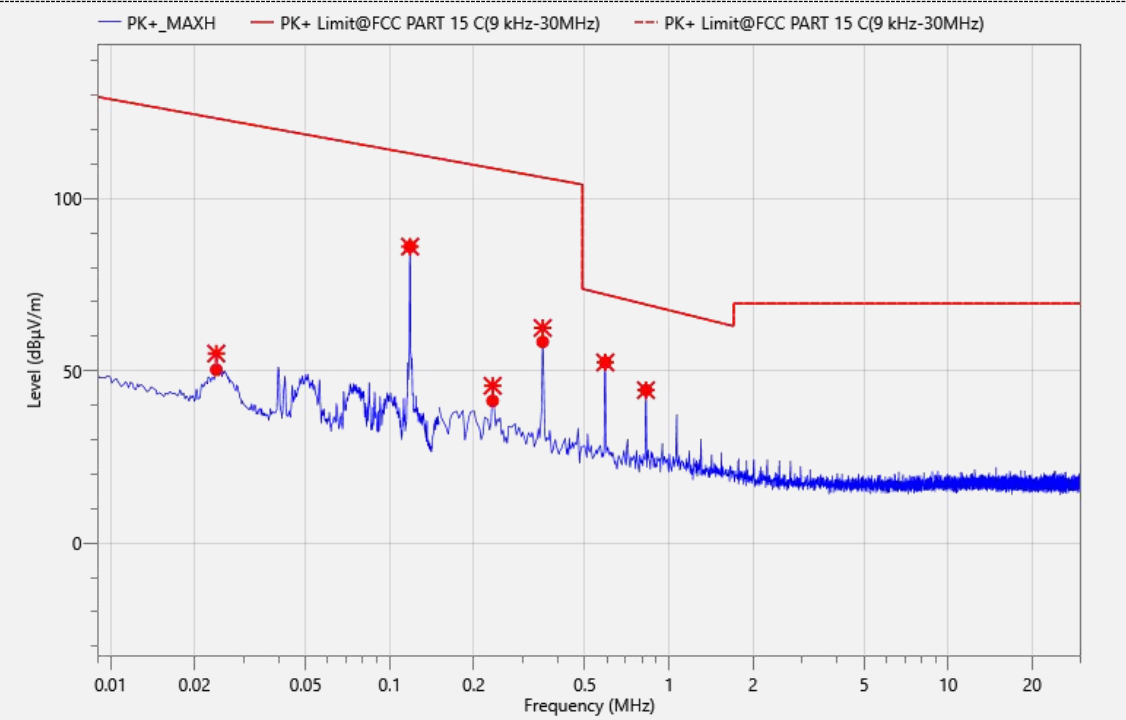
Project No. :	ENB2606230174W001	Customer :	MotoMotion China Corporation
Sample No. :	ENB2606230174W001-1-1	EUT :	Wireless Charger
Model :	WG12-1	Mode :	TX
Voltage :	DC 15V	Engineer :	WK Luo
Temp. :	23°C	Humi. :	69%
Reviewed By :	/	Remark :	Y



Final Result (Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.	Verdict
1	0.040	26.95	26.21	53.16	120.04	66.88	PK+	Y	PASS
2	0.040	24.03	26.21	50.24	120.04	69.80	AVG	Y	PASS
3	0.056	23.15	26.21	49.36	117.87	68.51	PK+	Y	PASS
4	0.056	17.84	26.21	44.05	117.87	73.82	AVG	Y	PASS
5	0.118	45.22	25.91	71.13	113.13	42.00	PK+	Y	PASS
6	0.353	20.94	26.16	47.10	106.17	59.07	PK+	Y	PASS
7	0.353	17.45	26.16	43.61	106.17	62.56	AVG	Y	PASS
8	0.592	9.84	26.2	36.04	72.16	36.12	PK+	Y	PASS
9	12.600	7.01	26.34	33.35	69.54	36.19	PK+	Y	PASS

Project No. :	ENB2606230174W001	Customer :	MotoMotion China Corporation
Sample No. :	ENB2606230174W001-1-1	EUT :	Wireless Charger
Model :	WG12-1	Mode :	TX
Voltage :	DC 15V	Engineer :	WK Luo
Temp. :	23℃	Humi. :	69%
Reviewed By :	/	Remark :	Z

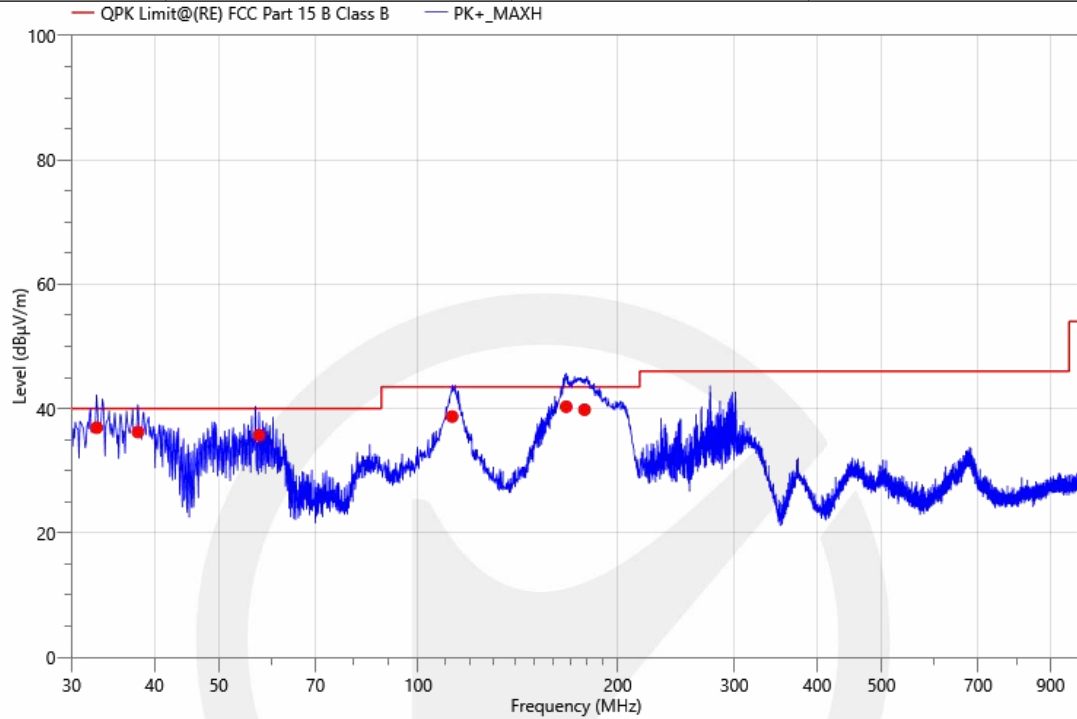


Final Result (Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.	Verdict
1	0.024	29.07	25.95	55.02	123.30	68.28	PK+	Z	PASS
2	0.024	24.37	25.95	50.32	123.30	72.98	AVG	Z	PASS
3	0.118	60.15	25.91	87.07	113.13	27.07	PK+	Z	PASS
4	0.234	19.48	26.17	45.65	108.80	63.15	PK+	Z	PASS
5	0.234	15.10	26.17	41.27	108.80	67.53	AVG	Z	PASS
6	0.353	36.28	26.16	62.44	106.17	43.73	PK+	Z	PASS
7	0.353	32.23	26.16	58.39	106.17	47.78	AVG	Z	PASS
8	0.592	26.24	26.2	52.44	72.16	19.72	PK+	Z	PASS
9	0.828	18.09	26.3	44.39	69.25	24.86	PK+	Z	PASS

30MHz-1GHz:

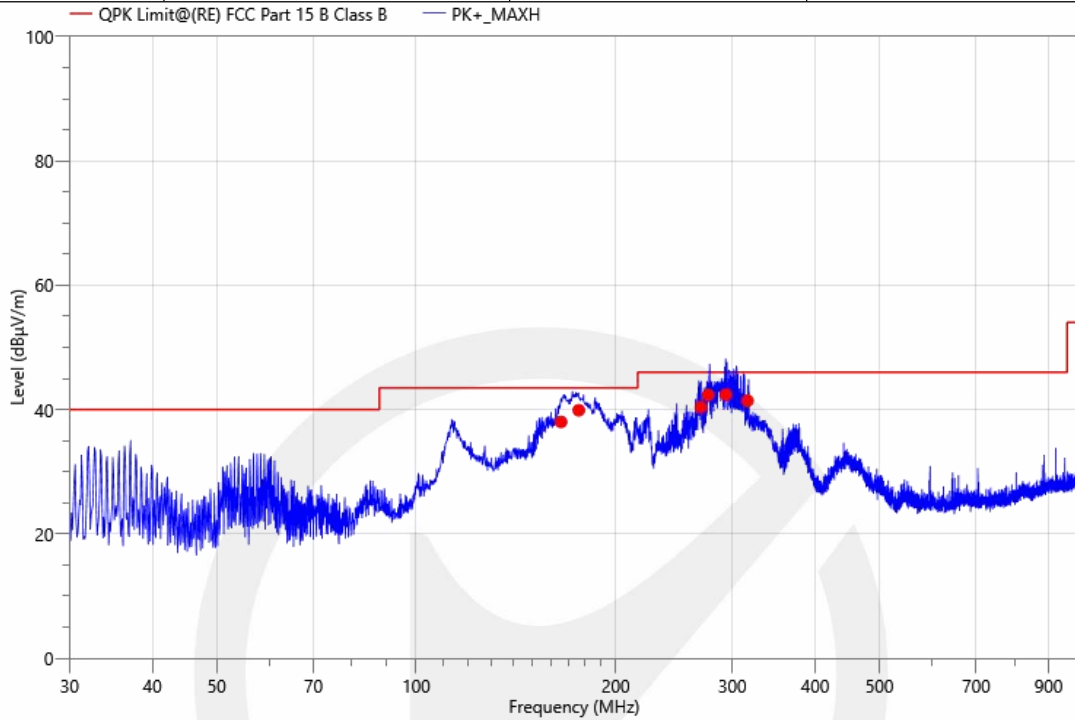
Project Information			
Mode:	TX	Voltage:	DC 15V
Environment:	Temp: 24℃; Humi:70%	Engineer:	Alan Yu



Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
32.734	62.07	-25.15	36.92	40.00	3.08	PK+	V
37.774	60.97	-24.74	36.23	40.00	3.77	PK+	V
57.555	61.18	-25.46	35.72	40.00	4.28	PK+	V
112.540	65.03	-26.31	38.72	43.50	4.78	PK+	V
167.255	67.07	-26.76	40.31	43.50	3.19	PK+	V
178.231	65.81	-25.99	39.82	43.50	3.68	PK+	V

Project Information

Mode:	TX	Voltage:	DC 15V
Environment:	Temp: 24℃; Humi:70%	Engineer:	Alan Yu



Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
165.408	64.85	-26.82	38.03	43.50	5.47	PK+	H
175.953	66.08	-26.18	39.90	43.50	3.60	PK+	H
268.977	63.16	-22.77	40.39	46.00	5.61	PK+	H
276.000	65.16	-22.81	42.35	46.00	3.65	PK+	H
293.437	64.84	-22.43	42.41	46.00	3.59	PK+	H
316.187	62.86	-21.43	41.43	46.00	4.57	PK+	H

7. ANTENNA APPLICATION

7.1. Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

For intentional device, according to FCC 47 CFR Section 15.203, 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.

7.2. Result

Pass

Note: The EUT has 1 antenna: The internal antenna gain is 0.0 dBi;

- ☒ Antenna use a permanently attached antenna which is not replaceable.
- ☐ Not using a standard antenna jack or electrical connector for antenna replacement
- ☐ The antenna has to be professionally installed (please provide method of installation) which in accordance to section 15.203, please refer to the internal photos.

*** End of Report ***

声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效;

This report will be void without authorized signature or special seal for testing report.

2. 未经许可本报告不得部分复制;

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效, 委托方对样品的代表性和资料的真实性负责;

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内, 仅作为客户委托、科研、教学或内部质量控制等目的使用;

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定, 未考虑不确定度所带来的风险, 本实验室不承担相关责任, 特别约定、标准或规范中有明确规定的除外;

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检测报告若有异议, 请于收到报告之日起 20 日内提出;

Objections shall be raised within 20 days from the date receiving the report.