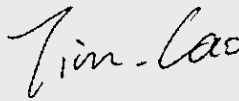




Test report No:  
2410240R-RF-US-P06V01

## FCC TEST REPORT

Product Name	INDUCTIVE CHARGER
Trademark	BCS
Model and /or type reference	P2763 15W Inductive Charger
FCC ID	2AXPS-P2763-WPC
Applicant's name / address	BCS Automotive Interface Solutions(Suzhou)Co.,Ltd No.2052 Taidong Road Xiangcheng Economic Development District,215413 Suzhou China
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao/ Project Manager 
Approved by (name / position & signature)	Jack Zhang/ Manager 
Date of issue	2024-02-26
Report Version	V1.1
Report template No	Template_FCC Part 15C-RF-V1.0

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## COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

## GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Jan. 09, 2024
Date (start test)	Jan. 15, 2024
Date (finish test)	Jan. 24, 2024

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

## ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

## POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

## ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
$U_N$	: Nominal voltage
$T_x$	: Transmitter
$R_x$	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

## DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2410240R-RF-US-P06V01	V1.0	Initial issue of report.	2024-02-22
2410240R-RF-US-P06V01	V1.1	Page 30: Add measurement results reference chart. (The test report No.: 2410240R-RF-US-P06V01 V1.1 is to replace the test report No.: 2410240R-RF-US-P06V01 V1.0, and test report 2410240R-RF-US-P06V01 V1.0 is obsoleted.)	2024-02-26

## REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with FCC CFR Title 47 Part 15 Subpart C.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
  - Chapter 1.1 General Description of the Item(s);
  - Chapter 1.2 Antenna Informaion;
  - Chapter 1.3 Channel List.

## USED EQUIPMENT

Field Strength of Spurious/ Channel Bandwidth (9kHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2023.05.20	2024.05.19
Loop Antenna	R&S	HFH2-Z2E	101149	2023.04.25	2024.04.24
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2023.02.20	2024.02.19
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2023.05.21	2024.05.20
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2023.05.19	2024.05.18
Dekra test software	Dekra	N/A	N/A	N/A	N/A

## UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95% .

Test item	Uncertainty
AC Power Line Conducted Emission	150kHz~30MHz: 2.40dB
Radiated Emission(9kHz~30MHz)	Horizontal: 9kHz~30MHz: 2.10 dB Vertical: 30MHz~200MHz: 2.30 dB
Radiated Emission(30MHz~1GHz)	$\pm 3.80$ dB
Occupied Bandwidth	$\pm 150$ Hz



# 1 GENERAL INFORMATION

## 1.1 General Description of the Item(s)

Product Name..... :	INDUCTIVE CHARGER
Model No. .... :	P2763 15W Inductive Charger
Trademark ..... :	BCS
FCC ID ..... :	2AXPS-P2763-WPC
Manufacturer..... :	BCS Automotive Interface Solutions(Suzhou)Co.,Ltd
Manufacturer Address..... :	No.2052 Taidong Road Xiangcheng Economic Development District,215413 Suzhou China

Operating Frequency Range ..... :	127.4~128.1kHz
Type of Modulation..... :	ASK
Number of Channel..... :	1
Operating Temperature Range..... :	-40°C ~ 85°C

Rated power supply .....	Voltage and Frequency	
	<input type="checkbox"/>	AC: 220 – 240 Vac, 50 / 60 Hz,
	<input type="checkbox"/>	AC: 100 – 240 Vac, 50 / 60 Hz
	<input checked="" type="checkbox"/>	DC: 12 Vdc
	<input type="checkbox"/>	Battery: 12 Vdc
	<input type="checkbox"/>	Adapter:
Adapter..... :	N/A	
	N/A	
Mounting position..... :	<input type="checkbox"/>	Table top equipment
	<input type="checkbox"/>	Wall/Ceiling mounted equipment
	<input type="checkbox"/>	Floor standing equipment
	<input type="checkbox"/>	Hand-held equipment
	<input checked="" type="checkbox"/>	Other: Equipment for vehicular use

## 1.2 Antenna Information

Antenna Model.....:	N/A		
Antenna Delivery .....	<input checked="" type="checkbox"/>	1TX + 1RX	
	<input type="checkbox"/>	2TX + 2RX	
	<input type="checkbox"/>	Others:.....	
Antenna technology.....:	<input checked="" type="checkbox"/>	SISO	
	<input type="checkbox"/>	MIMO	<input type="checkbox"/> CDD
			<input type="checkbox"/> Beam-forming
Antenna Type.....:	<input type="checkbox"/>	External	<input type="checkbox"/> Dipole
			<input type="checkbox"/> Sectorized
	<input checked="" type="checkbox"/>	Internal	<input type="checkbox"/> Ceramic Chip
			<input type="checkbox"/> PIFA
			<input type="checkbox"/> PCB
			<input checked="" type="checkbox"/> Others: Coil antenna

### 1.3 Channel List

Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	127.772 kHz	--	--	--	--	--	--

Note: The General Description of the Item , antenna information and Channel List for the EUT in clause 1 are provided and confirmed by the client.

## 2 DESCRIPTION OF TEST SETUP

### 2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

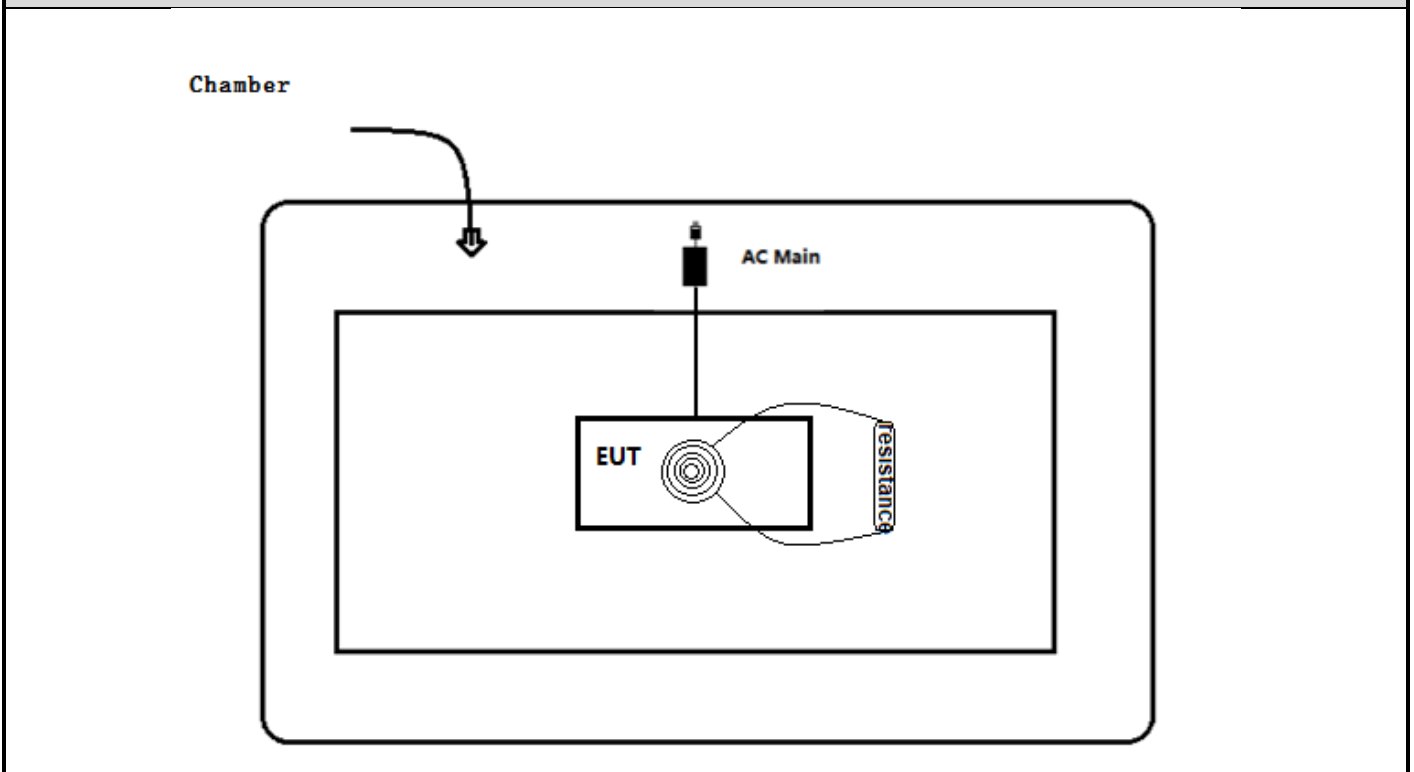
Test Mode For WPT	Mode 1: Transmit
-------------------	------------------

### 2.2 Auxiliary equipment / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
Load resistance	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A

### 2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- Radiated Test



---

## 2.4 Testing process

1	Setup the EUT as shown in Section 2.3.
2	Turn on the power of equipment.
3	Verify that the EUT works properly.

### 3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

#### 3.1 Standards

Standard	Year	Description
CFR 47, FCC Part 15 C	2023	Intentional Radiators
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

#### 3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

*(Please define the deviations from the standard(s) if applicable)*

### 3.3 Overview of results

Requirement – Test case	Basic standard(s)	Verdict
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.207	N/A <sup>1)</sup>
Field Strength of Spurious	FCC CFR Title 47 Part 15 Subpart C Section 15.209	PASS
Channel Bandwidth	FCC CFR Title 47 Part 15 Subpart C Section 15.215(c)	PASS
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: Section 15.203	PASS

Note 1: Not applicable, this device supplied by DC.

Performed Test Item	Remark
Field Strength of Spurious	Test data please refer to <b>Appendix A</b>
Channel Bandwidth	Test data please refer to <b>Appendix B</b>

### 3.4 Test Matrix

Test item	Model: P2763 15W Inductive Charger		
	1(#1)	2()	3()
Field Strength of Spurious	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel Bandwidth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Antenna Requirement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



---

### 3.5 Test Facility

USA : FCC Designation Number: CN1199

## 4 TEST RESULTS

### 4.1 AC Power Line Conducted Emission

VERDICT: N/A

#### 4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.207	
Frequency range [MHz]	Limit: QP [dB(μV) <sup>1)</sup>	Limit: AV [dB(μV) <sup>1)</sup>
0,15 - 0,50	66 - 56 <sup>2)</sup>	56 - 46 <sup>2)</sup>
0,50 - 5,0	56	46
5,0 - 30	60	50

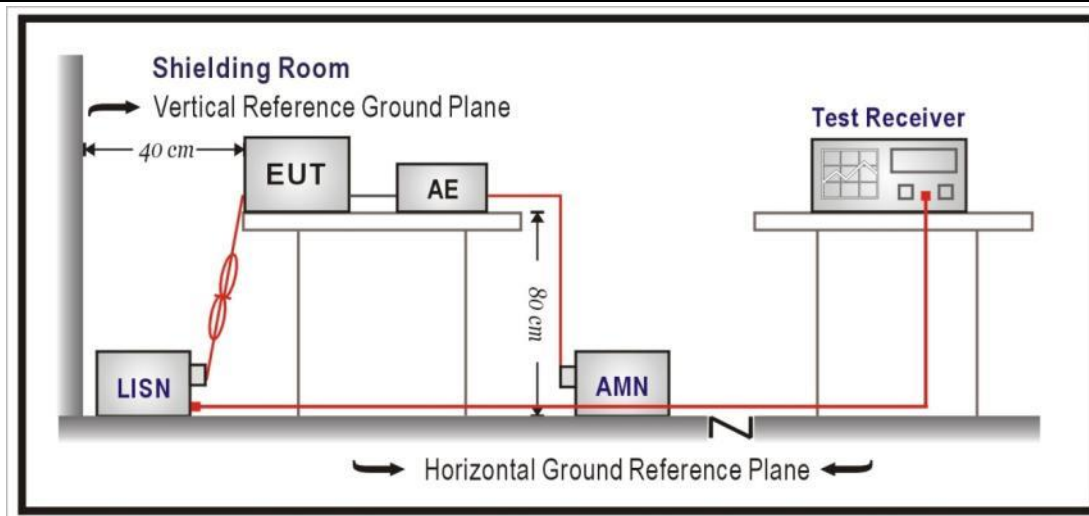
<sup>1)</sup> At the transition frequency, the lower limit applies.

<sup>2)</sup> The limit decreases linearly with the logarithm of the frequency.

**NOTE 1:** The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

**NOTE 2:** Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

#### 4.1.2 Test Setup



#### 4.1.3 Test Procedure

References Rule	Chapter	Item
<input checked="" type="checkbox"/> ANSI C63.10:2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

<b>4.2 Field Strength of Spurious</b>	<b>VERDICT: PASS</b>
---------------------------------------	----------------------

<b>4.2.1 Limit</b>			
Standard	FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 <sub>(Note 1)</sub>
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 <sub>(Note 1)</sub>
1.705 - 30	30	29.5	30 <sub>(Note 1)</sub>
30 - 88	100	40	3 <sub>(Note 2)</sub>
88 - 216	150	43.5	3 <sub>(Note 2)</sub>
216 - 960	200	46	3 <sub>(Note 2)</sub>
Above 960	500	54	3 <sub>(Note 2)</sub>

Note 1: The tighter limits apply at the band edges.

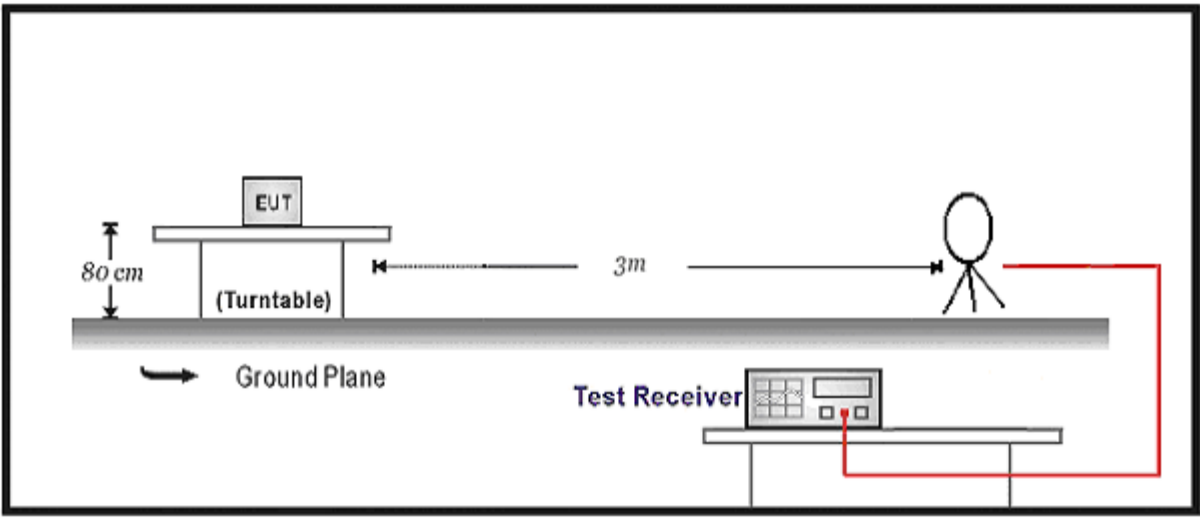
Note 2: Measurements were performed at 10m and the data was extrapolated to the specified measurement distance of 300m using the square of an inverse linear distance extrapolation factor (40 dB/decade) as specified in §15.31(f)(2).  
 Extrapolation Factor =  $40 \log_{10}(300/10) = 59\text{dB}$  for example.

Measurements were performed at 10m and the data was extrapolated to the specified measurement distance of 30m using the square of an inverse linear distance extrapolation factor (40 dB/decade) as specified in §15.31(f)(2).  
 Extrapolation Factor =  $40 \log_{10}(30/10) = 19\text{dB}$  for example.

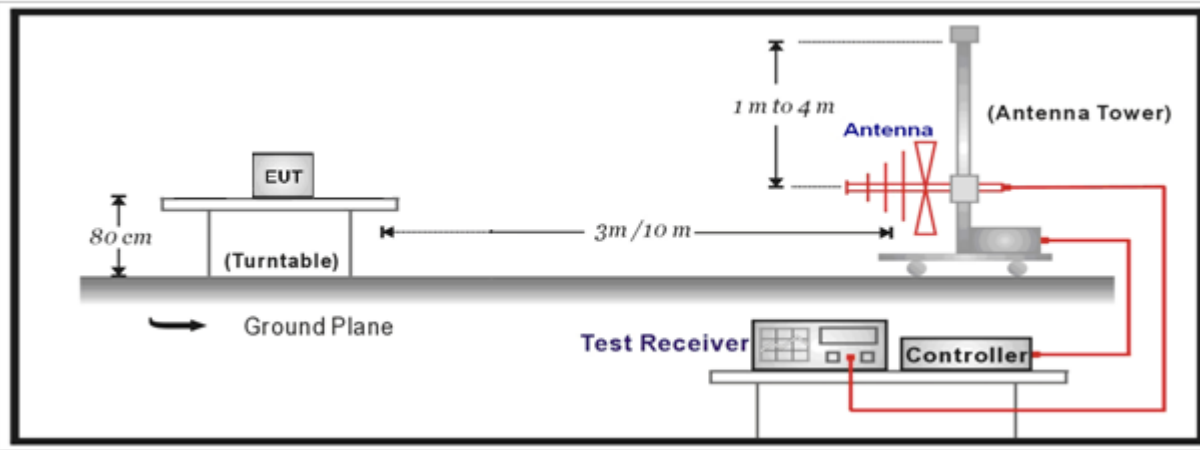
Note 3: All measurements were performed using a loop antenna. The antenna was positioned in three orthogonal positions (X front, Y side, Z top) and the position with the highest emission level was recorded.

### 4.2.2 Test Setup

Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



### 4.2.3 Test Procedure

	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.12	Emissions in restricted frequency bands
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
	<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	<input type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

### 4.3 Channel Bandwidth

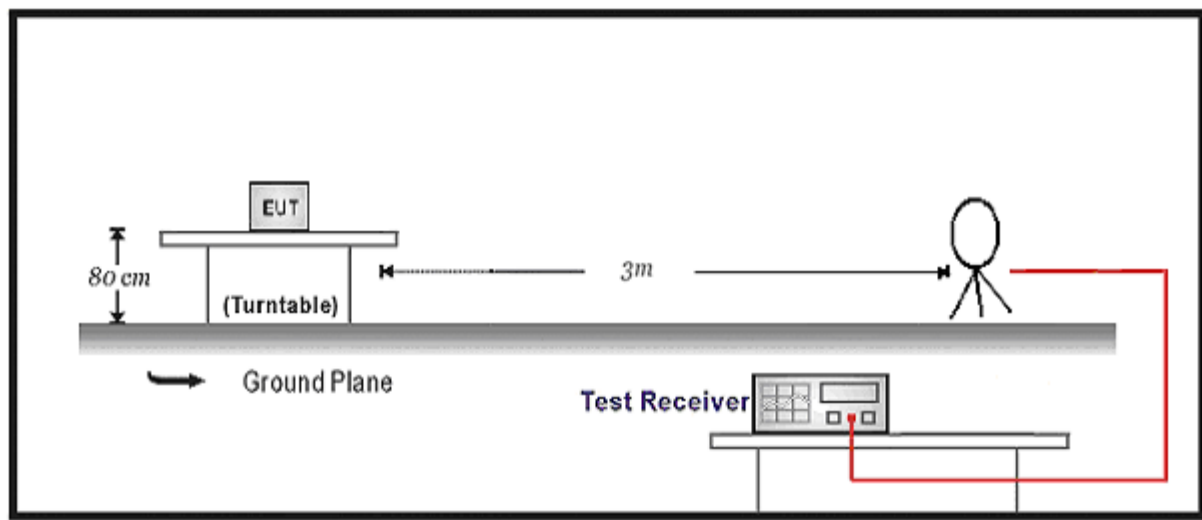
VERDICT: PASS

#### 4.3.1 Limit

Standard FCC Part 15 Subpart C

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.215(c), must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

#### 4.3.2 Test Setup



#### 4.3.3 Test Procedure

The bandwidth of the fundamental frequency was measured by spectrum analyzer with the RBW 1%~5% of 20dBc bandwidth and the VBW three times of the RBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

<b>4.4 Antenna Requirement</b>	<b>VERDICT: PASS</b>
--------------------------------	----------------------

**4.4.1 Limit:**

<b>Standard</b>	FCC Part 15 Subpart C Paragraph 15.203
<p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible LE 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 any 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 by LE, 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 LE for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.</p>	

**4.4.2 Antenna Connector Construction:**

<input checked="" type="checkbox"/>	The use of a permanently attached antenna
<input type="checkbox"/>	The antenna use of a unique coupling to the intentional radiator
<input type="checkbox"/>	The use of a nonstandard antenna jack or any electrical connector
<p>Please refer to the attached document "Internal Photograph" to show the antenna connector.</p>	

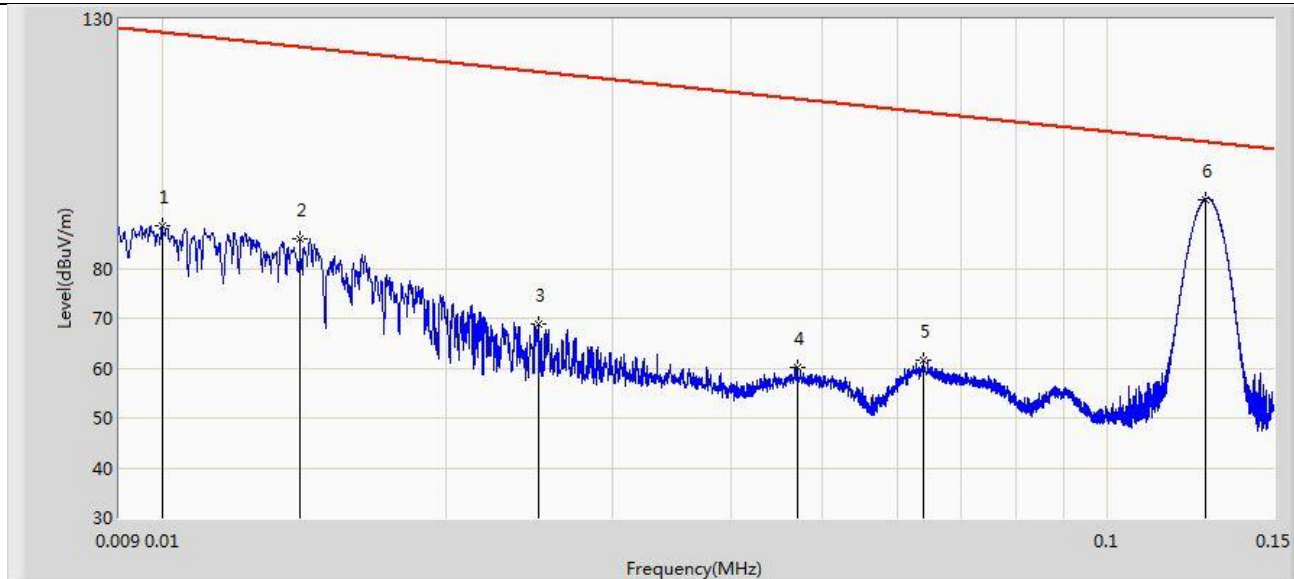
---

## 5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

### APPENDIX A: Field Strength of Spurious

Profile: 2410240R	Page No.: 1
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 09:57
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	

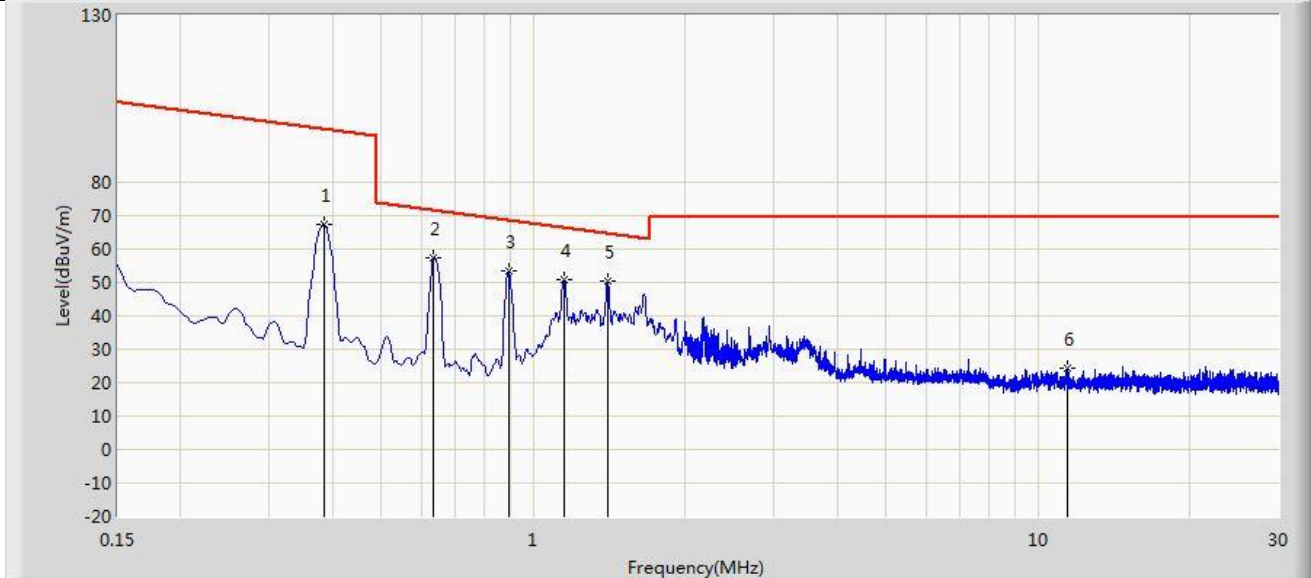


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.010	88.462	67.400	-39.023	127.485	21.062	PK
2		0.014	85.839	64.652	-38.726	124.564	21.187	PK
3		0.025	68.781	47.253	-50.750	119.531	21.527	PK
4		0.047	60.097	38.144	-53.953	114.051	21.953	PK
5		0.064	61.543	39.608	-49.828	111.371	21.935	PK
6	*	0.127	93.827	71.964	-11.595	105.421	21.863	PK

Note: Mark 6 is the fundamental emission; Mark 1~3 are noise floor.

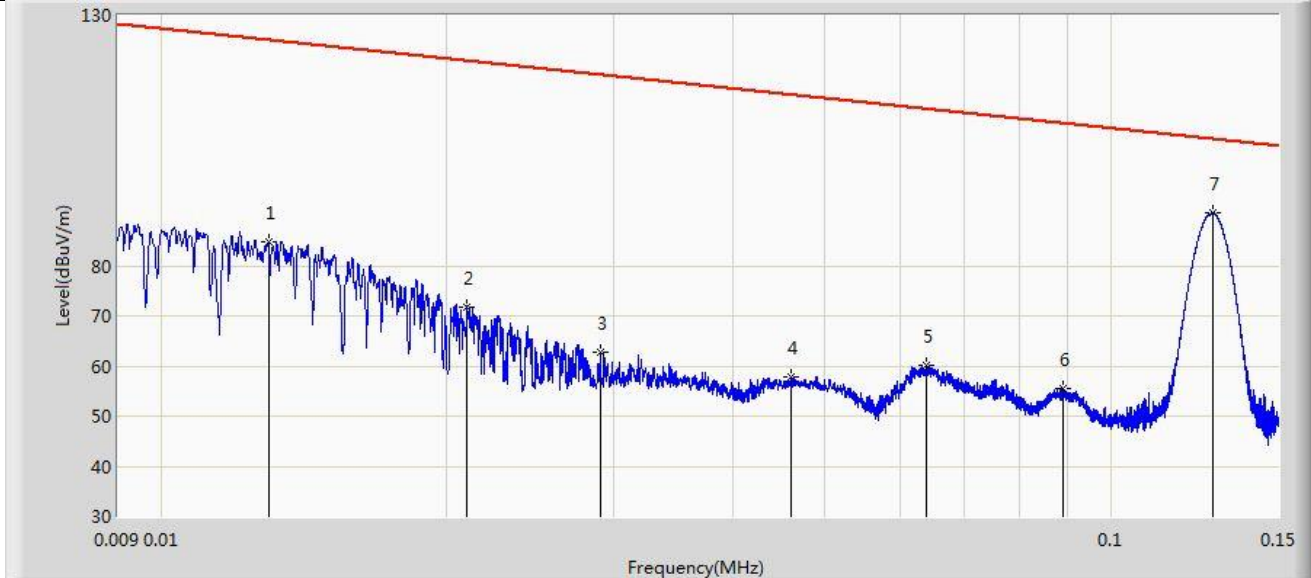


Profile: 2410240R	Page No.: 2
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 09:58
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.385	67.460	45.863	-28.333	95.794	21.597	PK
2		0.635	57.192	36.128	-14.263	71.455	21.064	PK
3		0.893	53.267	32.994	-15.235	68.502	20.273	PK
4		1.150	50.985	30.892	-15.326	66.311	20.093	PK
5	*	1.404	50.336	29.987	-14.246	64.582	20.349	PK
6		11.422	24.515	3.745	-44.885	69.400	20.770	PK

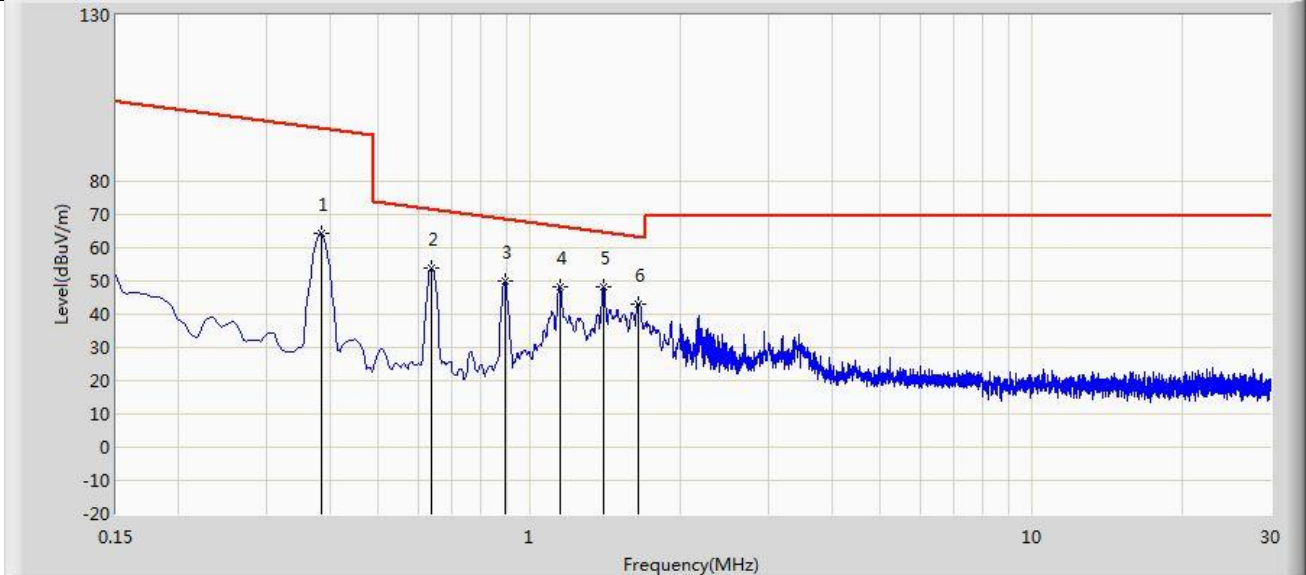
Profile: 2410240R	Page No.: 3
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 09:58
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.013	84.715	64.059	-40.493	125.208	20.655	PK
2		0.021	71.864	50.960	-49.181	121.045	20.904	PK
3		0.029	62.759	41.607	-55.483	118.242	21.152	PK
4		0.046	57.689	36.234	-56.549	114.237	21.455	PK
5		0.064	60.075	38.640	-51.296	111.371	21.435	PK
6		0.089	55.634	34.228	-52.874	108.508	21.406	PK
7	*	0.128	90.447	69.085	-14.907	105.353	21.362	PK

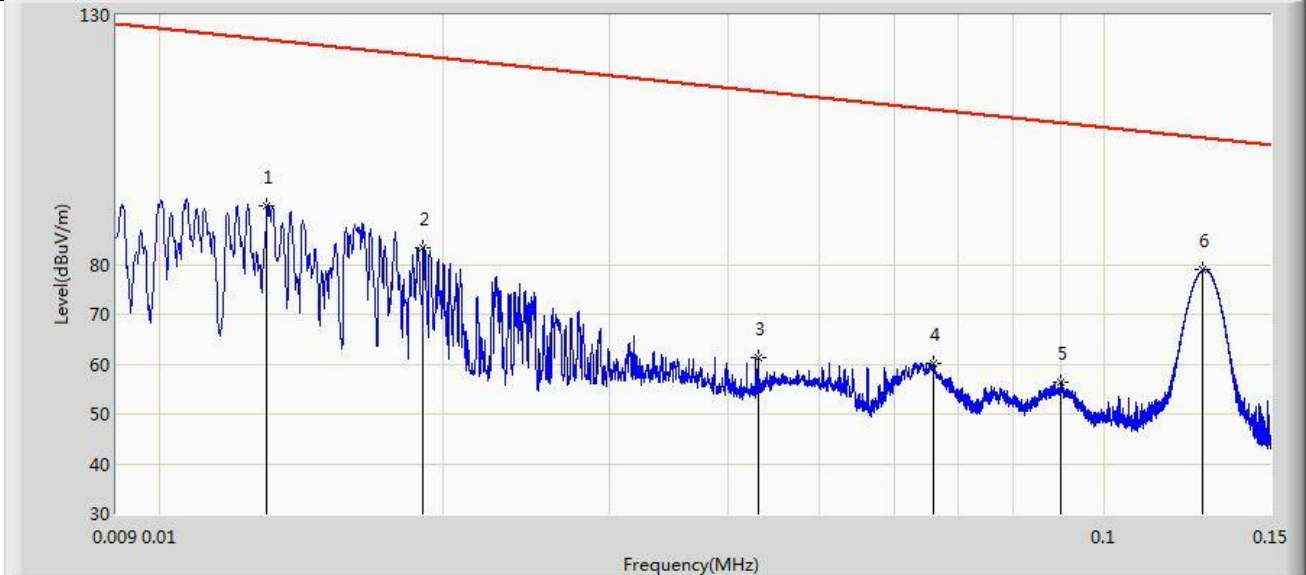
Note: Mark 6 is the fundamental emission; Mark 1~3 are noise floor.

Profile: 2410240R	Page No.: 4
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 09:58
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.385	64.202	43.105	-31.591	95.794	21.097	PK
2		0.639	53.789	33.237	-17.612	71.400	20.552	PK
3		0.893	50.050	30.277	-18.452	68.502	19.773	PK
4		1.150	48.312	28.719	-17.999	66.311	19.593	PK
5	*	1.407	48.316	28.463	-16.248	64.564	19.853	PK
6		1.650	43.198	23.096	-19.986	63.184	20.102	PK

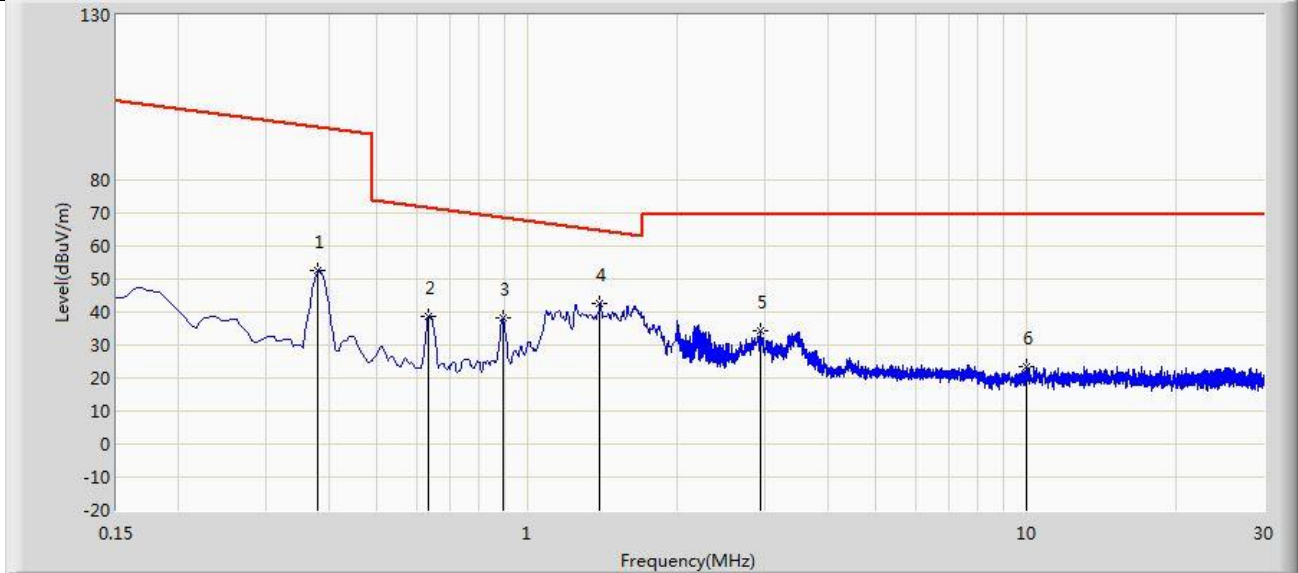
Profile: 2410240R	Page No.: 5
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 10:02
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.013	91.692	71.036	-33.516	125.208	20.655	PK
2		0.019	83.380	62.538	-38.534	121.913	20.841	PK
3		0.043	61.226	39.768	-53.597	114.823	21.458	PK
4		0.066	60.038	38.605	-51.066	111.103	21.433	PK
5		0.090	56.386	34.981	-52.025	108.411	21.405	PK
6	*	0.127	78.923	57.560	-26.499	105.421	21.363	PK

Note: Mark 6 is the fundamental emission; Mark 1~3 are noise floor.

Profile: 2410240R	Page No.: 6
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 10:05
Limit: FCC Part15 section 15.209	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z Axis
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: mode 1: Transmit	



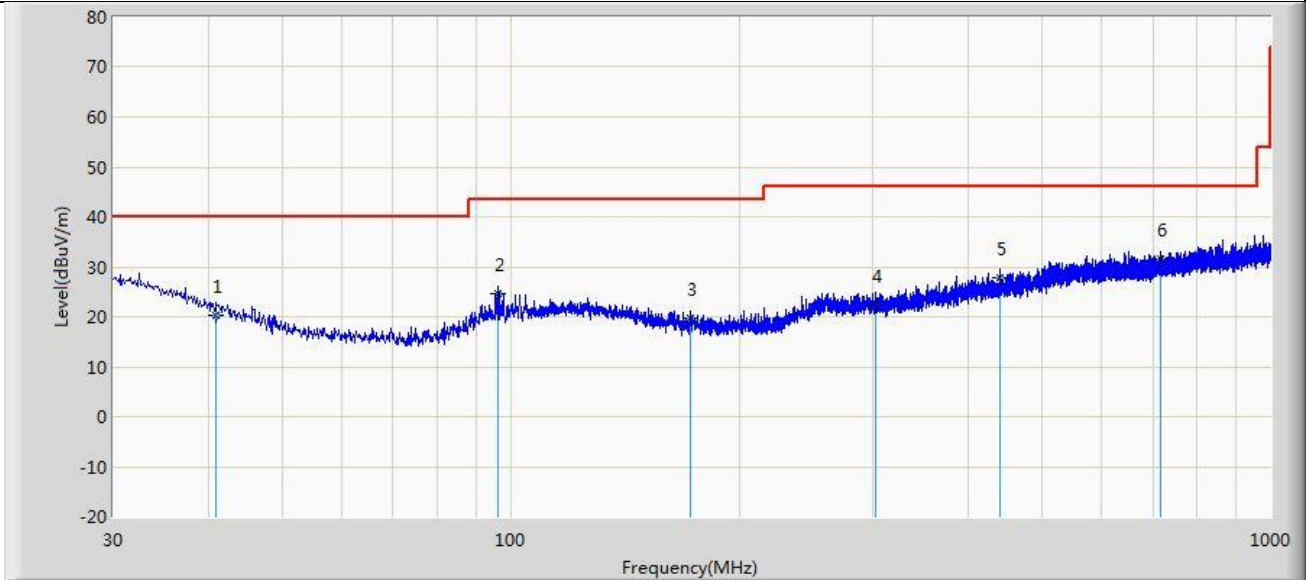
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.381	52.527	31.426	-43.357	95.884	21.101	PK
2		0.635	38.755	18.191	-32.700	71.455	20.564	PK
3		0.893	38.062	18.289	-30.440	68.502	19.773	PK
4	*	1.400	42.684	22.839	-21.924	64.607	19.844	PK
5		2.937	34.447	14.105	-34.953	69.400	20.342	PK
6		10.008	23.570	3.494	-45.830	69.400	20.076	PK

**Radiation spurious measurement results reference chart(9kHz~150kHz):**



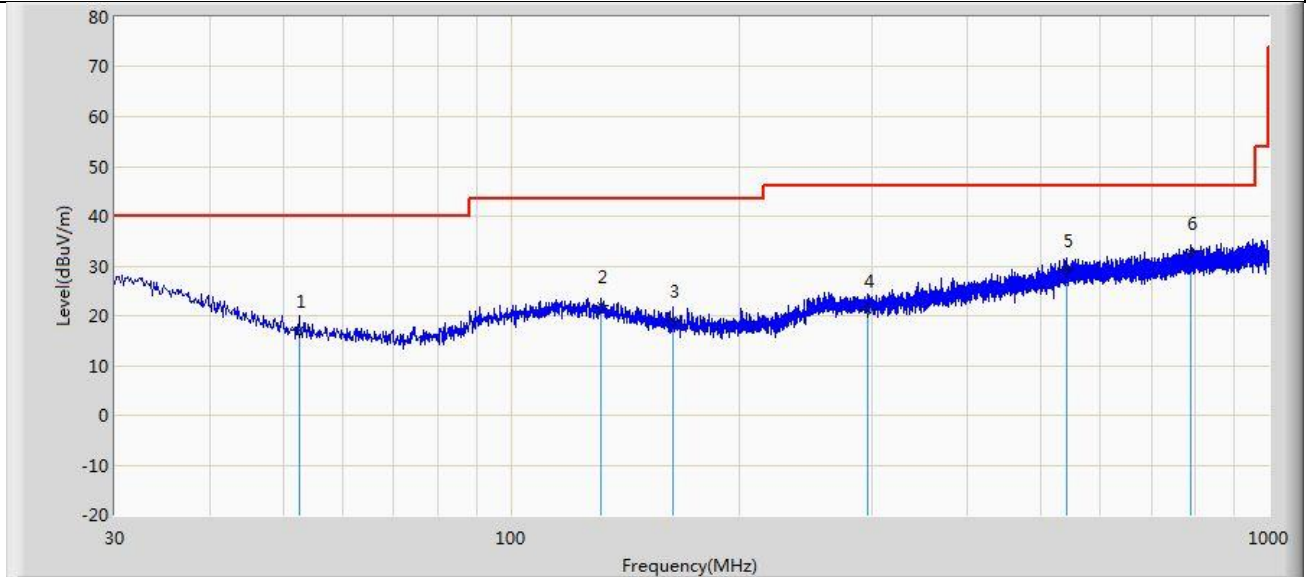
Note1: This data is measured at zero distance between the reference antenna and the EUT. It is only used to prove that there are no signals above the fundamental frequency within this test range. The measured values here cannot be used as test results.

Profile: 2410240R	Page No.: 1
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 10:19
Limit: FCC_Part 15.209_RE (3m)	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: Mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		41.034	20.199	1.173	-19.801	40.000	19.026	QP
2		96.445	24.520	7.203	-18.980	43.500	17.318	QP
3		172.590	19.721	3.047	-23.779	43.500	16.674	QP
4		302.691	22.380	1.443	-23.620	46.000	20.936	QP
5		441.522	27.914	3.447	-18.086	46.000	24.467	QP
6	*	716.518	31.540	3.555	-14.460	46.000	27.985	QP

Profile: 2410240R	Page No.: 2
Engineer: Pengchengyang	
Site: AC2	Time: 2024/01/23 - 10:22
Limit: FCC_Part 15.209_RE (3m)	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: INDUCTIVE CHARGER	Power: 12Vdc
Note: Mode 1: Transmit	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		52.553	17.158	2.989	-22.842	40.000	14.169	QP
2		131.607	21.950	3.037	-21.550	43.500	18.913	QP
3		163.375	19.268	2.368	-24.232	43.500	16.900	QP
4		295.052	21.220	0.531	-24.780	46.000	20.689	QP
5		541.675	29.245	2.368	-16.755	46.000	26.876	QP
6	*	789.389	32.710	3.493	-13.290	46.000	29.217	QP

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measurement Level = Reading Level + Factor(Probe+Cable-Amp).



### APPENDIX B: Channel Bandwidth

Mode	Test Freq. (kHz)	20dB Occupied Bandwidth (Hz)	99% Occupied Bandwidth (Hz)	Result
1	127.7	120	465	Pass



Note: Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW. And the signal was narrowband, therefore it was impossible to set RBW within 1% – 5%.

The End