FCC Test Report

Product Name ： WIRELESS POWER TRANSMISSION SYSTEM
Model No. ： JOYA TOUCH SINGLE SLOT DOCK LOCKING

Applicant ： DATALOGIC SRL
Address ： Via S. Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy

Date of Receipt ： 2017/08/14
Report No. ： 1780285R-ITUSP04V00
Issued Date ： 2017/10/27
Report Version ： V2.0

Test Report Certification

Issued Date : 2017/10/27
Report No. : 1780285R-ITUSP04V00

Product Name	:	WIRELESS POWER TRANSMISSION SYSTEM
Applicant	:	DATALOGIC SRL
Address	:	Via S. Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy
Manufacturer	:	DATALOGIC SRL
Model No.	:	JOYA TOUCH SINGLE SLOT DOCK LOCKING
EUT Voltage	:	AC 100-240V, 50/60Hz
Trade Name	:	Datalogic
Applicable Standard	:	FCC Part 18: 2015, MP-5: 1986, RSS-216 Issue 2: 2016 ANSI C63.4: 2014, ICES-001 Issue 4: 2006
Test Result	:	Complied
Laboratory Name	:	Hsin Chu Laboratory
Address	:	No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan, R.O.C. TEL: +886-3-582-8001 / FAX: +886-3-582-8958

Documented By : Lyla Yang

(Lyla Yang / Engineering Adm. Specialist)

Tested By : Hornet Liu

(Hornet Liu / Senior Engineer)

Approved By : Arthur Liu

(Arthur Liu / Deputy Manager)

Laboratory Information

We , **DEKRA Testing and Certification Co., Ltd.**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

Taiwan R.O.C.	**:**	**BSMI, NCC, TAF**
USA	**:**	**FCC**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:
http://www.dekra.com.tw/english/about/certificates.aspx?bval=5
The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : http://www.dekra.com.tw/index_en.aspx

If you have any comments, Please don't hesitate to contact us. Our test sites as below:

1 No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan (R.O.C.)
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : info.tw@dekra.com
2 No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : info.tw@dekra.com
3 No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.
TEL: +886-3-582-8001 / FAX: +886-3-582-8958 E-Mail : info.tw@dekra.com

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1. General Information

1.1. EUT Description

Product Name	WIRELESS POWER TRANSMISSION SYSTEM
Trade Name	Datalogic
Model No.	JOYA TOUCH SINGLE SLOT DOCK LOCKING

Component	
Power Adapter	EDAC, EA10681U-120 I/P: 100-240V~2.0A, 50-60Hz O/P: 12V ⎓ 6A Cable Out: Non-Shielded, 1.2m, two ferrite cores bonded. Power Cord: Non-Shielded, 2m.

Note:

1. This EUT is a WIRELESS POWER TRANSMISSION SYSTEM.
2. This device is a composite device in accordance with Part 18 regulations. The function for the transmitting was measured and made a test report that number is 1780285R-RFUSP17V01, certified under FCC ID: U4GJNGSSD, IC ID: 3862E-JNGSSD.

1.2. Mode of Operation

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

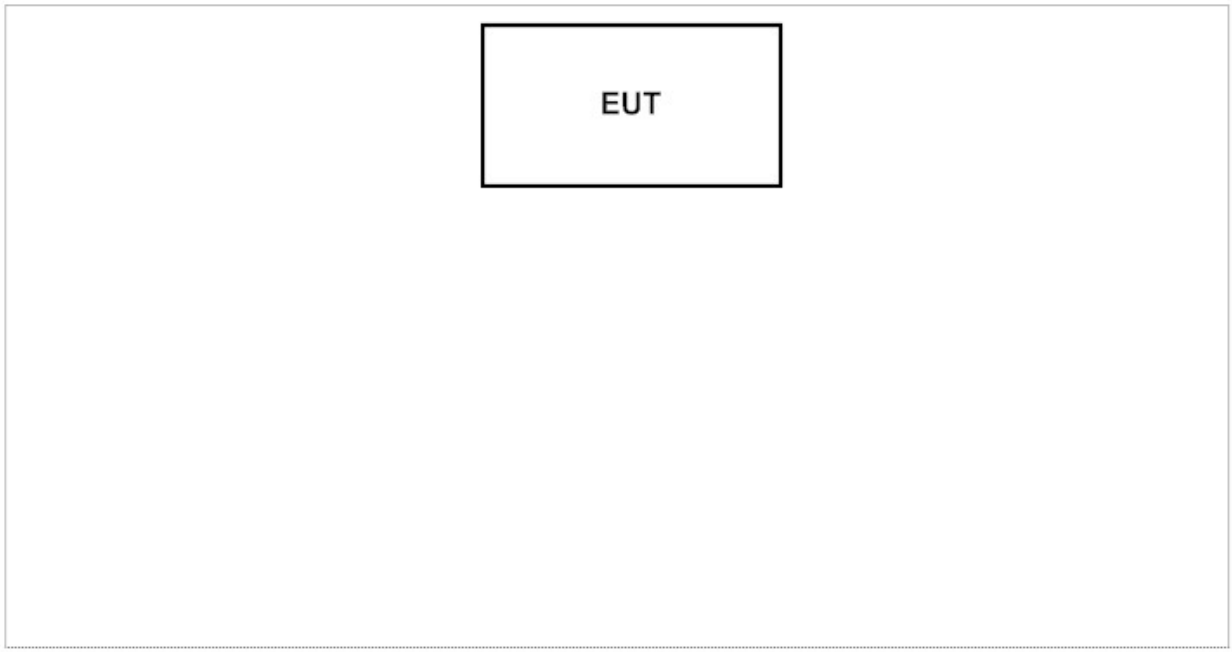
Pre-Test Mode	
Mode 1: Normal Operation (WPT+NFC)	
Final Test Mode	
Emission	Mode 1: Normal Operation (WPT+NFC)

1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	N/A					

1.4. Configuration of Tested System

Connection Diagram


1.5. EUT Exercise Software

1	Test system is in accord with EUT user manual (refer to 1.4 configuration of tested system).
2	Turn on the power of all equipment.
3	Verify the model operation.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Emission				
Performed Item	Normative References	Test Performed	Deviation	Test Site
Conducted Emission	FCC Part 18: 2015, RSS-216, MP-5: 1986, ANSI C63.4: 2014	Yes	No	3
Radiated Emission	FCC Part 18: 2015, RSS-216, MP-5: 1986, ANSI C63.4: 2014	Yes	No	2

Note: Test site information refers to Laboratory Information.

2.2. List of Test Equipment

Conducted Emission / SR2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Test Receiver	R&S	ESCS 30	836858/022	2017/04/12	2018/04/11
Artificial Mains Network	R&S	ENV4200	848411/010	2017/02/06	2018/02/05
LISN	R&S	ENV216	100092	2017/07/31	2018/07/30
Coaxial Cable	Harbour	RG-400	SR2-H	2017/08/15	2018/08/14
Quietek EMI system	Quietek	Version 2.2	SR2-H	N/A	N/A

Radiated Emission / CB1-H (Under 1GHz)

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESR7	101762	2016/11/29	2017/11/28
EMI Test Receiver	R&S	ESR7	101761	2016/11/29	2017/11/28
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2016/12/19	2017/12/18
Pre-Amplifier	QuieTek	AP-025C	CHM-0503002	2017/08/16	2018/08/15
Bilog Antenna	Schaffner	CBL6112B	2891	2017/08/15	2018/08/14
Bilog Antenna	Schaffner Chase	CBL6112B	2914	2017/08/15	2018/08/14
Coaxial cable	Suhner	SF106_104_ SPUMA600	10m-A	2016/12/05	2017/12/04
Coaxial cable	Suhner	SF106_104_ SPUMA600	10m-B	2016/12/05	2017/12/04
Coaxial cable	Suhner	SF106_104	3m-A	2016/12/05	2017/12/04
Coaxial cable	Suhner	SF106_104	3m-B	2016/12/05	2017/12/04
Dr.E EMI system	World Pallas	Version 3.5	CB1-H	N/A	N/A

Radiated Emission (Loop) / SR2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Test Receiver	R&S	ESCS 30	836858/022	2017/04/12	2018/04/11
Triple Loop Antenna	Schwarzbeck	HXYZ 9170	D-69250	2016/11/22	2017/11/21
Quietek EMI system	Quietek	Version 2.2	SR2-H	N/A	N/A

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.26 dB.

Radiated Emission (Under 1GHz)

The measurement uncertainty is evaluated as ± 3.43 dB.

Radiated Emission (Under 30MHz)

The measurement uncertainty is evaluated as ± 2.04 dB.

2.4. Test Environment

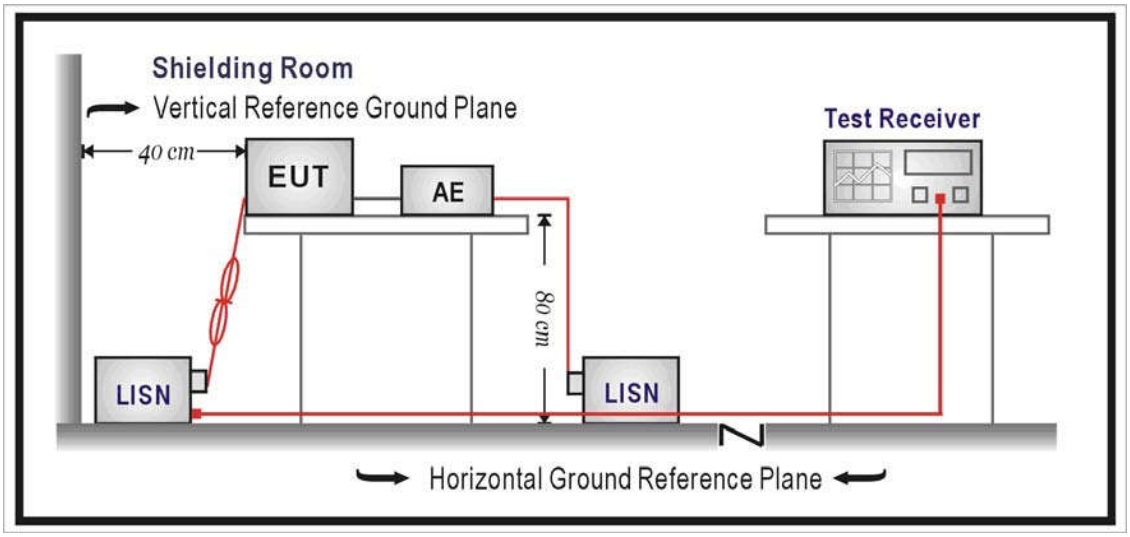
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	50
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission (Under 1GHz)	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	65
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission (Under 30MHz)	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	50
	Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

3.1. Test Specification

According to Standard : FCC Part 18, RSS-216, MP-5, ANSI C63.4

3.2. Test Setup



3.3. Limit

FCC Part 18

Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 – 0.50	66 – 56	56 – 46
0.50 – 5.0	56	46
5.0 – 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

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Frequency range MHz	Induction cooking appliance limits			
	All appliances except 100 V rated appliances without an earth connection		100 V rated appliances without an earth connection	
	Quasi-peak dB(μV)	Average dB(μV)	Quasi-peak dB(μV)	Average dB(μV)
0,009 – 0,050	110	–	122	–
0,050 – 0,148 5	90 Decreasing linearly with logarithm of frequency to 80	–	102 Decreasing linearly with logarithm of frequency to 92	–
0,148 5 – 0,5	66 Decreasing linearly with logarithm of frequency to 56	56 Decreasing linearly with logarithm of frequency to 46	72 Decreasing linearly with logarithm of frequency to 62	62 Decreasing linearly with logarithm of frequency to 52
0,5 – 5	56	46	56	46
5 – 30	60	50	60	50
At the transition frequency, the more stringent limit shall apply.				

3.4. Test Procedure

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The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.
(Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

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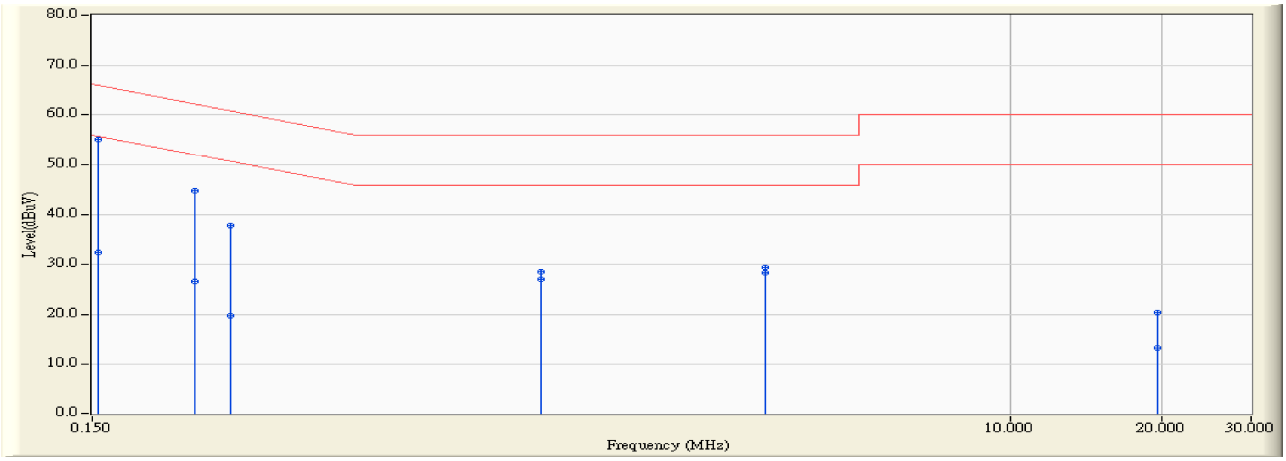
(Please refers to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were invested over the frequency range from 0.009MHz to 30MHz using a receiver, where the resolution bandwidth of the receiver is set as 200Hz at frequency range from 0.009MHz to 0.15MHz and set as 9KHz at frequency range from 0.15MHz to 30MHz.

3.5. Test Result

FCC Part 18

Site : SR2-H	**Time : 2017/08/17**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0712 - Line1	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**

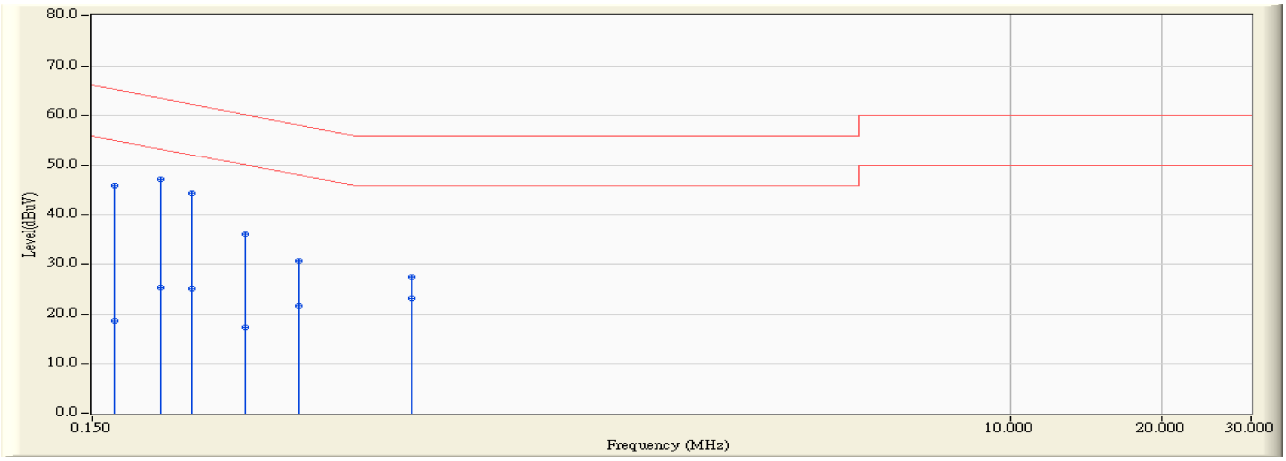


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.747	45.320	55.066	-10.720	65.786	QUASIPEAK
2		0.154	9.747	22.700	32.446	-23.340	55.786	AVERAGE
3		0.240	9.746	35.140	44.886	-17.216	62.102	QUASIPEAK
4		0.240	9.746	16.830	26.576	-25.526	52.102	AVERAGE
5		0.283	9.742	28.120	37.862	-22.871	60.733	QUASIPEAK
6		0.283	9.742	9.940	19.682	-31.051	50.733	AVERAGE
7		1.170	9.827	18.760	28.587	-27.413	56.000	QUASIPEAK
8		1.170	9.827	17.190	27.017	-18.983	46.000	AVERAGE
9		3.252	9.898	19.590	29.488	-26.512	56.000	QUASIPEAK
10		3.252	9.898	18.430	28.328	-17.672	46.000	AVERAGE
11		19.513	10.328	9.950	20.278	-39.722	60.000	QUASIPEAK
12		19.513	10.328	2.980	13.308	-36.692	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	**Time : 2017/08/17**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR2_LISN(16A)-6_0712 - Line2	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.753	36.050	45.803	-19.374	65.177	QUASIPEAK
2		0.166	9.753	8.860	18.613	-36.564	55.177	AVERAGE
3	*	0.205	9.751	37.400	47.151	-16.268	63.418	QUASIPEAK
4		0.205	9.751	15.470	25.221	-28.198	53.418	AVERAGE
5		0.236	9.750	34.670	44.420	-17.818	62.238	QUASIPEAK
6		0.236	9.750	15.250	25.000	-27.238	52.238	AVERAGE
7		0.302	9.750	26.220	35.970	-24.208	60.178	QUASIPEAK
8		0.302	9.750	7.670	17.420	-32.758	50.178	AVERAGE
9		0.385	9.750	20.850	30.600	-27.576	58.176	QUASIPEAK
10		0.385	9.750	12.010	21.760	-26.416	48.176	AVERAGE
11		0.646	9.767	17.610	27.377	-28.623	56.000	QUASIPEAK
12		0.646	9.767	13.370	23.137	-22.863	46.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

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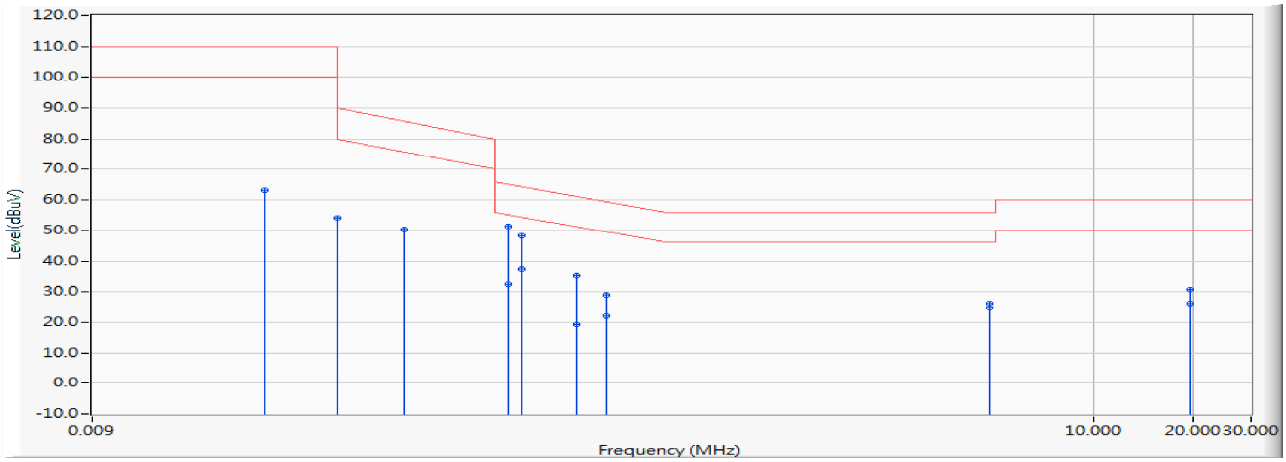
Site : SR2-H	**Time : 2017/10/27**
Limit : CNS13803_QP	**Margin : 10**
Probe : SR2_LISN(16A)-7_0731 - Line1	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**

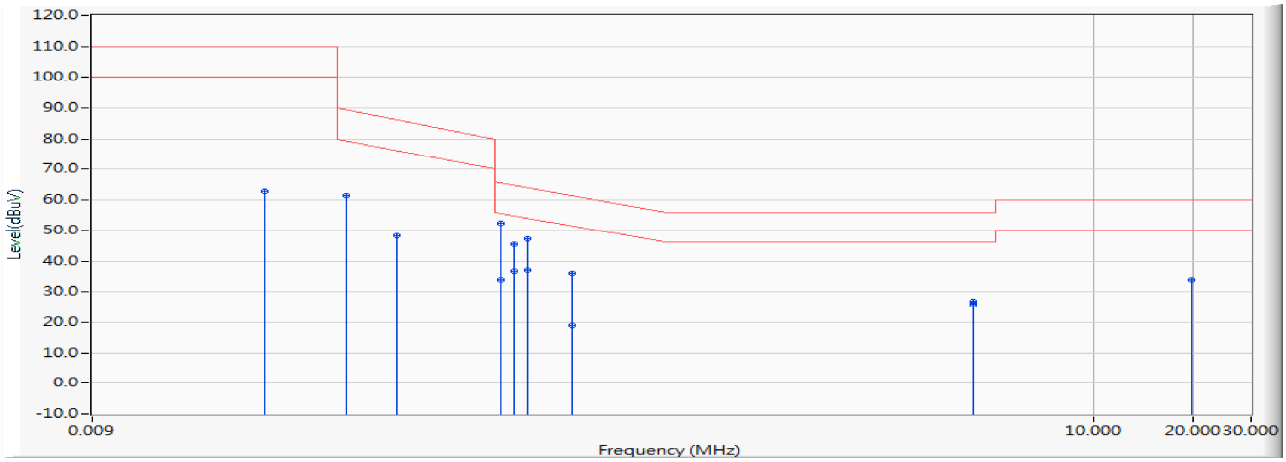


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.030	9.766	53.440	63.206	-46.794	110.000	QUASIPEAK
2		0.050	9.629	44.580	54.209	-55.791	110.000	QUASIPEAK
3		0.080	9.598	40.800	50.398	-36.602	87.000	QUASIPEAK
4	*	0.166	9.690	41.810	51.500	-14.043	65.543	QUASIPEAK
5		0.166	9.690	22.800	32.490	-33.053	65.543	AVERAGE
6		0.181	9.690	38.510	48.200	-16.914	65.114	QUASIPEAK
7		0.181	9.690	27.860	37.550	-27.564	65.114	AVERAGE
8		0.267	9.690	25.460	35.150	-27.507	62.657	QUASIPEAK
9		0.267	9.690	9.460	19.150	-43.507	62.657	AVERAGE
10		0.330	9.690	19.480	29.170	-31.687	60.857	QUASIPEAK
11		0.330	9.690	12.210	21.900	-38.957	60.857	AVERAGE
12		4.834	9.827	16.420	26.247	-29.753	56.000	QUASIPEAK
13		4.834	9.827	14.890	24.717	-31.283	56.000	AVERAGE
14		19.591	10.281	20.420	30.701	-29.299	60.000	QUASIPEAK
15		19.591	10.281	16.120	26.401	-33.599	60.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	**Time : 2017/10/27**
Limit : CNS13803_QP	**Margin : 10**
Probe : SR2_LISN(16A)-7_0731 - Line2	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.030	9.735	52.960	62.695	-47.305	110.000	QUASIPEAK
2		0.053	9.608	51.960	61.568	-28.132	89.700	QUASIPEAK
3		0.076	9.589	38.680	48.269	-39.131	87.400	QUASIPEAK
4	*	0.158	9.677	42.650	52.327	-13.444	65.771	QUASIPEAK
5		0.158	9.677	24.380	34.057	-31.714	65.771	AVERAGE
6		0.173	9.680	35.570	45.250	-20.093	65.343	QUASIPEAK
7		0.173	9.680	27.000	36.680	-28.663	65.343	AVERAGE
8		0.189	9.680	37.500	47.180	-17.706	64.886	QUASIPEAK
9		0.189	9.680	27.390	37.070	-27.816	64.886	AVERAGE
10		0.259	9.680	26.490	36.170	-26.716	62.886	QUASIPEAK
11		0.259	9.680	9.300	18.980	-43.906	62.886	AVERAGE
12		4.306	9.814	17.160	26.974	-29.026	56.000	QUASIPEAK
13		4.306	9.814	16.050	25.864	-30.136	56.000	AVERAGE
14		19.845	10.405	23.610	34.015	-25.985	60.000	QUASIPEAK
15		19.845	10.405	23.600	34.005	-25.995	60.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3.6. Test Photograph

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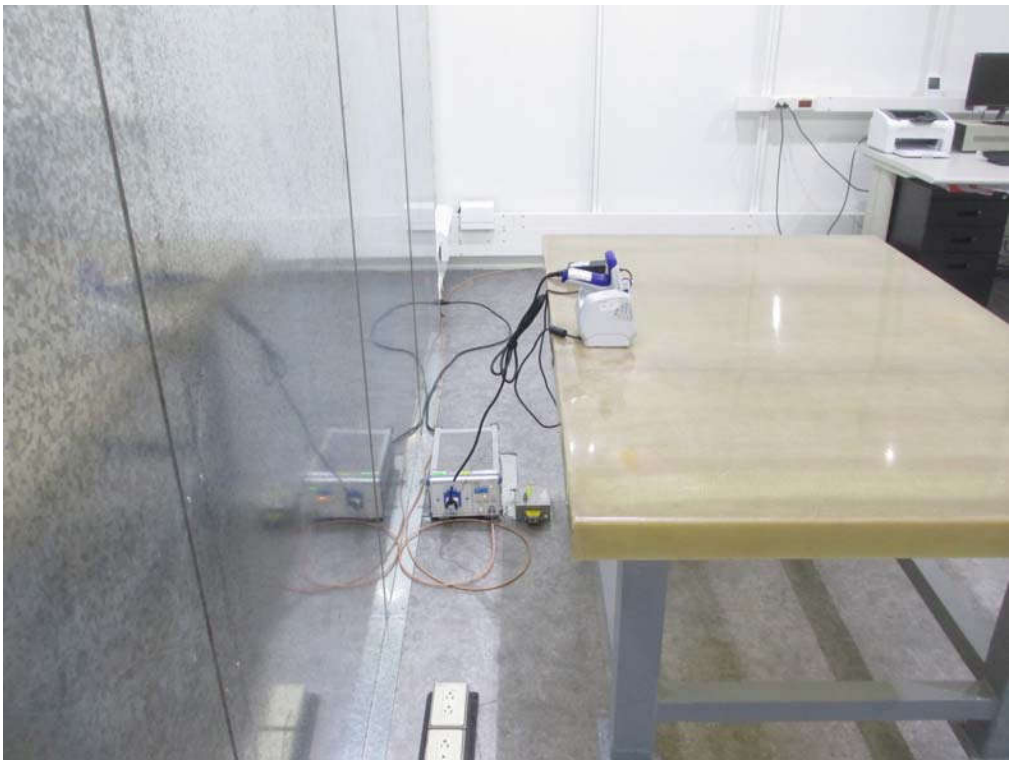
Test Mode : Mode 1: Normal Operation (WPT+NFC)

Description : Front View of Conducted Emission Test Setup

Test Mode : Mode 1: Normal Operation (WPT+NFC)

Description : Back View of Conducted Emission Test Setup



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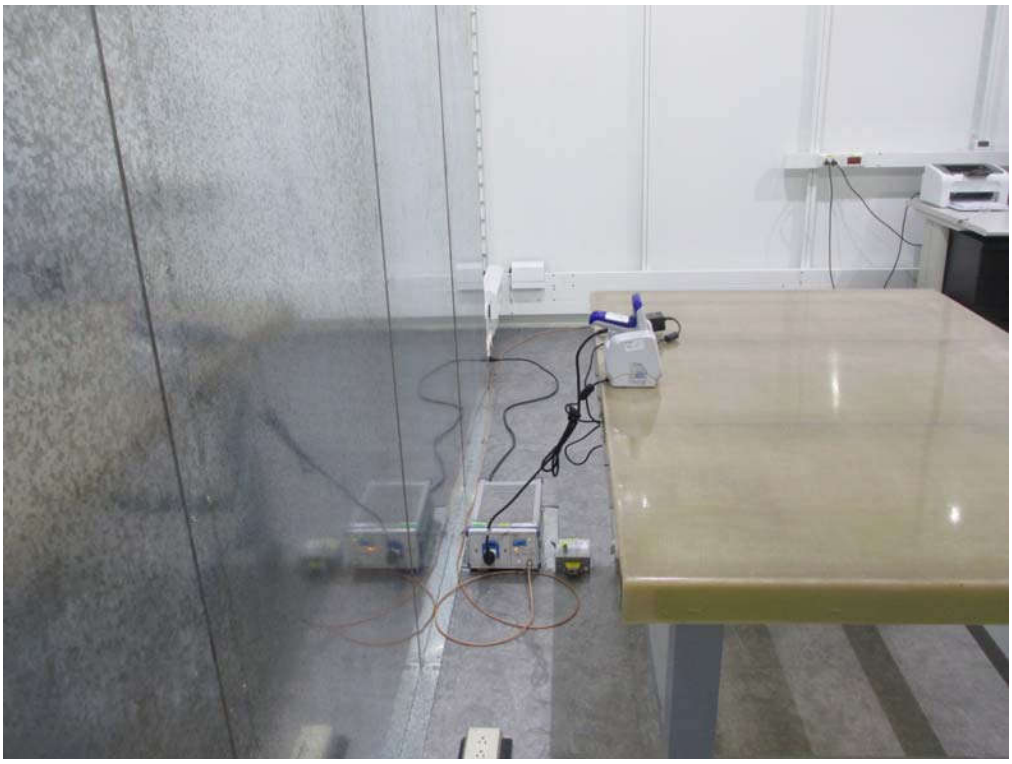
Test Mode : Mode 1: Normal Operation (WPT+NFC)

Description : Front View of Conducted Emission Test Setup

Test Mode : Mode 1: Normal Operation (WPT+NFC)

Description : Back View of Conducted Emission Test Setup



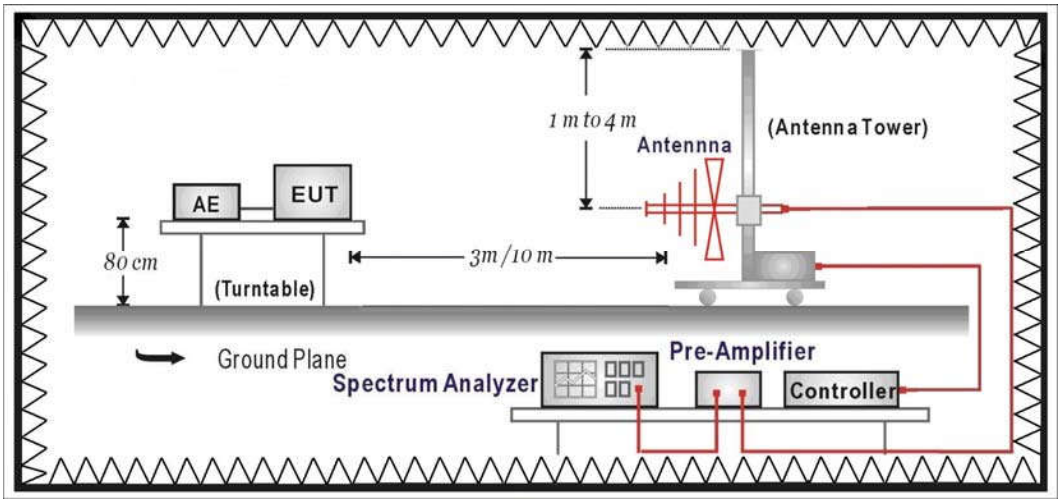
4. Radiated Emission

4.1. Test Specification

According to EMC Standard : FCC Part 18, RSS-216, MP-5, ANSI C63.4

4.2. Test Setup

FCC Part 18



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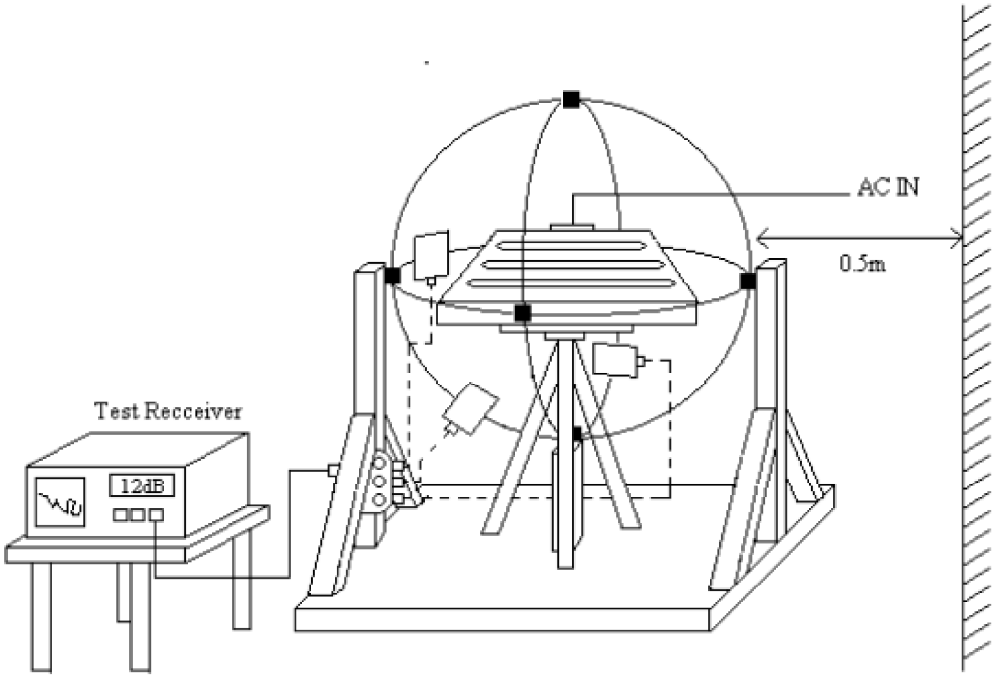

4.3. Limit

FCC Part 18

(a) ISM equipment operating on a frequency specified in §18.301 is permitted unlimited radiated energy in the band specified for that frequency:

§18.301

ISM frequency	Tolerance	ISM frequency	Tolerance	ISM frequency	Tolerance
6.78 MHz	± 15.0 kHz	13.56 MHz	± 7.0 kHz	27.12 MHz	± 163.0 kHz
40.68 MHz	± 20.0 kHz	915 MHz	± 13.0 MHz	2,450 MHz	± 50.0 MHz
5,800 MHz	± 75.0 MHz	24,125 MHz	± 125.0 MHz	61.25 GHz	± 250.0 MHz
122.50 GHz	± 500.0 MHz	245.00 GHz	± 1.0 GHz		

Remark: The use of the 6.78 MHz ± 15.0 kHz frequency band is subject to the condition of footnote 524 of the Table of Allocations.

(b) The field strength level of emissions which lie outside the bands specified in §18.301, unless otherwise indicated, shall not exceed the following:

Equipment	Operating frequency	RF Power generated by equipment	Field strength limit (uV/m)	Distance (meters)
Any type unless otherwise specified (miscellaneous).	Any ISM frequency AnyNon-ISM frequency	Below 500 500 or more Below 500 500 or more	25 25*SQRT(power/500) 15 15*SQRT(power/500)	300 [1]300 300 [1]300
Industrial heaters and RF stabilized arc welders.	ON or below 5.725MHz Above 5.725MHz	Any Any	10 (2)	1600 (2)
Medical diathermy	Any ISM frequency Any Non-ISM frequency	Any Any	25 15	300 300
Ultrasonic	Below 490 kHz 490 to 1600 kHz Above 1600 kHz	Below 500 500 or more Any Any	2400/F(kHz) 2400/F(kHz)* SQRT(power/500) 24000/F(kHz) 15	300 [3]300 30 30
Induction cooking ranges	Below 90 kHz On or above 90 kHz	Any Any	1500 300	[4]30 [4]30

Remark:

1. Field strength may not exceed 10 uV/m at 1600 meters. Consumer equipment operating below 1000 MHz is not permitted the increase in field strength otherwise permitted here for power over 500watts.
2. Reduced to the greatest extend possible.
3. Field strength may not exceed 10 uV/m at 1600 meters. Consumer equipment is not permitted the increase in field strength otherwise permitted here for over 500watts.
4. Induction cooking ranges manufactured prior to February 1, 1980, shall not be subject to the field strength limits for miscellaneous ISM equipment.

(c) The field strength limits for RF lighting devices shall be the following:

Frequency MHz	Field strength limit at 30 meters (uV/m)	
	(uV/m)	(dBuV/m)
Non-consumer equipment:		
30 – 88	30	29.5
88 – 216	50	34
216 – 1000	70	36.9
Consumer equipment:		
30 – 88	10	20
88 – 216	15	23.5
216 – 1000	20	26

Note:

1. The tighter limits shall apply at the boundary between two frequency ranges.
2. Testing for compliance with these limits may be made at closer distances, provided a sufficient number of measurements are taken to plot the radiation pattern, to determine the major lobes of radiation, and to determine the expected field strength level at 30, 300, or 1600 meters. Alternatively, if measurements are made at only one closer fixed distance, then the permissible field strength limits shall be adjusted using 1/d as attenuation factor.

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Frequency range MHz	Quasi-peak dB(μA)	
	Horizontal component	Vertical component
0,009 – 0,070	88	106
0,070 – 0,148 5	88 Decreasing linearly with logarithm of frequency to 58	106 Decreasing linearly with logarithm of frequency to 76
0,148 5 – 30	58 Decreasing linearly with logarithm of frequency to 22	76 Decreasing linearly with logarithm of frequency to 40
The limits of this table apply to induction cooking appliances for domestic use which have a diagonal dimension of less than 1,6 m. The measurement is performed using the loop antenna system (LAS) as described in 7.6 of CISPR 16-2-3.		

4.4. Test Procedure

FCC Part 18

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 10 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2014 on radiated measurement.

Radiated emissions were invested over the frequency range from 30MHz to1GHz using a receiver bandwidth of 120kHz. Radiated was performed at an antenna to EUT distance of 3 meters.

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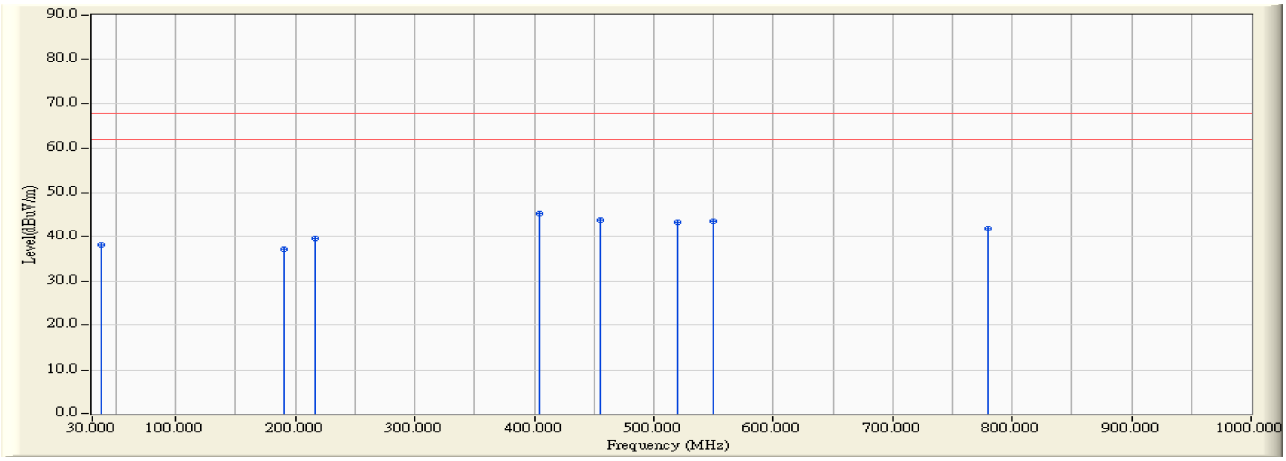
The magnetic component is measured by means of a loop antenna. The EUT is placed in the centre of the antenna. The induced current in the loop antenna is measured by means of a current probe (1 V/A) and the measuring receiver.

Radiated emissions were investigated over the frequency range from 0.009MHz to 30MHz using a receiver, where the resolution bandwidth of the receiver is set as 200Hz at frequency range from 0.009MHz to 0.15MHz and set as 9KHz at frequency range from 0.15MHz to 30MHz.

4.5. Test Result

FCC Part 18

Site : CB1-H	**Time : 2017/08/22**
Limit : FCC_PART18_03M_QP	**Margin : 6**
Probe : CB1_0208 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**

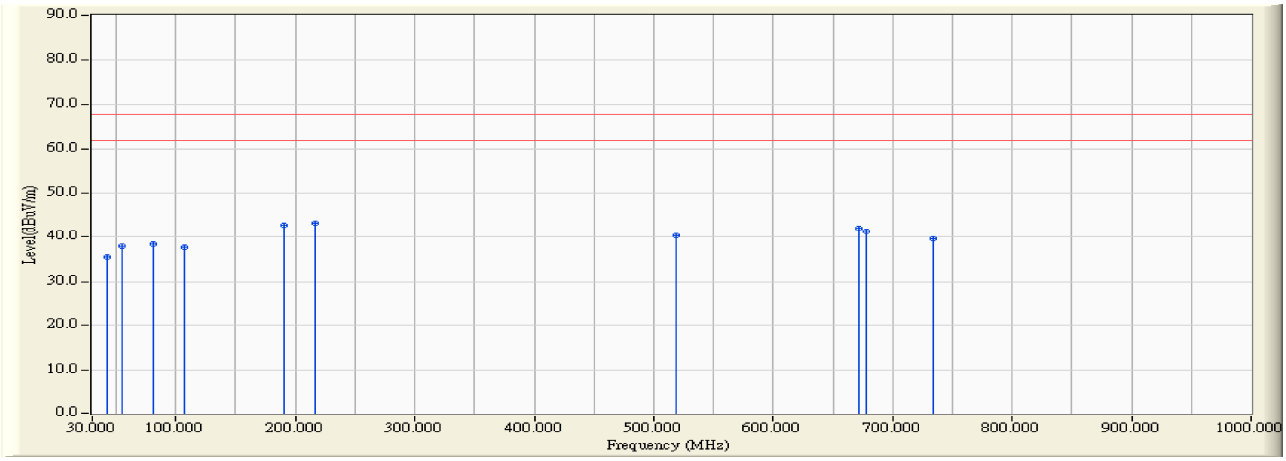


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		36.929	-18.903	57.000	38.097	-29.803	67.900	QUASIPEAK
2		189.870	-22.864	60.000	37.136	-30.764	67.900	QUASIPEAK
3		216.990	-20.354	60.000	39.646	-28.254	67.900	QUASIPEAK
4	*	404.143	-13.457	58.900	45.443	-22.457	67.900	QUASIPEAK
5		455.000	-12.328	56.300	43.973	-23.927	67.900	QUASIPEAK
6		520.000	-12.082	55.600	43.518	-24.382	67.900	QUASIPEAK
7		550.000	-11.234	54.800	43.566	-24.334	67.900	QUASIPEAK
8		779.671	-8.961	50.900	41.939	-25.961	67.900	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1-H	**Time : 2017/08/22**
Limit : FCC_PART18_03M_QP	**Margin : 6**
Probe : CB1_0208 - VERTICAL	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		42.471	-17.839	53.400	35.562	-32.338	67.900	QUASIPEAK
2		54.280	-23.634	61.500	37.866	-30.034	67.900	QUASIPEAK
3		81.271	-18.951	57.400	38.450	-29.450	67.900	QUASIPEAK
4		107.600	-18.469	56.000	37.531	-30.369	67.900	QUASIPEAK
5	*	189.840	-17.496	60.300	42.804	-25.096	67.900	QUASIPEAK
6	*	217.000	-17.080	60.200	43.120	-24.780	67.900	QUASIPEAK
7		519.157	-13.992	54.200	40.208	-27.692	67.900	QUASIPEAK
8		671.586	-11.116	53.200	42.084	-25.816	67.900	QUASIPEAK
9		678.514	-11.085	52.400	41.315	-26.585	67.900	QUASIPEAK
10		733.943	-7.975	47.600	39.626	-28.274	67.900	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

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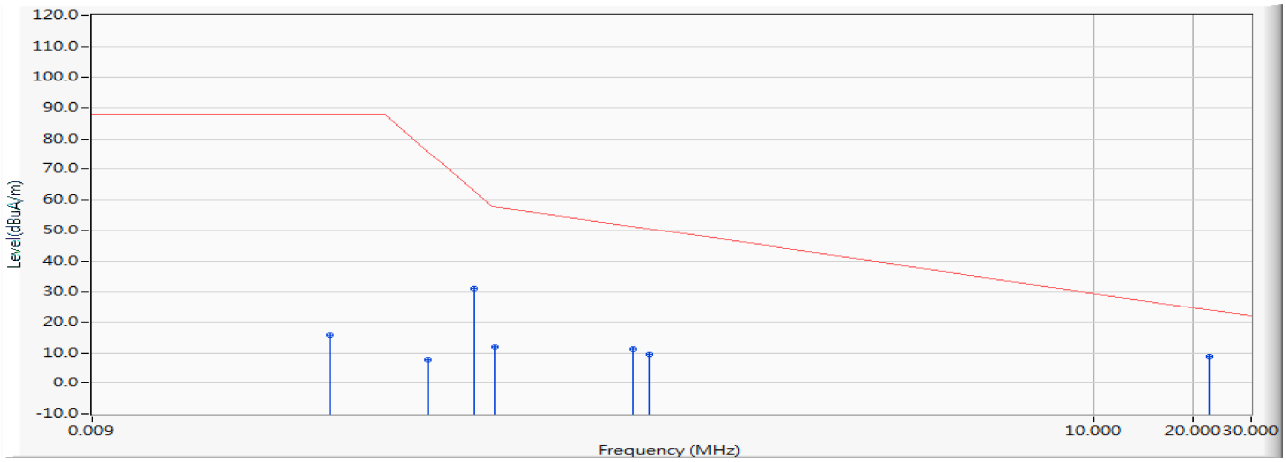
Site : SR2-H	**Time : 2017/10/27**
Limit : CNS_13803_2M_H_RE_00M_QP	**Margin : 0**
Probe : - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**

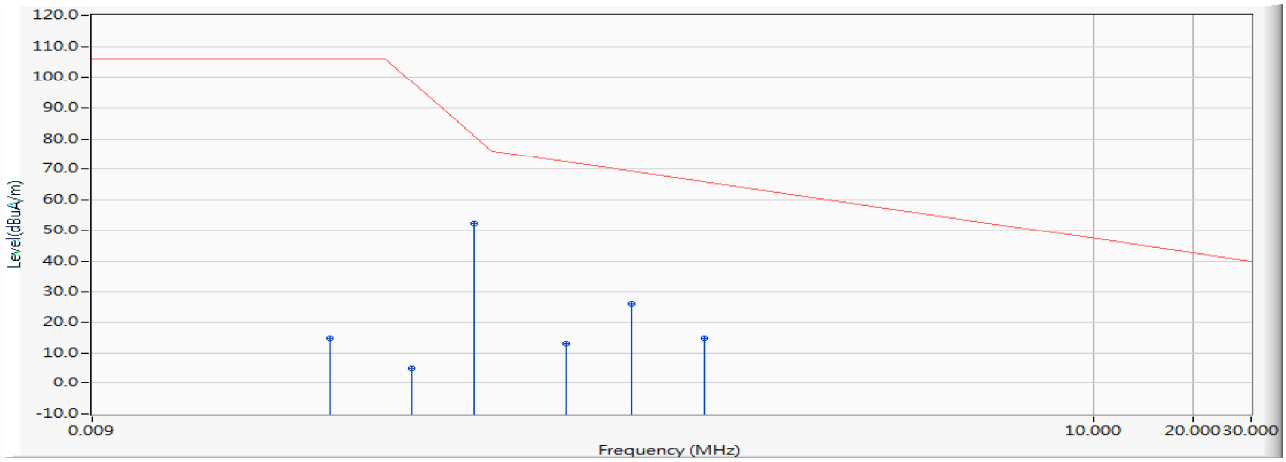


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuA)	Measure Level (dBuA/m)	Margin (dB)	Limit (dBuA/m)	Detector Type
1		0.047	0.000	15.680	15.680	-72.320	88.000	QUASIPEAK
2		0.094	0.000	7.720	7.720	-71.049	78.769	QUASIPEAK
3		0.130	0.058	31.070	31.128	-33.795	64.923	QUASIPEAK
4		0.150	0.086	11.930	12.016	-45.982	57.998	QUASIPEAK
5		0.396	0.100	11.180	11.280	-46.421	57.701	QUASIPEAK
6		0.443	0.100	9.450	9.550	-48.094	57.644	QUASIPEAK
7	*	22.474	0.600	8.330	8.930	-22.146	31.076	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR2-H	**Time : 2017/10/27**
Limit : CNS_13803_2M_V_RE_00M_QP	**Margin : 0**
Probe : - VERTICAL	**Power : AC 120V/60Hz**
EUT : WIRELESS POWER TRANSMISSION SYSTEM	**Note : Mode 1: Normal Operation (WPT+NFC)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuA)	Measure Level (dBuA/m)	Margin (dB)	Limit (dBuA/m)	Detector Type
1		0.047	0.000	14.730	14.730	-91.270	106.000	QUASIPEAK
2		0.084	0.000	5.000	5.000	-95.615	100.615	QUASIPEAK
3	*	0.130	0.058	52.260	52.318	-30.605	82.923	QUASIPEAK
4		0.248	0.100	12.950	13.050	-62.829	75.879	QUASIPEAK
5		0.392	0.100	26.060	26.160	-49.546	75.706	QUASIPEAK
6		0.650	0.130	14.670	14.800	-60.595	75.395	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.