

FCC Test Report

Product Name	Wireless IR controller
Model No.	AC134-X (X=0-9, A-Z)
FCC ID.	FU5AC134

Applicant	EVERSPRING INDUSTRY CO., LTD
Address	3F, No.50, Sec.1, Zhonghua Rd., Tucheng Dist., New Taipei City 23666,Taiwan

Date of Receipt	Aug. 18, 2016
Issued Date	Aug. 25, 2016
Report No.	1680413R-RFUSP15V00-A
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

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Test Report

Issued Date: Aug. 25, 2016

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Product Name	Wireless IR controller
Applicant	EVERSPRING INDUSTRY CO., LTD
Address	3F, No.50, Sec.1, Zhonghua Rd., Tucheng Dist., New Taipei City 23666,Taiwan
Manufacturer	EVERSPRING INDUSTRY CO., LTD
Model No.	AC134-X (X=0-9, A-Z)
FCC ID.	FU5AC134
EUT Rated Voltage	AC 100-240V~50/60Hz 200mA
EUT Test Voltage	AC 120V/60Hz
Trade Name	EVERSPRING
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2015 ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By : April Chen
(Adm. Specialist / April Chen)

Tested By : Bruce Lan
(Engineer / Bruce Lan)

Approved By : Vincent Lin
(Director / Vincent Lin)

TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION.....	4
1.1. EUT Description	4
1.2. Operation Description	5
1.3. Tested System Details	6
1.4. Configuration of Test System.....	6
1.5. EUT Exercise Software.....	6
1.6. Test Facility	7
2. Conducted Emission	8
2.1. Test Equipment	8
2.2. Test Setup.....	8
2.3. Limits	9
2.4. Test Procedure	9
2.5. Uncertainty.....	9
2.6. Test Result of Conducted Emission	10
3. Radiated Emission	12
3.1. Test Equipment	12
3.2. Test Setup.....	12
3.3. Limits	14
3.4. Test Procedure.....	15
3.5. Uncertainty.....	15
3.6. Test Result of Radiated Emission	16
4. Band Edge.....	22
4.1. Test Equipment	22
4.2. Test Setup.....	22
4.3. Limit.....	23
4.4. Test Procedure.....	23
4.5. Uncertainty.....	23
4.6. Test Result of Band Edge.....	24
5. EMI Reduction Method During Compliance Testing	26
Attachment 1: EUT Test Photographs	
Attachment 2: EUT Detailed Photographs	

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Wireless IR controller
Trade Name	EVERSPRING
FCC ID.	FU5AC134
Model No.	AC134-X (X=0-9, A-Z)
Frequency Range	916MHz
Type of Modulation	FSK
Number of Channels	1
Channel Control	Auto
Antenna Type	PIFA Antenna
USB Cable	Shielded, 1.5m
Power Adapter	MFR: Tenpao, M/N: S005AYU0500100 Input: AC 100-240V~50/60Hz 200mA Output: 5.0V==1000mA

Center Frequency of Each Channel:

Channel	Frequency
Channel 1:	916MHz

Note:

1. The EUT is an Wireless IR controller with a built-in 916MHz Z-Wave transceiver.
2. These tests are conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.249.
3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
4. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.

Test Mode	Mode 1: Transmit
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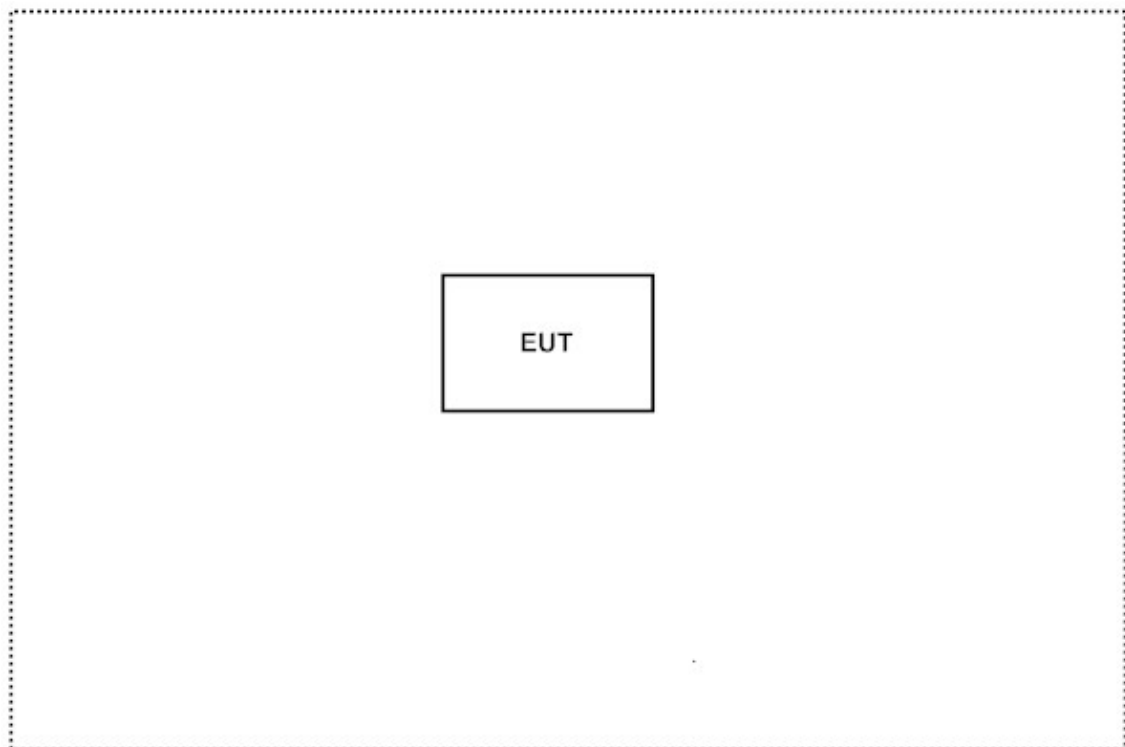
1.3. Tested System Details

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.	Power Cord
1. N/A	N/A	N/A	N/A	N/A

Signal Cable Type	Signal cable Description
A. N/A	N/A

1.4. Configuration of Test System



1.5. EUT Exercise Software

- (1) Setup the EUT as shown in section 1.4.
- (2) Provide the AC Power Source.
- (3) Starts the continuous transmit.
- (4) Verify that the EUT works correctly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from

QuieTek Corporation's Web Site : <http://www.quietek.com/chinese/about/certificates.aspx?bval=5>

The address and introduction of Quietek Corporation's laboratories can be founded in our Web site :

<http://www.quietek.com/>

Site Description: File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 92195

Site Name: Quietek Corporation
Site Address: No.5-22, Ruishukeng Linkou Dist., New Taipei City
24451, Taiwan, R.O.C.
TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : service@quietek.com

FCC Accreditation Number: TW1014

2. Conducted Emission

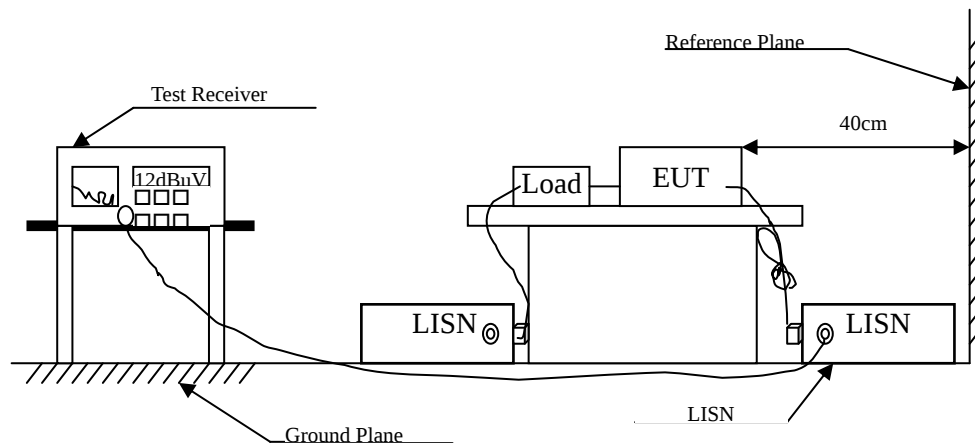
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Due Cal.	Remark
X	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2015	Sep., 2016	
X	Artificial Mains Network	R & S	ENV4200 / 848411/10	Feb., 2016	Feb., 2017	Peripherals
X	LISN	R & S	ESH3-Z5 / 825562/002	Feb., 2016	Feb., 2017	EUT
	DC LISN	Schwarzbeck	8226 / 176	Mar., 2016	Mar., 2017	EUT
X	Pulse Limiter	R & S	ESH3-Z2 / 357.8810.52	Feb., 2016	Feb., 2017	
	No.8 Shielded Room					

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit		
Frequency MHz	Limits	
	QP	AV
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.

2.4. Test Procedure

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 according to ANSI C63.4: 2014 on conducted measurement.

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

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : Wireless IR controller
Test Item : Conducted Emission Test
Power Line : Line 1
Test Mode : Mode 1: Transmit

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV	Margin dB	Limit dBuV
Line 1					
Quasi-Peak					
0.435	9.674	26.080	35.754	-22.103	57.857
1.712	9.734	11.970	21.704	-34.296	56.000
2.490	9.753	12.280	22.033	-33.967	56.000
3.201	9.769	11.750	21.519	-34.481	56.000
4.822	9.796	12.940	22.736	-33.264	56.000
8.806	9.870	14.300	24.170	-35.830	60.000
Average					
0.435	9.674	22.770	32.444	-15.413	47.857
1.712	9.734	8.060	17.794	-28.206	46.000
2.490	9.753	8.350	18.103	-27.897	46.000
3.201	9.769	7.650	17.419	-28.581	46.000
4.822	9.796	8.250	18.046	-27.954	46.000
8.806	9.870	8.200	18.070	-31.930	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Wireless IR controller
Test Item : Conducted Emission Test
Power Line : Line 2
Test Mode : Mode 1: Transmit

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV	dB	dBuV
Line 2					
Quasi-Peak					
0.439	9.744	20.950	30.694	-27.049	57.743
1.154	9.766	10.220	19.986	-36.014	56.000
2.529	9.823	9.490	19.313	-36.687	56.000
4.798	9.865	11.750	21.615	-34.385	56.000
9.623	9.981	13.150	23.131	-36.869	60.000
18.529	10.177	14.310	24.487	-35.513	60.000
Average					
0.439	9.744	17.000	26.744	-20.999	47.743
1.154	9.766	5.710	15.476	-30.524	46.000
2.529	9.823	5.100	14.923	-31.077	46.000
4.798	9.865	6.080	15.945	-30.055	46.000
9.623	9.981	5.920	15.901	-34.099	50.000
18.529	10.177	2.830	13.007	-36.993	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3. Radiated Emission

3.1. Test Equipment

The following test equipments are used during the radiated emission test:

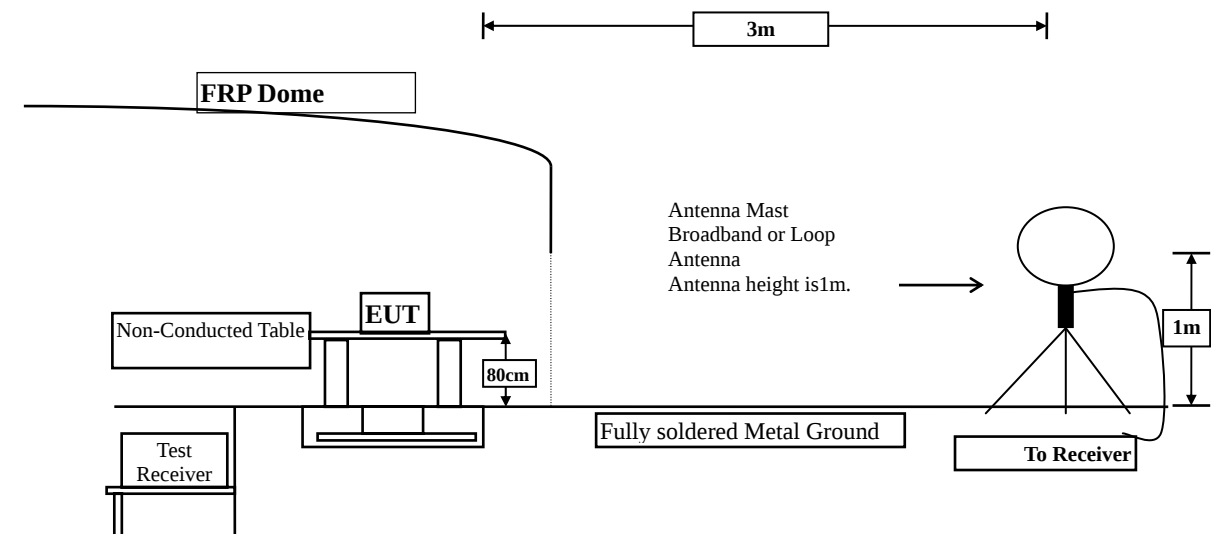
Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒ Site # 3	X Magnetic Loop Antenna	Teseq	HLA6121/ 37133	Sep, 2015	Sep, 2016
	X Bilog Antenna	Schaffner Chase	CBL6112B/ 2707	Jun, 2016	Jun, 2017
	X EMI Test Receiver	R&S	ESCS 30/838251/ 001	Jun, 2016	Jun, 2017
	X Coaxial Cable	QTK(Arnist)	RG 214/ LC003-RG	Jun, 2016	Jun, 2017
	X Coaxial signal switch	Arnist	MP59B/ 6200798682	Jun, 2016	Jun, 2017

Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒ CB # 8	X Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2015	Oct, 2016
	X Horn Antenna	ETS-Lindgren	3117/ 35205	Mar, 2016	Mar, 2017
	X Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2016	Jan, 2017
	X Horn Antenna	TRC	AH-0801/95051	Aug, 2016	Aug, 2017
	X Pre-Amplifier	EMCI	EMC012630SE/980210	Jan, 2016	Jan, 2017
	X Pre-Amplifier	MITEQ	JS41-001040000-58-5P/ 153945	Jul, 2016	Jul, 2017
	X Pre-Amplifier	NARDA	DBL-1840N506/013	Jul, 2016	Jul, 2017

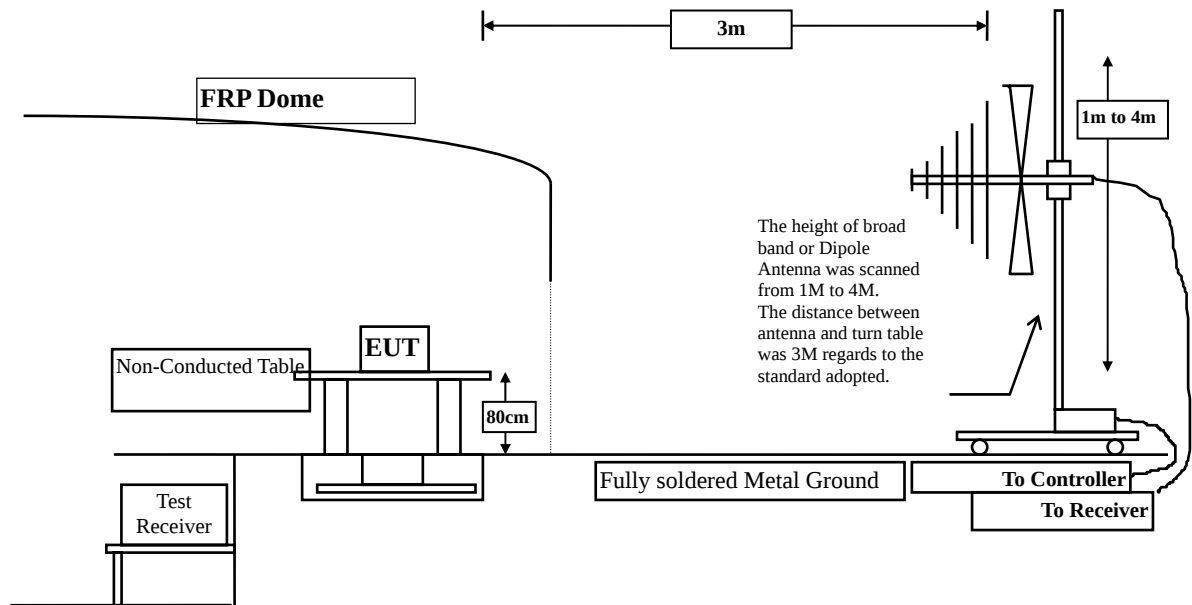
Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

3.2. Test Setup

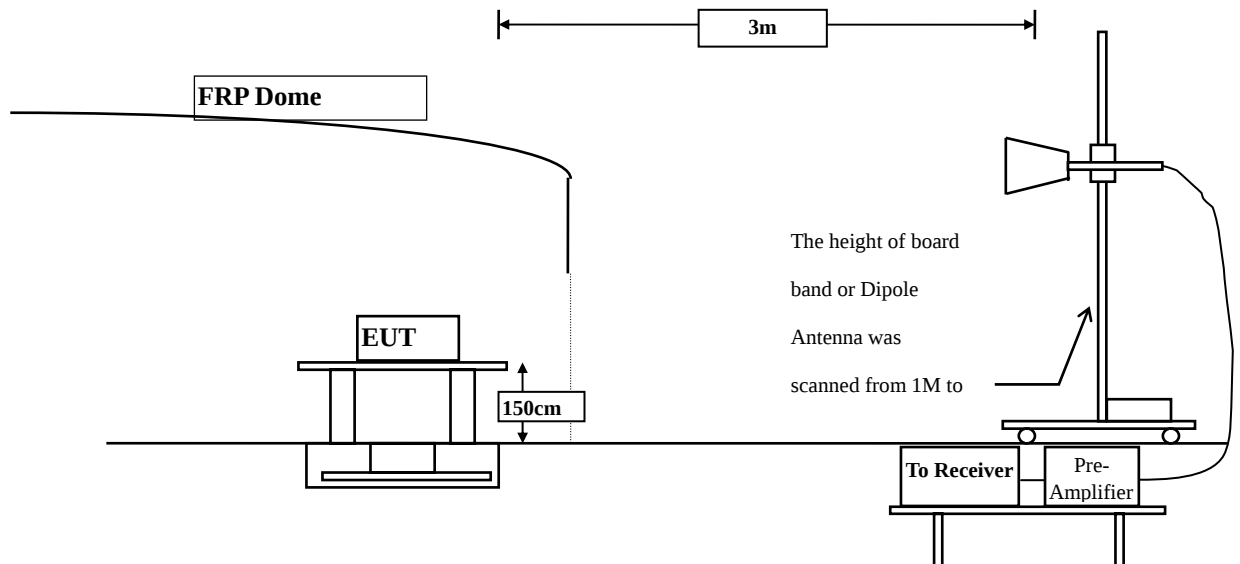
Under 30MHz Test Setup



Below 1GHz



Above 1GHz



3.3. Limits

➤ Fundamental and Harmonics Emission Limits

FCC Part 15 Subpart C Paragraph 15.249 Limits				
Frequency MHz	Field Strength of Fundamental		Field Strength of Harmonics	
	(mV/m @3m)	(dBuV/m @3m)	(uV/m @3m)	(dBuV/m @3m)
902-928	50	94	500	54
2400-2483.5	50	94	500	54
5725-5875	50	94	500	54

Remarks : 1. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)
 2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remarks : 1. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested compliance to FCC 47CFR 15.249 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 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 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The worst radiated emission is measured in the Open Area Test Site on the Final Measurement.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

3.5. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

3.6. Test Result of Radiated Emission

Product : Wireless IR controller
 Test Item : Fundamental Radiated Emission
 Test Site : No.3OATS
 Test Mode : Mode 1: Transmit (X-axis)

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
916.000	4.900	86.930	91.830	-2.170	94.000
--					
Vertical					
916.000	4.900	87.980	92.880	-1.120	94.000
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna Factor + Cable Loss – PreAMP.

Product : Wireless IR controller
Test Item : Fundamental Radiated Emission
Test Site : No.3OATS
Test Mode : Mode 1: Transmit (Y-asix)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
916.000	4.900	88.900	93.800	-0.200	94.000
--					
Vertical					
916.000	4.900	84.200	89.100	-4.900	94.000
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna Factor + Cable Loss – PreAMP.

Product : Wireless IR controller
Test Item : Fundamental Radiated Emission
Test Site : No.3OATS
Test Mode : Mode 1: Transmit (Z-axis)

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
916.000	4.900	88.460	93.360	-0.640	94.000
--					
Vertical					
916.000	4.900	86.670	91.570	-2.430	94.000
--					

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna Factor + Cable Loss – PreAMP.

Product : Wireless IR controller
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmit

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
1832.000	-0.165	47.870	47.705	-26.295	74.000
2748.000	3.456	44.140	47.596	-26.404	74.000
3664.000	5.205	47.100	52.305	-21.695	74.000
4580.000	7.486	40.070	47.556	-26.444	74.000
5496.000	8.924	39.470	48.394	-25.606	74.000
6412.000	10.832	38.640	49.471	-24.529	74.000
7328.000	11.805	38.820	50.625	-23.375	74.000
8244.000	12.820	39.070	51.889	-22.111	74.000
9160.000	14.092	39.340	53.432	-20.568	74.000

Average Detector:

--

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Wireless IR controller
Test Item : Harmonic Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmit

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Vertical					
Peak Detector:					
1832.000	-0.165	49.480	49.315	-24.685	74.000
2748.000	3.456	46.340	49.796	-24.204	74.000
3664.000	5.205	43.930	49.135	-24.865	74.000
4580.000	7.486	40.070	47.556	-26.444	74.000
5496.000	8.924	39.300	48.224	-25.776	74.000
6412.000	10.832	38.350	49.181	-24.819	74.000
7328.000	11.805	38.770	50.575	-23.425	74.000
8244.000	12.820	39.130	51.949	-22.051	74.000
9160.000	14.092	38.710	52.802	-21.198	74.000
Average Detector:					
8182.000	15.667	34.260	49.926	-4.074	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Wireless IR controller
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 1: Transmit

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
35.623	1.050	28.305	29.356	-10.644	40.000
191.667	-7.167	44.267	37.100	-6.400	43.500
323.812	-8.823	40.540	31.717	-14.283	46.000
606.377	1.722	36.847	38.569	-7.431	46.000
756.797	1.207	30.212	31.420	-14.580	46.000
888.942	4.605	30.621	35.226	-10.774	46.000
Vertical					
39.366	-1.742	35.200	33.457	-6.543	40.000
141.058	-4.949	32.793	27.844	-15.656	43.500
337.870	-8.691	39.353	30.662	-15.338	46.000
592.319	1.590	33.855	35.445	-10.555	46.000
818.652	2.269	31.101	33.370	-12.630	46.000
980.319	8.527	30.092	38.619	-15.381	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

4. Band Edge

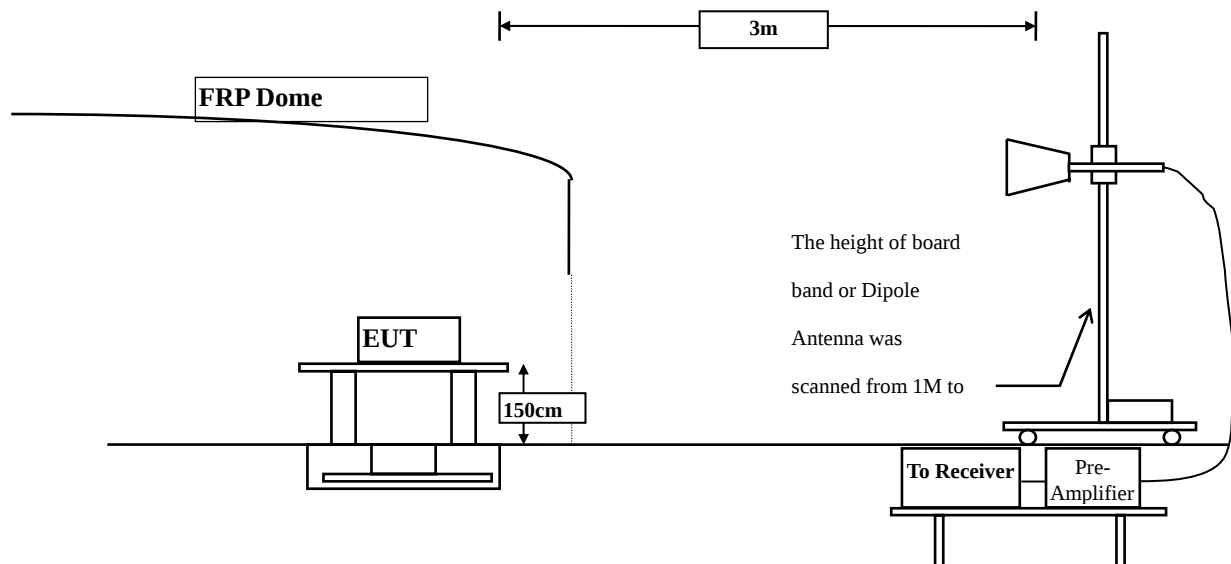
4.1. Test Equipment

The following test equipments are used during the band edge tests:

Test Site	Equipment	Manufacturer	Model No./Serial No.	Last Cal.	Due Cal.
☒ CB # 8	X Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2015	Oct, 2016
	X Horn Antenna	ETS-Lindgren	3117/ 35205	Mar, 2016	Mar, 2017
	X Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2016	Jan, 2017
	X Horn Antenna	TRC	AH-0801/95051	Aug, 2016	Aug, 2017
	X Pre-Amplifier	EMCI	EMC012630SE/980210	Jan, 2016	Jan, 2017
	X Pre-Amplifier	MITEQ	JS41-001040000-58-5P/ 153945	Jul, 2016	Jul, 2017
	X Pre-Amplifier	NARDA	DBL-1840N506/013	Jul, 2016	Jul, 2017

- Note:
1. All equipments are calibrated every one year.
 2. The test equipments marked by "X" are used to measure the final test results.

4.2. Test Setup



4.3. Limit

Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.4. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 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 3 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 C63.10: 2013 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.

4.5. Uncertainty

± 4.08 dB above 1GHz

± 4.22 dB below 1GHz

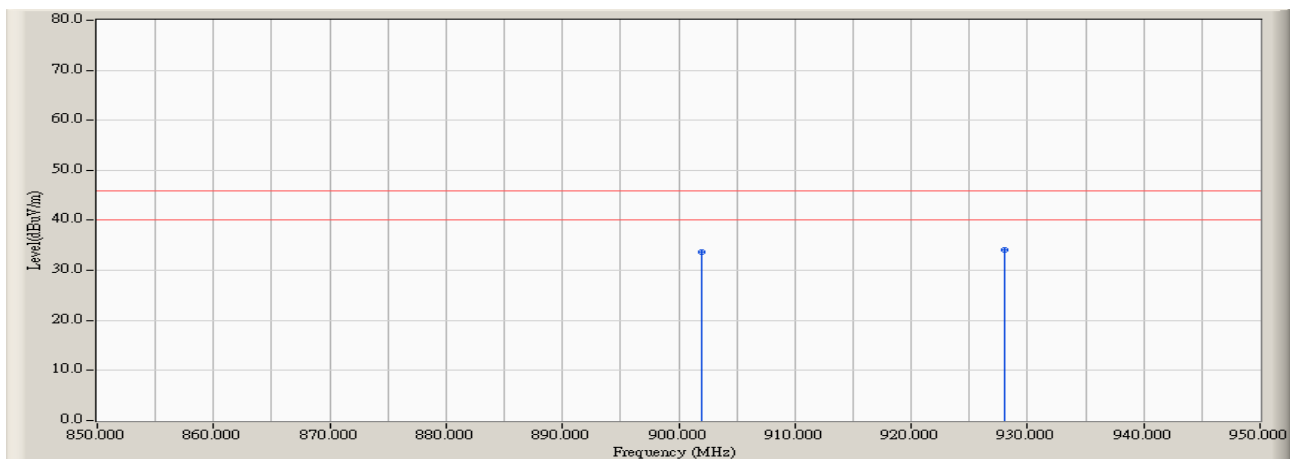
4.6. Test Result of Band Edge

Product : Wireless IR controller
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit

RF Radiated Measurement (Horizontal):

No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Quasi-Peak Limit (dBuV/m)	Result
01(Quasi-Peak)	902.000	4.656	29.000	33.655	46.000	Pass
02(Quasi-Peak)	928.000	5.107	28.900	34.007	46.000	Pass

Figure Channel 01: Horizontal (Quasi-Peak)



Note:

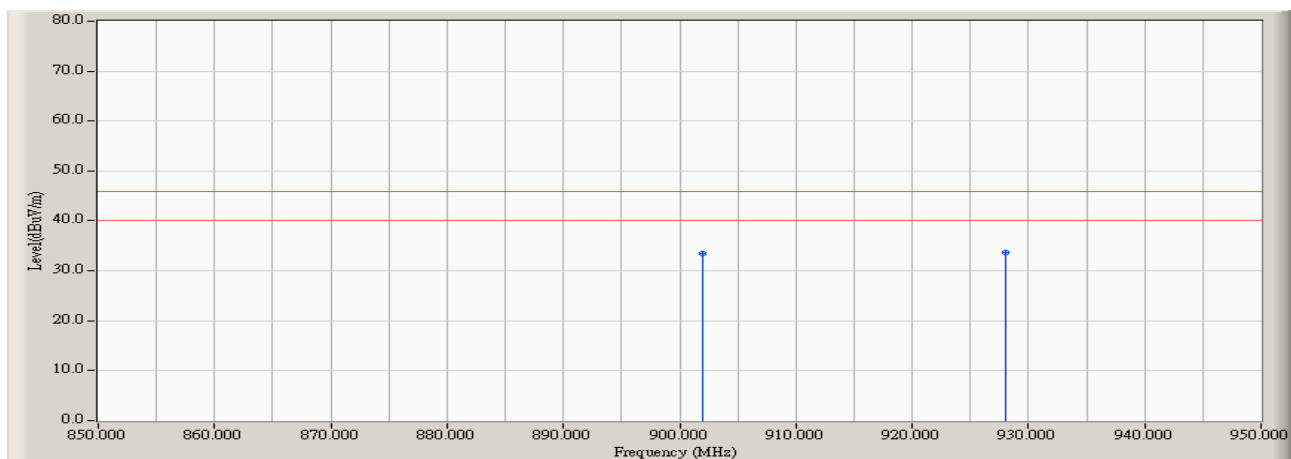
1. Quasi-Peak measurements: RBW=100kHz,VBW=1MHz,Sweep: Auto.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Product : Wireless IR controller
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit

RF Radiated Measurement (Vertical):

No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Quasi-Peak Limit (dBuV/m)	Result
01(Quasi-Peak)	902.000	4.656	28.900	33.555	46.000	Pass
02(Quasi-Peak)	928.000	5.107	28.600	33.707	46.000	Pass

Figure Channel 01: Vertical (Quasi-Peak)



Note:

1. Quasi-Peak measurements: RBW=100kHz,VBW=1MHz,Sweep: Auto.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

5. **EMI Reduction Method During Compliance Testing**

No modification was made during testing.

Attachment 1 : EUT Test Photographs

Attachment 2 : EUT Detailed Photographs