

FCC TEST REPORT

FCC ID: 2BCXU-HR-2G4009S

On Behalf of

HUERICH PHOTO-ELECTRONIC TECHNOLOGY CO., LTD

Remote control

Model No.: HR-2G4009S

Prepared for : HUERICH PHOTO-ELECTRONIC TECHNOLOGY CO., LTD

Room 301, 3rd Floor, No.728, Dalang Section, Guanzhang Road, Address

Dalang Town, DONGGUAN CITY, Guangdong 523775

Prepared By : Shenzhen PSI Testing Co., Ltd.

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Report Number : psi2308034-C01-R01
Date of Receipt : September 02, 2023

Date of Test : September 11–September 16, 2023

Date of Report : September 16, 2023

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TEST REPORT DECLARATION

Applicant : HUERICH PHOTO-ELECTRONIC TECHNOLOGY CO., LTD

Room 301, 3rd Floor, No.728, Dalang Section, Guanzhang Road, Dalang Town,

DONGGUAN CITY, Guangdong 523775

Manufacturer : HUERICH PHOTO-ELECTRONIC TECHNOLOGY CO., LTD

Room 301, 3rd Floor, No.728, Dalang Section, Guanzhang Road, Dalang Town,

DONGGUAN CITY, Guangdong 523775

EUT Description : Remote control

(A) Model No. : HR-2G4009S

(B) Trademark : HUERICH

Measurement Standard Used:

Address

FCC Rules and Regulations Part 15 Subpart C Section 15.249, ANSI C63.10:2013

The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC Part15 requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature)......

Jensen Wang

Test Engineer $V_{\alpha r}$

Approved by (name + signature)......

Project Manager

Date of issue...... September 16, 2023

Revision History

Revision	Issue Date	Revisions	Revised By
REV0	September 16, 2023	Initial released Issue	Jensen Wang

1. General Information

1.1. Description of Device (EUT)

Product Name : Remote control

Model Number : HR-2G4009S

Diff : N/A

2.4G Technology

Operation Frequency : 2402MHz

Channel No. : 1

Modulation Type : FSK

Antenna Type : PCB antenna, Maximum Gain is 1.68dBi

Power Supply : DC 3V From Battery

Trademark : HUERICH

Software Version : V1.0 Hardware Version : V1.0

Note:

Antenna information is provided by applicant, Testing lab is not responsible for the accuracy of then information.

1.2. Accessories of Device (EUT)

Accessories 1	:	/
Manufacturer	:	
Model	:	/
Power supply	:	/

2. Summary of Standards and Results

2.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

EMISSION						
Description of Test Item	Test Requirement	Standard Paragraph	Results			
Power Line Conducted Emission Test	FCC Part 15	Section 15.207	N/A			
Spurious Emission Test	FCC Part 15	Section 15.249&15.209	P			
Occupied bandwidth	FCC Part 15	Section 15. 215	P			
Band edge Requirement	FCC Part 15	Section 15.249	Р			
Antenna Requirement	FCC Part 15	Section 15.203	Р			

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Note: 1. P is an abbreviation for Pass.

2. F is an abbreviation for Fail.

3. N/A is an abbreviation for Not Applicable.

2.2. Accessories of Device (EUT)

Accessories1 : /
Manufacturer : /
Model : /
Power supply : /

2.3. Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification or SDOC
1.					

2.4. Block Diagram of Connection Between EUT and Simulators

EUT

2.5. Test Mode Description

Test mode:

Mode	Channel	Frequency (MHz)
FSK	CH1	2402

Note:

- 1. The test was used to control EUT work in Continuous TX mode, and select test channel, wireless mode
- 2. The EUT has been tested as an independent unit. And Continual Transmitting in maximum power.
- 3. New battery is used during all tests.
- 4. For the relevant Conducted Measurement, the temporary antenna connector is used during the measurement. Antenna Connector Impedance: 50Ω , Cable Loss: 1.0 dB

Channel list:

Channel	Frequency (MHz)						
1CH	2402	/	/	/	/	/	/
1	/	1	1	/	/	/	/

2.6. Test Conditions

Temperature range	21-25℃
Humidity range	40-75%
Pressure range	86-106kPa

2.7. Test Facility

Shenzhen PSI Testing Co., Ltd.

1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

September 13, 2023 File on Federal Communication Commission

Registration Number: 916281

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for Power point Conducted Emissions Test	2.17dB
Uncertainty for Radiation Emission test in 3m chamber (below 30MHz)	3.5dB
Uncertainty for Radiation Emission test in 3m chamber	2.74dB(Polarize: V)
(30MHz to 1GHz)	2.76dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber	4.29dB(Polarize: V)
(1GHz to 18GHz)	4.82dB(Polarize: H)
Uncertainty for radio frequency	48.24KHz
Uncertainty for conducted RF Power	0.41dB

2.9. Test Equipment List

For Power Line Conducted Emission Test Equipment:

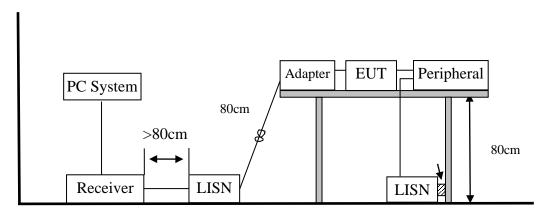
Item	Equipment	Manufacturer	Model No.	Serial No.	Firmware Version	Last Cal.	Cal. Interval
1.	9*6*6 anechoic chamber	SKET	9*6*6	N/A	/	2022.12.20	3 Year
2.	Test Receiver	Rohde&Schwarz	ESCI 7	101032/003	4.42 SP3	2022.12.30	1 Year
3.	L.I.S.N.#1	Rohde&Schwarz	ENV216	102282	/	2022.12.30	1 Year
4.	L.I.S.N.#2	RFT	NNB111	13835240	/	2023.05.04	1 Year
5.	Loop Antenna	Schwarz beck	FMZB 1519B	00128	/	2023.04.03	2 Year
6.	Bilog Antenna	Schwarz beck	VULB 9168	01448	/	2022.12.26	2 Year
7.	Spectrum Analyzer	Rohde&Schwarz	FSV-40N	101648	3.70	2022.12.30	1 Year
8.	Horn Antenna	Schwarz beck	BBHA 9120 D	02706	/	2022.12.26	2 Year
9.	Amplifier	SKET	LAPA_01G18 G-45dB	SK202203290 1	1	2022.12.29	1 Yea
10.	Horn Antenna	Schwarz beck	BBHA 9170	00946	/	2022.12.25	2 Year
11.	Amplifier	SKET	LNPA_0118G -45	SK202001080 1	/	2022.12.30	1 Yea
12	RF Power Probe	Rohde&Schwarz	NRP-Z11	1138.3004.02 -1111533-Fz	1	2023.03.30	1 Yea

For Test Software Information

Item	Software Name	Manufacturer	Version
RE	EMC-I	SKET	V1.5.0.3
CE	EMC-I	SKET	V1.5.0.3
RF	RTS	TACHOY	V1.0.0

3. Power Line Conducted Emission Test

3.1. Block Diagram of Test Setup



3.2. Test Limits

	Maximum RF Line Voltage				
Frequency	Quasi-Peak Level	Average Level			
	$dB(\mu V)$	$dB(\mu V)$			
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*			
500kHz ~ 5MHz	56	46			
5MHz ~ 30MHz	60	50			

Notes:

- 1. Emission level=Read level + LISN factor-Preamp factor + Cable loss
- 2. * Decreasing linearly with logarithm of frequency.
- 3. The lower limit shall apply at the transition frequencies.

3.3. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4. Operating Condition of EUT

- (1) Setup the EUT as shown as Section 3.1.
- (2) Turn on the power of all equipment.
- (3) Let the EUT work in test mode taking the test.

3.5. Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on conducted Emission test.
- (2) The frequency range from 150kHz to 30MHz is checked, the bandwidth of test receiver is set at 9kHz.
- (3) The frequency range from 30MHz to 1000MHz was pre-scanned with a Peak detector and all final readings of measurement from Test Receiver are Quasi-Peak and Average values.
- (4) The test results are reported on Section 3.6.

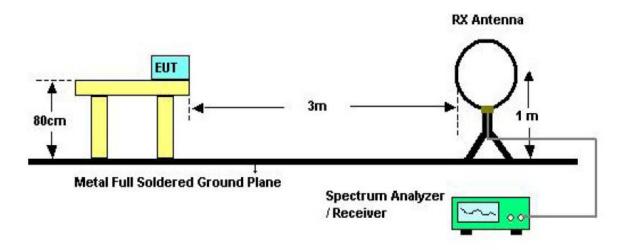
3.6. Test Results

Note: The EUT is supplied by battery, so this item does not applicable.

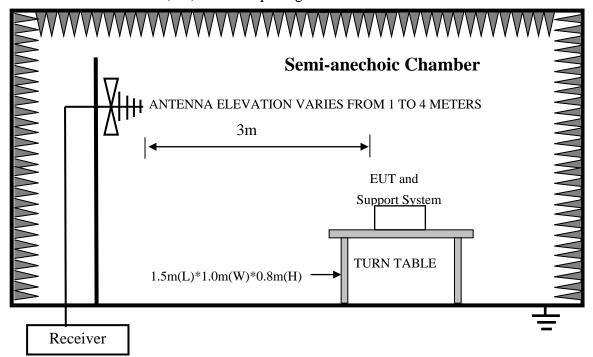
4. Radiated Emission Test

4.1. Block Diagram of Test Setup

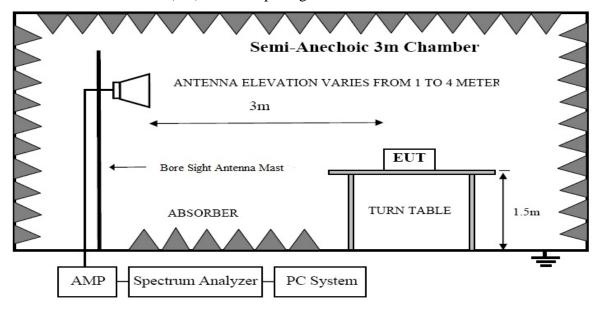
In Semi Anechoic Chamber (3m) Test Setup Diagram for 9KHz~30MHz



In Semi Anechoic Chamber (3m) Test Setup Diagram for 30MHz~1000MHz



In Semi Anechoic Chamber (3m) Test Setup Diagram for Above 1GHz



4.2. Test Limit

Frequency		Distance Field Strengt		gths Limits
MH	MHz (Mete		uV/m	dB uV/m
0.009 ~	0.490	300	2400/F(kHz)	
0.490	1.705	30	24000/F(kHz)	
1.705	30	30	30	29.5
30	88	3	100(3nW)	40
88	216	3	150(6.8nW)	43.5
216	960	3	200(12nW)	46
Above	960	3	500(75nW)	54
Carrier fre	quency	3	50000(avg)	113.97(peak) 93.97(avg)

Notes:

- 1. Emission level = Read level + Antenna Factor Preamp Factor + Cable Loss
- 2. The smaller limit shall apply at the cross point between two frequency bands.
- 3. Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.
- 4. For frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

4.3. Configuration of EUT on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner that tends to maximize its emission characteristics in normal application.

4.4. Operating Condition of EUT

- (1) Setup the EUT as shown as Section 4.1.
- (2) Turn on the power of all equipment.
- (3) Let the EUT work in test mode taking the test.

4.5. Test Procedure

- The EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1GHz and 150 cm above the ground plane inside a semi-anechoic chamber for above 1GHz. An antenna was located 3m from the EUT on an adjustable mast. A pre-scan was first performed in order to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10: 2013 on Radiated Emission test.
- (2) For the radiated emission test above 1GHz:
 - Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- (3) Test antenna was located 4m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.
 - (a) Change work frequency or channel of device if practicable.
 - (b) Change modulation type of device if practicable.
 - (c) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions
- (4) For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP
- (5) The frequency range from 9KHz to 150KHz is checked, the bandwidth of test receiver is

set at 200Hz.

The frequency range from 150KHz to 30MHz is checked, the bandwidth of test receiver is set at 9KHz.

The frequency range from 30MHz to 1000MHz is checked, the bandwidth of test receiver is set at 120kHz.

The frequency range from above 1GHz is checked, the bandwidth of Signal Analyzer is set at 1MHz.

- (6) The frequency range from 30MHz to 1000MHz was pre-scanned with a peak detector and all final readings of measurement from Test Receiver are Quasi-Peak values, the frequency range from 1GHz to 6GHz was pre-scanned with a peak detector and all final readings of measurement from Spectrum Analyzer are peak and average values checked, all measurement distance is 3m in 3m semi anechoic chamber.
- (7) Test for all x, y, z axes is performed and only the worst case of X xes was recorded in the test report.
- (8) The test results are reported on Section 4.6.

4.6. Test Results

Note: The test trace is same as the ambient noise (the test frequency range: 18GHZ-25GHz), therefore no data appear in the report.

Frequency Range : 30MHz~1000MHz

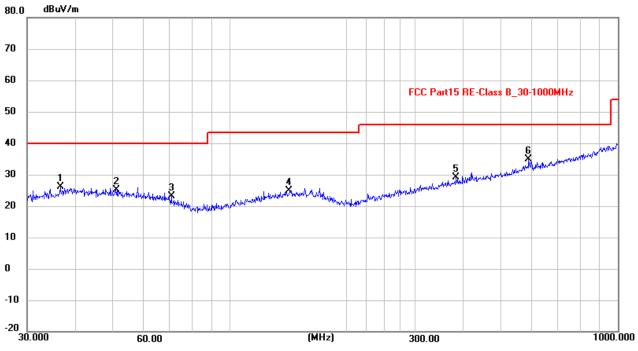
Test Mode : TX 2402MHz

Test Results : PASS

Note: 1. The test results are listed in next pages.

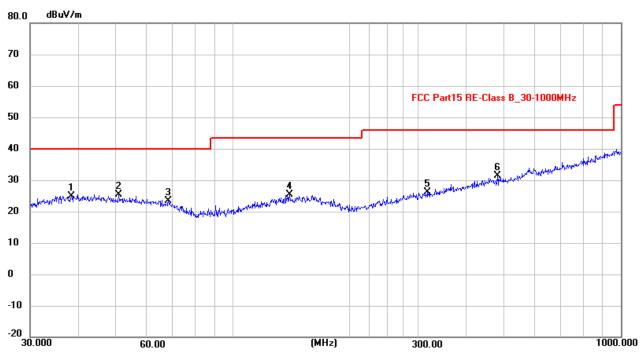
- 2. This mode is worst case mode, and this report only reflected the worst mode.
- 3. If the limits for the measurement with the quasi-peak detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out.

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	36.5092	12.94	13.14	26.08	40.00	-13.92	peak
2	51.1209	12.03	13.09	25.12	40.00	-14.88	peak
3	70.5836	12.28	10.94	23.22	40.00	-16.78	peak
4	142.3243	11.99	12.87	24.86	43.50	-18.64	peak
5	382.5879	13.45	15.75	29.20	46.00	-16.80	peak
6 *	588.9051	14.47	20.42	34.89	46.00	-11.11	peak

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	38.3462	11.59	13.41	25.00	40.00	-15.00	peak
2	50.7637	12.32	13.12	25.44	40.00	-14.56	peak
3	68.1514	11.99	11.29	23.28	40.00	-16.72	peak
4	139.8508	12.49	12.81	25.30	43.50	-18.20	peak
5	317.7011	12.06	14.10	26.16	46.00	-19.84	peak
6 *	480.5276	13.61	17.88	31.49	46.00	-14.51	peak

Freque	ency Rang	e : 10	GHz~25GHz					
EUT		: Rei	mote control			Test Date	: 2023.0	9.15
M/N		: HR	-2G4009S			Temperature	: 24°C	
Test E	Ingineer	: Jen	sen Wang			Humidity	: 56%	
Test N	l ode	: TX	2402MHz		·			
Test R	esults	: PA	SS					
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2402	Н	72.54	-3.41	75.95	113.97	-38.02	Peak
2	2402	Н		-3.41		93.97		Avg
3	4804	Н	45.36	3.23	42.13	74	-31.87	Peak
4	4804	Н		3.23		54		Avg
1	2402	V	70.93	-3.41	74.34	113.97	-39.63	Peak
2	2402	V		-3.41		93.97		Avg
3	4804	V	42.68	3.23	39.45	74	-34.55	Peak
4	4804	V		3.23		54		Avg

Note:

- 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
- 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.

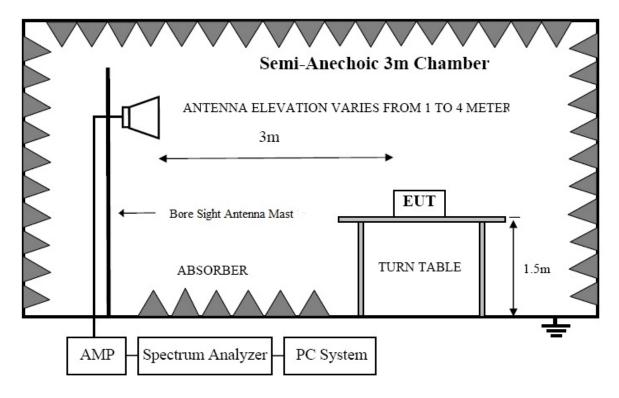
Result=Reading + Correct Factor.

Margin= Result-Limit.

- 3. Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK.
- 4. Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: Avg.
- 5. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

5. Band Edge Test

5.1. Block Diagram of Test Setup



5.2. Test Limit

Please refer section 15.249 and section 15.205.

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

249(e) As show in section 15.35(b), for frequencies above 1000MHz,the above field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak filed strength shall not exceed 2500 millivolts/meter at 3meters along the antenna azimuth.

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5.3. Configuration of EUT on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner that tends to maximize its emission characteristics in normal application.

5.4. Operating Condition of EUT

- (1) Setup the EUT as shown as Section 5.1.
- (2) Turn on the power of all equipment.
- (3) Let the EUT work in test mode taking the test.

5.5. Test Procedure

- (1) The EUT was placed on a non-metallic table, 150 cm above the ground plane inside a semi-anechoic chamber. An antenna was located 3m from the EUT on an adjustable mast. A pre-scan was first performed in order to find prominent radiated emissions. For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10: 2013 on Radiated Emission test.
- (2) For the radiated emission test above 1GHz:
 - Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- (3) Test antenna was located 4m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.
 - (a) Change work frequency or channel of device if practicable.
 - (b) Change modulation type of device if practicable.
 - (c) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions

- (5) The frequency range from above 1GHz is checked, the bandwidth of Signal Analyzer is set at 1MHz.
- (6) The frequency range from 1GHz to 6GHz was pre-scanned with a peak detector and all final readings of measurement from Spectrum Analyzer are peak and average values checked, all measurement distance is 3m in 3m semi anechoic chamber.
- (7) Test for all x, y, z axes is performed and only the worst case of X xes was recorded in the test report.
- (8) The test results are reported on Section 5.6.

5.6. Test Results

Frequency Range : 2310MHz~2410MHz								
EUT		: Rei	mote control		-	Γest Date	: 2023.0	9.15
M/N : HR-2G4009S Temperature : 24°C								
Test Engineer : Jensen Wang Humidity : 56%								
Test N	Mode	: TX	2402MHz					
Test R	Results	: PA	SS					
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	Н	43.27	-2.29	45.56	74	-28.44	Peak
2	2390	Н		-2.29		54		Avg
3	2400	Н	45.84	-2.32	48.16	74	-25.84	Peak
4	2400	Н		-2.32		54		Avg
						•		
1	2390	V	42.91	-3.41	46.32	74	-27.68	Peak
2	2390	V		-3.41		54		Avg
3	2400	V	45.73	3.23	42.5	74	-31.5	Peak
4	2400	V		3.23		54		Avg

Note:

- 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
- 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.

Result=Reading + Correct Factor.

Margin= Result-Limit.

- 3. Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK.
- 4. Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: Avg.
- 5. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

Frequ	Frequency Range : 2450MHz~2550MHz							
EUT : Remote control					,	Test Date	: 2023.0	9.15
M/N : HR-2G4009S Temperature : 24°C								
Test Engineer : Jensen Wang Humidity : 56%								
Test Mode : TX 2402MHz								
Test Results : PASS								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2483.5	Н	47.16	-3.56	50.72	74	-23.28	Peak
2	2483.5	Н		-3.56		54		Avg
1	2483.5	V	48.04	-3.56	51.6	74	-22.4	Peak
2	2483.5	V		-3.56		54		Avg

Note:

- 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
- 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.

Result=Reading + Correct Factor.

Margin= Result-Limit.

- 3. Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK.
- 4. Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: Avg.
- 5. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

6. Occupied Bandwidth Test

6.1. Block Diagram of Test Setup



6.2. Test Limit

Please refer section 15.249 and section 15.205.

6.3. Test Procedure

- (1) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.
- (2) The test receiver RBW set 30KHz,VBW set 100KHz,Sweep time set auto.

6.4. Test Results

Mode	Frequency	20dB Bandwidth	99% Bandwidth	Limit			
Wiode	MHz	(MHz)	(MHz)	(kHz)			
FSK	2402	1.363	1.633	/			
Note: 1. The test results are listed in next pages.							

Frequency: 2402MHz



7. Antenna Requirement

7.1. Standard Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator 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.

7.2. Antenna Connected Construction

The directional gains of antenna used for transmitting is 1.68 dBi, and the antenna is fixed antenna no consideration of replacement. Please see EUT photo for details.

7.3. Results

The EUT antenna is PCB Antenna. It complies with the standard requirement.

8. Photos of test setup

Reference to the appendix I Test Setup Photo for details.

9. Photos of EUT

Reference to the appendix II external photos and appendix III internal photos for details.

----- END OF REPORT-----