

FCC Test Report

Report No.: AGC08482190601FE03

FCC ID : 2AEVN-R09

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION: Remote Control Toys

BRAND NAME : N/A

R09, R01, R02, R03, R05, R06, R07, R08, R09A, R09B,

R09C, R09D, R09E, R09F, R09H, R09L, R09M, R09N,

R09P, R09Q, R09S, R09X, R09W, R10, R20, R30, R50, R60, R70, R80, R90, R MINI, R PRO, R RANGER, R PET

APPLICANT: GUANGDONG ATTOP TECHNOLOGY CO., LTD

DATE OF ISSUE : Jul. 24, 2019

STANDARD(S)

MODEL NAME

TEST PROCEDURE(S) : FCC Part 15 Rules

REPORT VERSION: V1.0

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	91.6	Jul. 24, 2019	Valid	Initial Release



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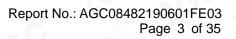
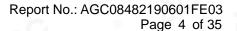




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1. VERIFICATION OF CONFORMITY

Applicant	GUANGDONG ATTOP TECHNOLOGY CO., LTD		
Address	LINGHAI INDUSTRY ZONE, LAIMEI ROAD, CHENGHAI DISTRICT, SHANTOU, GUANGDONG, CHINA		
manufacturer	GUANGDONG ATTOP TECHNOLOGY CO., LTD		
Address	LINGHAI INDUSTRY ZONE, LAIMEI ROAD, CHENGHAI DISTRICT, SHANTOU, GUANGDONG, CHINA		
Product Designation	Remote Control Toys		
Brand Name	N/A		
Test Model	R09		
Series Model	R01, R02, R03, R05, R06, R07, R08, R09A, R09B, R09C, R09D, R09E, R09F, R09H, R09L, R09M, R09N, R09P, R09Q, R09S, R09X, R09W, R10, R20, R30, R50, R60, R70, R80, R90, R MINI, R PRO, R RANGER, R PET		
Difference description	All the same except for the model name and color		
Date of test	Jul. 05, 2019 to Jul. 23, 2019		
Deviation	None		
Condition of Test Sample	ole Normal		
Test Result	Pass		
Report Template	AGCRT-US-BR/RF		

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.249.

> NINI Tested By NiNi(Guo lili) Jul. 23, 2019 Max Zhang Reviewed By Max Zhang(Zhang Yi) Jul. 24, 2019 Forrest les Approved By Forrest Lei(Lei Yonggang) Jul. 24, 2019 **Authorized Officer**



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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

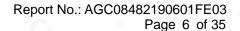
Operation Frequency	2.420 GHz to 2.465GHz		
Maximum field strength	86.81dBuV/m(Average)@3m		
Modulation	GFSK		
Number of channels	3		
Antenna Gain	0dBi		
Antenna Designation	Wire antenna (Met 15.203 Antenna requirement)		
Hardware Version	WJ-YDR09T		
Software Version	V1.0		
Power Supply	DC 4.5V by battery		

2.2. TABLE OF CARRIER FREQUENCY

Channel Number	Frequency	Channel Number	Frequency	Channel Number	Frequency
1	2420MHz	2 2	2445MHz	3	2465MHz



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3. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission, Uc = ±3.2 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±3.9 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB



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4. DESCRIPTION OF TEST MODES

NO.		TEST MODE DESCRIPTION	
1	0 0	Low channel GFSK	C 2 F
2		Middle channel GFSK	\G\(^2\)
3	G o	High channel GFSK	10
			(60)

Note:

- 1. All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if
- For Radiated Emission, 3axis were chosen for testing for each applicable mode.



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5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

EUT	

5.2 EQUIPMENT USED IN TESTED SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Remote Control Toys	R09	2AEVN-R09	EUT

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT	
§15.249&15.209 Radiated Emission		Compliant	
§15.249 Band Edges		Compliant	
§15.215 20dB bandwidth		Compliant	
§15.207	Conducted Emission	N/A	

Note: The conducted limits are not required for devices which only employ battery power for operation.



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6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd			
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China			
Designation Number	CN1259			
FCC Test Firm Registration Number	975832			
A2LA Cert. No.	5054.02			
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA			

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun. 12, 2019	Jun. 11, 2020
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 20, 2018	Dec. 19, 2019
2.4GHz Fliter	EM Electronics	2400-2500MHz	N/A	Feb. 27, 2019	Feb. 26, 2020
Attenuator	ZHINAN	E-002	N/A	Aug. 28, 2018	Aug. 27, 2019
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 21, 2017	Sep. 20, 2020
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Jun. 14, 2018	Jun. 13, 2020
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May. 26, 2018	May. 25, 2020
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Oct. 25, 2018	Oct. 24, 2019
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep. 28, 2017	Sep. 27, 2019





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7. RADIATED EMISSION

7.1TEST LIMIT

Standard FCC15.249

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
900-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

Standard FCC 15.209

Frequency	Distance	Field	Strengths Limit
(MHz)	Meters	μ V/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(kHz)	P 10
0.490 ~ 1.705	30	24000/F(kHz)	
1.705 ~ 30	30	30	(C) 2.C 2°
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	Other:74.0 dB(µV)/m	(Peak) 54.0 dB(μV)/m (Average)

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (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.



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7.2. MEASUREMENT PROCEDURE

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use minimum resolution bandwidth of 1 MHz. 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.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.



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The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
Start ~Stop Frequency	1GHz~26.5GHz RBW 4MHz/ 50VBW MHz for Peak, RBW 4MHz/1kHz for Average

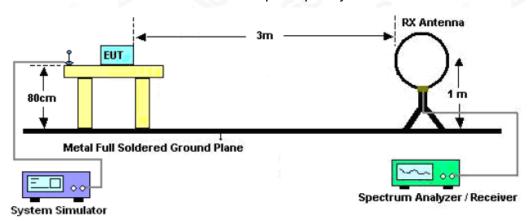
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP



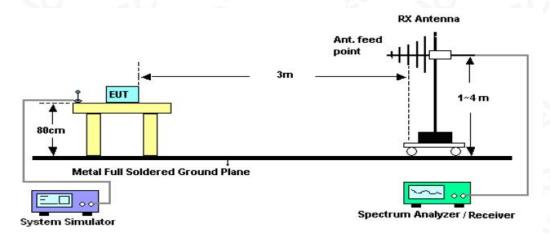


7.3. TEST SETUP

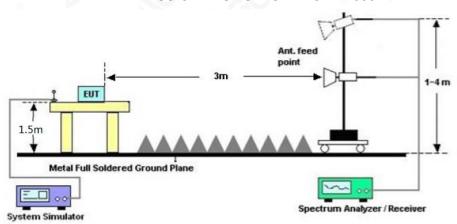
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz





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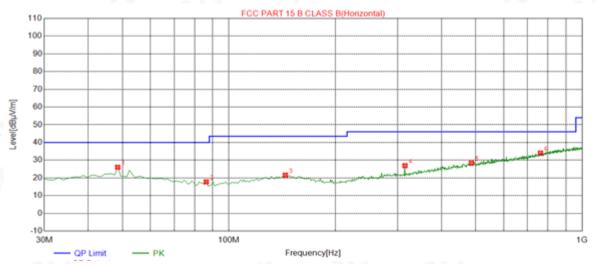
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

No emission found between lowest internal used/generated frequencies to 30MHz.

RADIATED EMISSION 30MHz-1GHZ

EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization:	Horizontal

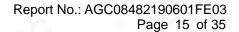


NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	48.4300	26.01	14.71	40.00	13.99	100	10	Horizontal
2	86.2600	17.76	10.22	40.00	22.24	200	296	Horizontal
3	144.4600	21.61	14.88	43.50	21.89	150	359	Horizontal
4	315.1800	26.95	16.48	46.00	19.05	150	192	Horizontal
5	485.9000	28.37	21.85	46.00	17.63	150	159	Horizontal
6	762.3500	34.03	27.50	46.00	11.97	100	346	Horizontal



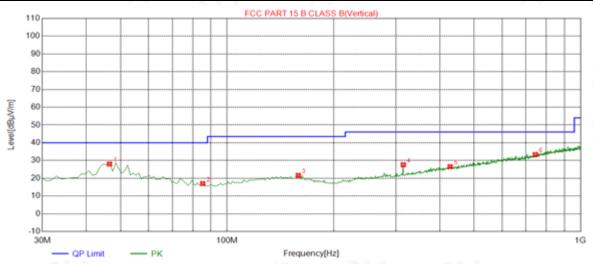
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EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization :	Vertical



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	46.4900	28.01	14.77	40.00	11.99	100	125	Vertical
2	85.2900	16.98	10.20	40.00	23.02	150	352	Vertical
3	159.0100	21.59	14.94	43.50	21.91	200	41	Vertical
4	315.1800	27.60	16.48	46.00	18.40	150	251	Vertical
5	427.7000	26.50	20.48	46.00	19.50	200	92	Vertical
6	744.8900	33.33	27.10	46.00	12.67	100	302	Vertical

RESULT: PASS

Note:

Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

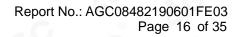
The "Factor" value can be calculated automatically by software of measurement system.

The mode 1 is the worst case, and only the data of the worst case recorded in this test report.



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FIELD STRENGTH OF FUNDAMENTAL

EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Modulation :	GFSK	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
2420.031	102.54	-9.61	92.93	114.00	-21.07	peak
2420.031	96.42	-9.61	86.81	94.00	-7.19	AVG
2445.031	102.14	-9.28	92.86	114.00	-21.14	peak
2445.031	95.87	-9.28	86.59	94.00	-7.41	AVG
2465.031	101.85	-9.14	92.71	114.00	-21.29	peak
2465.031	95.16	-9.14	86.02	94.00	-7.98	AVG
Remark:	@			-6	8	
actor = Ante	enna Factor + Ca	ble Loss –	Pre-amplifier.		a.O	

EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Modulation :	GFSK	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
2420.031	101.42	-9.61	91.81	114.00	-22.19	peak
2420.031	95.32	-9.61	85.71	94.00	-8.29	AVG
2445.031	101.35	-9.28	92.07	114.00	-21.93	peak
2445.031	95.04	-9.28	85.76	94.00	-8.24	AVG
2465.031	101.25	-9.14	92.11	114.00	-21.89	peak
2465.031	94.64	-9.14	85.50	94.00	-8.50	AVG



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RADIATED EMISSION ABOVE 1GHZ

EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization:	Horizontal

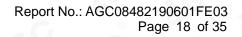
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4840.062	49.85	3.76	53.61	74.00	-20.39	peak
4840.062	43.42	3.76	47.18	54.00	-6.82	AVG
7260.093	46.78	8.17	54.95	74.00	-19.05	peak
7260.093	40.25	8.17	48.42	54.00	-5.58	AVG
emark:						. (3)
actor = Ante	enna Factor + Ca	ble Loss -	Pre-amplifier.	(6)		

EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization:	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4840.062	46.78	3.76	50.54	74.00	-22.45	peak
4840.062	40.54	3.76	44.30	54.00	-5.96	AVG
7260.093	44.69	8.17	52.86	74.00	-23.29	peak
7260.093	38.42	8.17	46.59	54.00	-9.74	AVG



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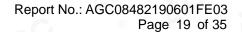
EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 2	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4890.062	48.74	3.78	52.52	74.00	-21.48	peak
4890.062	42.15	3.78	45.93	54.00	-8.07	AVG
7335.093	46.42	8.23	54.65	74.00	-19.35	peak
7335.093	40.24	8.23	48.47	54.00	-5.53	AVG
Remark:						

EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 2	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4890.062	48.85	3.78	52.63	74.00	-21.37	peak
4890.062	42.64	3.78	46.42	54.00	-7.58	AVG
7335.093	45.74	8.23	53.97	74.00	-20.03	peak
7335.093	39.21	8.23	47.44	54.00	-6.56	AVG
Remark:		6		100		
actor = Ante	enna Factor + Ca	able Loss –	Pre-amplifier.			







EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 3	Polarization:	Horizontal

Fraguenay	Meter Reading	Factor	Emission Level	Limits	Margin	
Frequency	Meter Reading	Facioi	Ellission Level	LIIIIIII	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4930.062	48.77	3.81	52.58	74.00	-21.42	peak
4930.062	42.36	3.81	46.17	54.00	-7.83	AVG
7395.093	44.52	8.27	52.79	74.00	-21.21	peak
7395.093	38.16	8.27	46.43	54.00	-7.57	AVG
Remark:	10-	.0				
actor = Ante	enna Factor + Ca	ble Loss -	Pre-amplifier.			

EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 3	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4930.062	49.25	3.81	53.06	74.00	-20.94	peak
4930.062	43.04	3.81	46.85	54.00	-7.15	AVG
7395.093	46.77	8.27	55.04	74.00	-18.96	peak
7395.093	40.42	8.27	48.69	54.00	-5.31	AVG
Remark:		1	•		100	- 0
actor = Ante	enna Factor + Ca	ble Loss -	Pre-amplifier.			

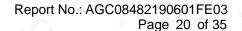
Note: Other emissions from 8G to 25 GHz are considered as ambient noise. No recording in the test report. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.



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8. BAND EDGE EMISSION

8.1. MEASUREMENT PROCEDURE

- 1. The EUT operates at transmitting mode. The operate channel is tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
- 2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission: (a) PEAK: RBW=1MHz, VBW=3MHz / Sweep=AUTO
- (b) AVERAGE: RBW=1MHz; VBW=1/on time(1KHz) / Sweep=AUTO
- 3. Other procedures refer to clause 7.2.

8.2 TEST SETUP

Ant. feed point 1-4 m

Metal Full Soldered Ground Plane System Simulator Spectrum Analyzer / Receiver

RADIATED EMISSION TEST SETUP

8.3 RADIATED TEST RESULT

Note:

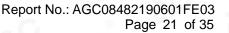
- 1. Factor=Antenna Factor + Cable loss Amplifier gain. Field Strength=Factor + Reading level
- 2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude. Use the F dB(μ V/m) to represent the Field Strength. So A=F.



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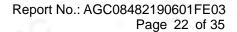




EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization :	Horizontal





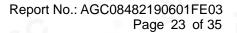




EUT:	Remote Control Toys	Model Name. :	R09
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 1	Polarization :	Vertical





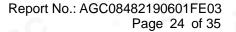




EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 3	Polarization :	Horizontal









EUT:	Remote Control Toys	Model Name. :	R09
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010hPa	Test Voltage :	DC4.5V
Test Mode :	Mode 3	Polarization :	Vertical

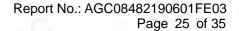


Note: The value of the peak emission are less than the average limits, so the average value are deemed to comply with the average limits without test.



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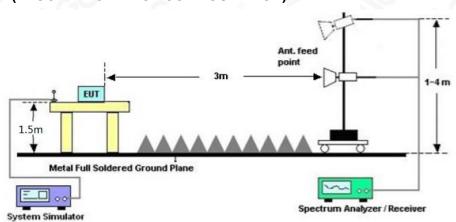


9. 20DB BANDWIDTH

9.1. MEASUREMENT PROCEDURE

- 1. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 2. Set SPA Centre Frequency = Operation Frequency, RBW= 30 KHz, VBW ≥ 3×RBW.
- 3. Set SPA Trace 1 Max hold, then View.

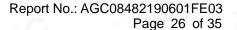
9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)





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9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH	60	0		
TEST MODULATION	GFSK	100	10°C	- 6	

Test Data (MHz)	Criteria	
Low Channel	3.525	PASS
Middle Channel	3.474	PASS
High Channel	2.582	PASS

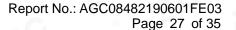
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL





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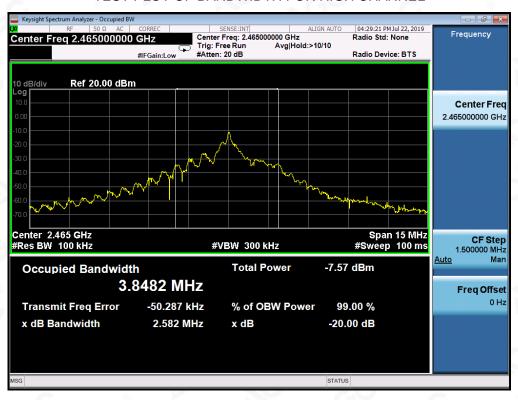




TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL

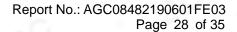




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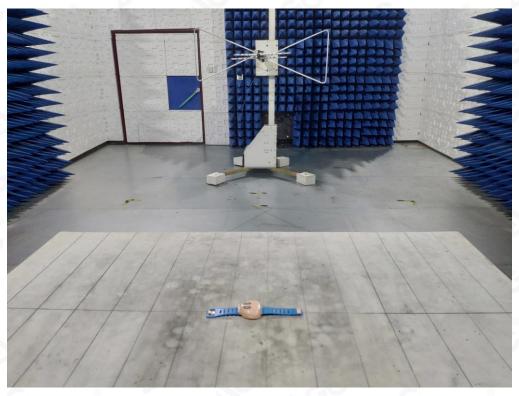
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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



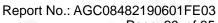
FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ





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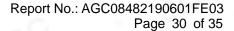
APPENDIX B: PHOTOGRAPHS OF THE EUT

ALL VIEW OF EUT



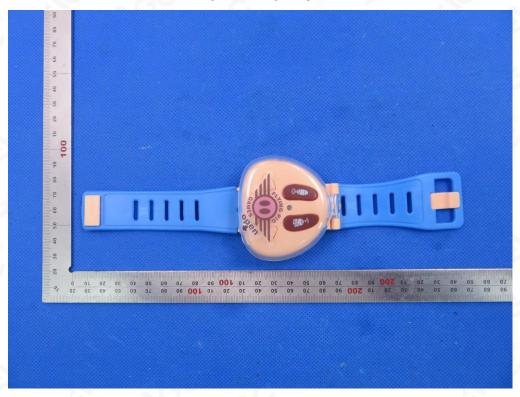


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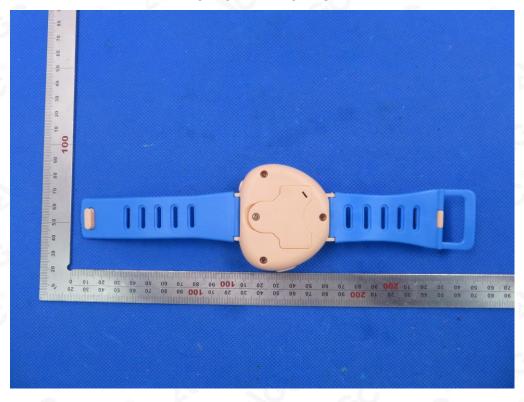




TOP VIEW OF EUT



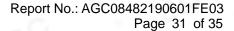
BOTTOM VIEW OF EUT





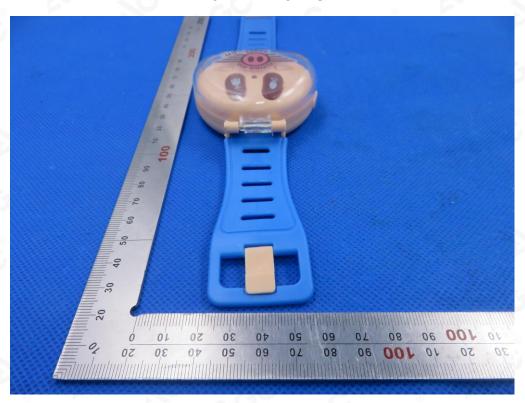
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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,

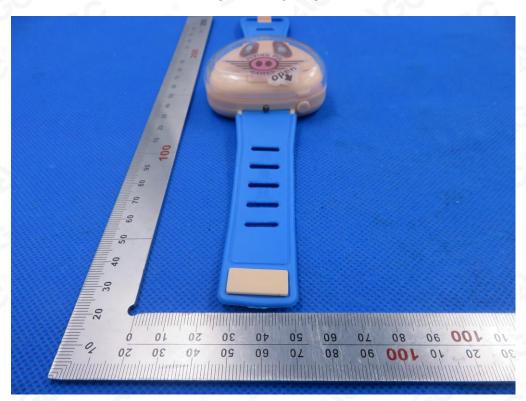




FRONT VIEW OF EUT



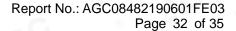
BACK VIEW OF EUT





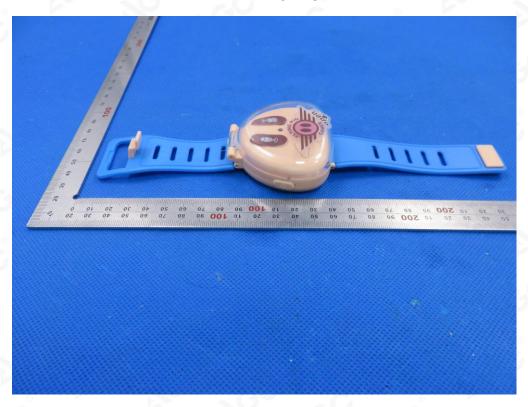
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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,

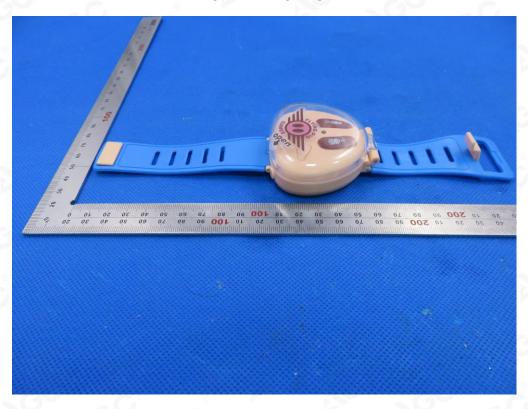




LEFT VIEW OF EUT



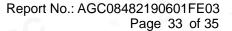
RIGHT VIEW OF EUT





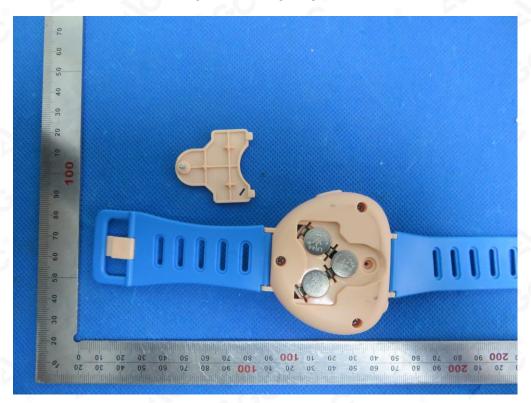
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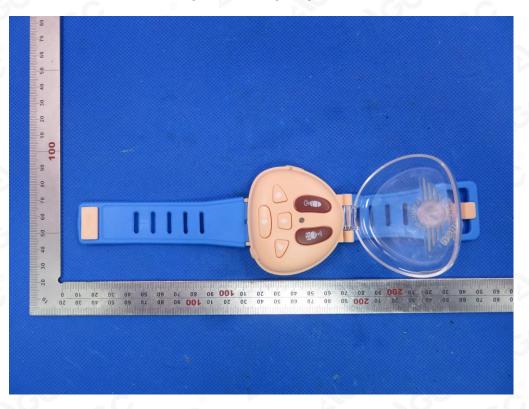




OPEN VIEW OF EUT-1



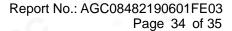
OPEN VIEW OF EUT-2





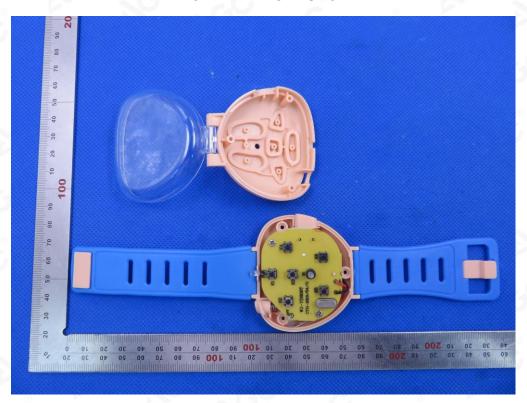
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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technial Industrial Park, Gushu,

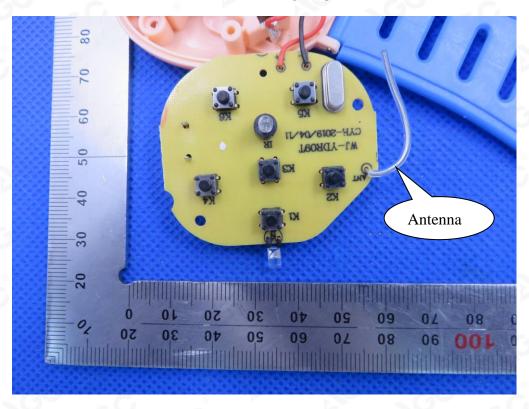




OPEN VIEW OF EUT-3



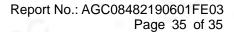
INTERNAL VIEW OF EUT-1





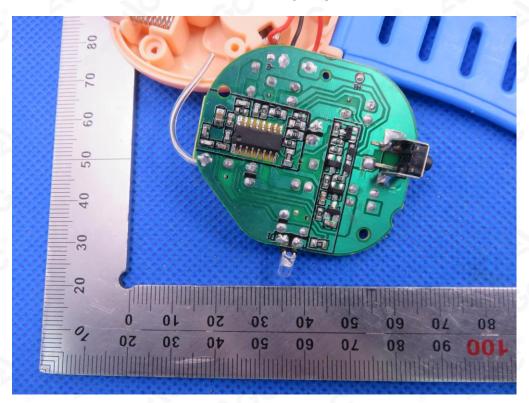
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INTERNAL VIEW OF EUT-2



----END OF REPORT----



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