

FCC Test Report

Report No.: AGC11741230403FE04

FCC ID	:	2AXV4G03063R
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	2.4 G remote control car
BRAND NAME	:	N/A
MODEL NAME	:	G03063R, G03087R, G03088R, G03089R, G03090R, G03091R, G03092R, G03093R, G03094R, G03095R
APPLICANT	:	HONGDI TOYS FACTORY
DATE OF ISSUE	:	May 08, 2023
STANDARD(S) TEST PROCEDURE(S)	:	FCC Part 15 Rules
REPORT VERSION	:	V1.0







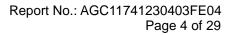
REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May 08, 2023	Valid	Initial Release



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1. VERIFICATION OF CONFORMITY

Applicant	HONGDI TOYS FACTORY
Address	No. 82 Zhenxing Road, Chenghai District, Shantou City, China
Manufacturer	HONGDI TOYS FACTORY
Address	No. 82 Zhenxing Road, Chenghai District, Shantou City, China
Factory	HONGDI TOYS FACTORY
Address	No. 82 Zhenxing Road, Chenghai District, Shantou City, China
Product Designation	2.4 G remote control car
Brand Name	N/A
Test Model	G03063R
Series Model	G03087R, G03088R, G03089R, G03090R, G03091R, G03092R, G03093R, G03094R, G03095R
Difference Description	The remote control is exactly the same, the circuit of the toy car is the same, but the appearance shape and color are different.
Date of receipt of test item	Apr. 28, 2023
Date of test	Apr. 28, 2023 to May 08, 2023
Deviation	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Report Template	AGCRT-US-2.4G/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.

Prepared By in Dran Alan Duan May 08, 2023 (Project Engineer) **Reviewed By** Calvin Liu May 08, 2023 (Reviewer) Approved By

Max Zhang (Authorized Officer)

May 08, 2023



2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2410MHz to 2473MHz
Maximum field strength	88.73dBuV/m(average)@3m
Modulation	GFSK
Number of channels	32
Antenna Gain	0dBi
Antenna Designation	Wire Antenna (Met 15.203 Antenna requirement)
Hardware Version	1.0
Software Version	1.0
Power Supply	DC 3V by battery



2.2. TABLE OF CARRIER FREQUENCY

Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	2410	17	2441
2	2414	18	2442
3	2415	19	2444
4	2416	20	2446
5	2417	21	2450
6	2418	22	2452
7	2419	23	2454
8	2421	24	2456
9	2426	25	2458
10	2428	26	2462
11	2429	27	2464
12	2430	28	2465
13	2431	29	2466
14	2433	30	2467
15	2434	31	2469
16	2439	32	2473



3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard

uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

- Uncertainty of Conducted Emission, Uc = ±2.9 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±3.9 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.9 dB
- Uncertainty of Occupied Channel Bandwidth: $Uc = \pm 2 \%$



4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION				
1	Low channel TX_2410MHz_GFSK				
2	Middle channel TX_2442MHz_GFSK				
3	High channel TX_2473MHz_GFSK				
Note:	Note:				
1. O	 Only the result of the worst case was recorded in the report, if no other cases. 				
2. Fo	2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.				

3. The EUT adjusts the frequency through the button.

4. For battery operated equipment, the equipment tests are performed using a new battery.



5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Radiated Emission Configure:

EUT

Conducted Emission Configure:

EUT	AE

5.2 EQUIPMENT USED IN TESTED SYSTEM

Item	Equipment Model No.		ID or Specification	Remark
1	2.4 G remote control car	G03063R	2AXV4G03063R	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	Not applicable

Note: The conducted emission tests at AC port are not required for devices which only employ battery power for operation.



6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Commun 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	Feb. 18, 2023	Feb. 17, 2024
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Aug. 04, 2022	Aug. 03, 2023
Signal Analyzer	Aglient	N9020A	MY52090123	Aug. 04, 2022	Aug. 03, 2023
2.4GHz Filter	EM Electronics	N/A	N/A	Mar. 18, 2022	Mar. 19, 2024
Attenuator	ZHINAN	E-002	N/A	Aug. 04, 2022	Aug. 03, 2024
Horn Antenna	SCHWARZBEC	BBHA9170	768	Oct. 31, 2021	Oct. 30, 2023
Active Loop Antenna (9K-30Mhz)	ZHINAN	ZN30900C	18051	Mar. 12, 2022	Mar. 11, 2024
Double-Ridged Waveguide Horn	ETS	3117	00034609	Apr. 23, 2023	Apr. 22, 2024
Preamplifier Assembly	ETS	3117PA	00225134	Sep. 01, 2022	Sep. 02, 2024
Wideband Antenna	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 05, 2023	Jan. 04, 2025
Test software	FARA	EZ-EMC	Ver.RA-03A	N/A	N/A
Test software	Tonscend	JS32-RE	Ver.2.5	N/A	N/A



7. RADIATED EMISSION

7.1TEST LIMIT

Standard FCC15.249

Fundamental Frequency	Field Strength of Fundamental	Field Strength of Harmonics
	(millivolts/meter)	(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	ր V/m	dB(µV)/m			
0.009 ~ 0.490	300	2400/F(kHz)				
0.490 ~ 1.705	30	24000/F(kHz)				
1.705 ~ 30	30	30				
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 smalle	er limit shall apply at the cros	s point between two frequen	cy 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.

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.



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

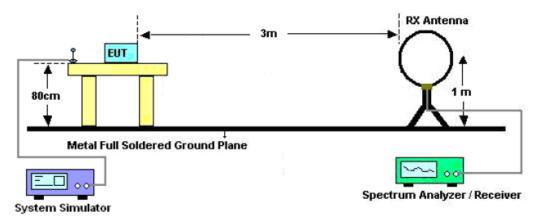
Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
	1GHz~26.5GHz
Start ~Stop Frequency	RBW 2.4MHz/ VBW 8MHz for Peak,
	RBW 2.4MHz/10Hz for Average

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

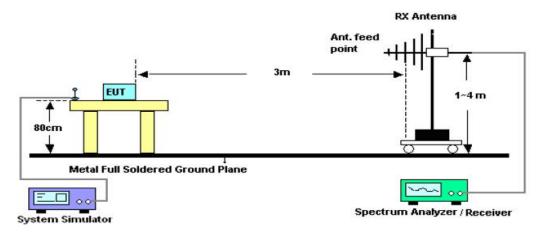


7.3. TEST SETUP

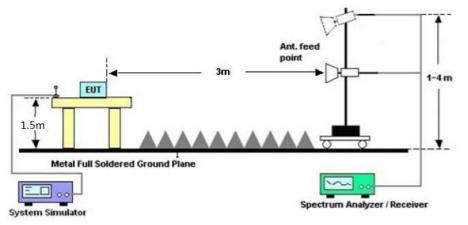
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz





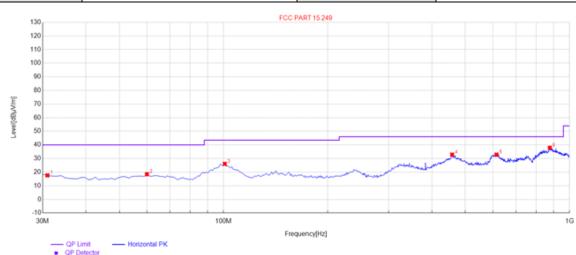
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

EUT	2.4 G remote control car	Model Name	G03063R		
Temperature	23.6°C	Relative Humidity	57.9%		
Pressure	985kPa	Test Voltage	Normal Voltage		
Test Mode	Mode 1	Polarization	Horizontal		

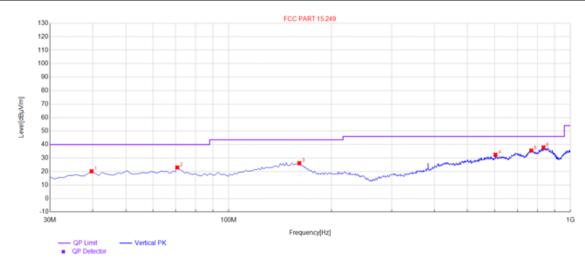
RADIATED EMISSION 30MHz-1GHZ



NO.∉	Freq.↩ [MHz]↩	Level↩ [dBµV/m]↩	Factor⊬ [dB]∉	Limit⊭ [dBµV/m]∉	Margin⊷ [dB]↩	Height⊮ [cm]∉	Angle⊬ [°]⊬	Polarity∉
1 ₽	30.97₽	17.63 ₽	12.50₽	40.00 ⊷	22.37 ₽	100↩	187₽	Horizontal⊮
2₽	60.07₽	18.49 ₽	12.90 ₽	40.00 ⊷	21.51 ₽	100↩	160 ₽	Horizontalℯ
3₽	100.81 ₽	26.10 ₽	21.07₽	43.50⊷	17.40₽	100↩	175₽	Horizontalℯ
4₽	457.77₽	32.88 ₽	27.30₽	<mark>46.00</mark> ⊷	13.12 ₽	100↩	293 ₽	Horizontale
5 ₽	614.91₽	32.88 ₽	28.16 ₽	<mark>46.00</mark> ⊷	13.12₽	100↩	101₽	Horizontalℯ
6 ⊷	876.81₽	37.93 ₽	32.76₽	<mark>46.00</mark> ₽	8.07₽	100 ⊷	152₽	Horizontal₽



EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Polarization	Vertical



NO.₽	Freq.↩ [MHz]↩	Level↩ [dBµV/m]↩	Factor⊮ [dB]∉	Limit∉ [dBµV/m]∉	Margin⊌ [dB]₽	Height⊬ [cm]∉	Angle⊬ [°]⊬	Polarity
1₽	39.7 ₽	20.18 ₽	11.67₽	40.00	19.82 ₽	100₽	359₽	Vertical.
2₽	70.74 ₽	23.04 ₽	13.42 ₽	40.00 * ³	16.96 ₽	100⊷	244₽	Vertical
3₽	160.95 ₽	26.15 ₽	21.61 ₽	43.50⊷	17.35₽	100⊷	126₽	Vertical
4₽	603.27₽	32.45₽	25.85 ₽	<mark>46.00</mark> ⊷	13.55₽	100⊷	240↩	Vertical
5₽	768.17₽	35.51₽	30.68	<mark>46.00</mark> ⊷	10.49 ₽	100⊷	338₽	Vertical
<mark>6</mark> ₽	<mark>834.13</mark> ₽	37.87₽	32.25₽	<mark>46.00</mark> ⊷	8.13₽	100₽	352₽	Vertical

RESULT: PASS Note:

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

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.



EUT	2.4 G remote control car	Model Name	G03063R		
Temperature	23.6°C	Relative Humidity	57.9%		
Pressure	985kPa	Test Voltage	Normal Voltage		
Test Modulation	GFSK	Polarization	Horizontal		

FIELD STRENGTH OF FUNDAMENTAL

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
2410	49.81	49.05	98.86	114.00	-15.14	peak
2410	39.07	49.05	88.12	94.00	-5.88	AVG
2442	42.26	49.12	91.38	114.00	-22.62	peak
2442	37.39	49.12	86.51	94.00	-7.49	AVG
2473	50.47	49.25	99.72	114.00	-14.28	peak
2473	39.48	49.25	88.73	94.00	-5.27	AVG
Remark:						
Factor = Anten	na Factor + Cabl	e Loss – Pre-ar	nplifier.			

EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
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	
2410	44.37	49.05	96.28	114.00	-17.72	peak	
2410	29.51	49.05	85.12	94.00	-8.88	AVG	
2442	45.31	49.12	87.64	114.00	-26.36	peak	
2442	30.11	49.12	83.41	94.00	-10.60	AVG	
2473	40.78	49.25	95.66	114.00	-18.35	peak	
2473	30.48	49.25	83.14	94.00	-10.86	AVG	
Remark:							
Factor = Anter	actor = Antenna Factor + Cable Loss – Pre-amplifier.						



RADIATED EMISSION ABOVE 1GHZ

EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
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
4820	48.52	3.76	52.28	74.00	-21.72	peak
4820	43.46	3.76	47.22	54.00	-6.78	AVG
7230	42.53	8.17	50.70	74.00	-23.30	peak
7230	38.67	8.17	46.84	54.00	-7.16	AVG
Remark:						
actor = Anter	nna Factor + Cabl	e Loss – Pre-a	mplifier.			

EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.0°C	Relative Humidity	51.8%
Pressure	985kPa	Test Voltage	Normal Voltage
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
4820	47.79	3.76	51.55	74.00	-22.45	peak
4820	43.61	3.76	47.37	54.00	-6.63	AVG
7230	42.48	8.17	50.65	74.00	-23.35	peak
7230	37.53	8.17	45.70	54.00	-8.30	AVG
Remark:						
actor = Anter	nna Factor + Cable	e Loss – Pre-	amplifier.			



EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
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
4884	47.61	3.78	51.39	74.00	-22.61	peak
4884	43.21	3.78	46.99	54.00	-7.01	AVG
7326	43.84	8.23	52.07	74.00	-21.93	peak
7326	39.65	8.23	47.88	54.00	-6.12	AVG
Remark:						
Factor = Anter	nna Factor + Cabl	e Loss – Pre-	amplifier.			

EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
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
4884	48.36	3.78	52.14	74.00	-21.86	peak
4884	42.65	3.78	46.43	54.00	-7.57	AVG
7326	44.83	8.23	53.06	74.00	-20.94	peak
7326	39.74	8.23	47.97	54.00	-6.03	AVG
Remark:					-	<u>.</u>
actor = Anter	nna Factor + Cabl	e Loss – Pre-	amplifier.			



EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Polarization	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
4946	47.46	3.81	51.27	74.00	-22.73	peak
4946	44.65	3.81	48.46	54.00	-5.54	AVG
7419	42.53	8.27	50.80	74.00	-23.20	peak
7419	38.79	8.27	47.06	54.00	-6.94	AVG
Remark:						-
actor = Anter	na Factor + Cabl	e Loss – Pre-a	amplifier.			

EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Polarization	Vertical

				Margin	
(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
48.88	3.81	52.69	74.00	-21.31	peak
43.46	3.81	47.27	54.00	-6.73	AVG
44.63	8.27	52.90	74.00	-21.10	peak
40.52	8.27	48.79	54.00	-5.21	AVG
· · ·					
	43.46 44.63 40.52	43.46 3.81 44.63 8.27 40.52 8.27	43.46 3.81 47.27 44.63 8.27 52.90	43.46 3.81 47.27 54.00 44.63 8.27 52.90 74.00 40.52 8.27 48.79 54.00	43.46 3.81 47.27 54.00 -6.73 44.63 8.27 52.90 74.00 -21.10 40.52 8.27 48.79 54.00 -5.21

RESULT: PASS

Note: The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.

Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Emission Level-Limit.

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



8. BAND EDGE EMISSION

8.1TEST LIMIT

	Limit of the Field Strength (dBµV/m)		
Frequency Band	Peak	Average	
f≪2390MHz	74	54	
f≥2483.5MHz	74	54	

8.2. 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.

RADIATED EMISSION TEST SETUP

8.3 TEST SETUP

8.4 TEST RESULT

Note:

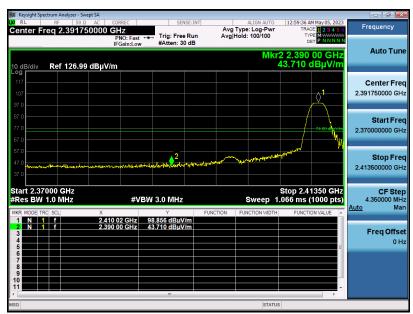
1. Factor=Antenna Factor + Cable loss - Amplifier gain. Field Strength=Factor + Reading level

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	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Polarization	Horizontal



Peak Value

Average Value



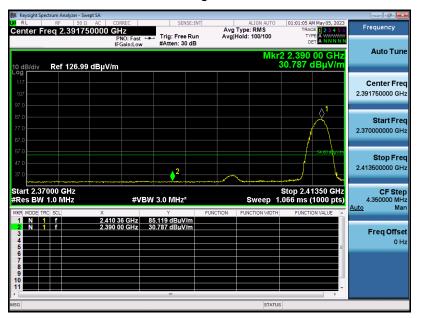


EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Polarization	Vertical



Peak Value

Average Value





EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Polarization	Horizontal



Peak Value

Average Value





EUT	2.4 G remote control car	Model Name	G03063R
Temperature	23.6°C	Relative Humidity	57.9%
Pressure	985kPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Polarization	Vertical



Peak Value

Average Value



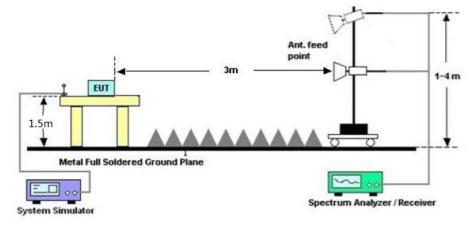


9. 20DB BANDWIDTH

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 ≥1×RBW.
- 3. Set SPA Trace 1 Max hold, then View.

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





9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH
TEST MODULATION	GFSK

Test Channel (MHz)	20DB BANDWIDTH (MHz)	99% BANDWIDTH (MHz)	Criteria
2410	1.122	1.2017	PASS
2442	1.312	1.2662	PASS
2473	1.336	1.3390	PASS



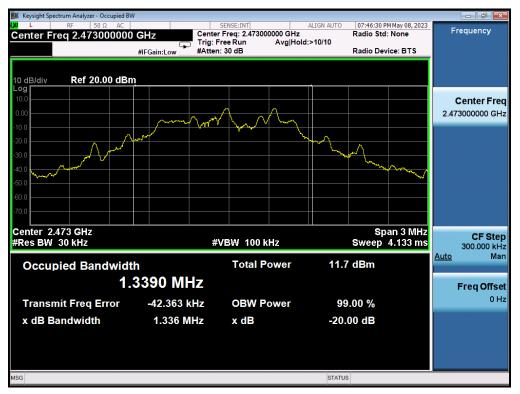






TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL

TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL





APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC11741230403AP01

APPENDIX B: PHOTOGRAPHS OF THE EUT

Refer to the Report No.: AGC11741230403AP02

----END OF REPORT----



Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

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8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

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