

FCC Test Report

Report No.: AGC02955200602FE03

FCC ID : ZAWUGDH-8158-3
APPLICATION PURPOSE : Original Equipment
PRODUCT DESIGNATION : Radio Control Car
BRAND NAME : N/A
MODEL NAME : DH-8158-3, DH-8156, DH-8158, DH-8159, DH-8200,
DH-8201, DH-8202, DH-8203
APPLICANT : Shantou Meiya Export and Import Trading Co.,Ltd
DATE OF ISSUE : Jul 21, 2020
STANDARD(S) : FCC Part 15 Rules
TEST PROCEDURE(S)
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.



REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul. 21, 2020	Valid	Initial Release



TABLE OF CONTENTS

1. VERIFICATION OF CONFORMITY	4
2. GENERAL INFORMATION	5
2.1. PRODUCT DESCRIPTION	5
2.2. TABLE OF CARRIER FREQUENCY	5
4. DESCRIPTION OF TEST MODES	7
5. SYSTEM TEST CONFIGURATION	8
5.1. CONFIGURATION OF EUT SYSTEM	8
5.2 EQUIPMENT USED IN TESTED SYSTEM	8
5.3. SUMMARY OF TEST RESULTS	8
6. TEST FACILITY	9
7. RADIATED EMISSION	10
7.1TEST LIMIT	10
7.2. MEASUREMENT PROCEDURE	11
7.3. TEST SETUP	13
7.4. TEST RESULT	14
8. BAND EDGE EMISSION	20
8.1. MEASUREMENT PROCEDURE	20
8.2 TEST SETUP	20
8.3 RADIATED TEST RESULT	20
9. 20DB BANDWIDTH	25
9.1. MEASUREMENT PROCEDURE	25
9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	25
9.3. MEASUREMENT RESULTS	26
APPENDIX A: PHOTOGRAPHS OF TEST SETUP	28
APPENDIX B: PHOTOGRAPHS OF THE EUT	29



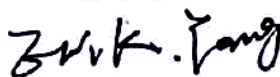
1. VERIFICATION OF CONFORMITY

Applicant	Shantou Meiya Export and Import Trading Co.,Ltd
Address	Laimei Industrial Zone, Chenghai District, Shantou City, Guangdong Province, China
Manufacturer	Guangdong Quanyu Arts Toys Co.,Ltd
Address	Laimei Industrial Zone, Chenghai District, Shantou City, Guangdong Province, China
Factory	Guangdong Quanyu Arts Toys Co.,Ltd
Address	Laimei Industrial Zone, Chenghai District, Shantou City, Guangdong Province, China
Product Designation	Radio Control Car
Brand Name	N/A
Test Model	DH-8158-3
Series Model	DH-8156, DH-8158, DH-8159, DH-8200, DH-8201, DH-8202, DH-8203
Difference description	All the same except for the model name.
Date of test	Jul. 06, 2020 to Jul. 21, 2020
Deviation	None
Condition of Test Sample	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.

Prepared By



Erik Yang
(Project Engineer)

Jul. 21, 2020

Reviewed By



Max Zhang
(Reviewer)

Jul. 21, 2020

Approved By



Forrest Lei
(Authorized Officer)

Jul. 21, 2020



2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2.410GHz - 2.473GHz
Maximum field strength	98.68dBuV/m(peak)@3m 87.41dBuV/m(Average)@3m
Modulation	GFSK
Number of channels	32
Antenna Gain	0dBi
Antenna Designation	Internal Antenna (Met 15.203 Antenna requirement)
Hardware Version	HN-4T88-2.4G
Software Version	V1.0
Power Supply	DC 3V by battery

2.2. TABLE OF CARRIER FREQUENCY

Frequency Band	Channel Number	Frequency(MHZ)	Channel Number	Frequency(MHZ)
2400~2483.5MHZ	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 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, $U_c = \pm 3.1$ dB
- Uncertainty of Radiated Emission below 1GHz, $U_c = \pm 4.0$ dB
- Uncertainty of Radiated Emission above 1GHz, $U_c = \pm 4.8$ dB



4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Low channel GFSK
2	Middle channel GFSK
3	High channel GFSK
Note: 1. All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if no other cases. 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode. 3. The new battery was used in the test.	



5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM



5.2 EQUIPMENT USED IN TESTED SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Radio Control Car	DH-8158-3	2AWUGDH-8158-3	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.



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	May 15, 2020	May 14, 2022
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 12, 2019	Dec. 11, 2020
2.4GHz Fliter	EM Electronics	2400-2500MHz	N/A	Mar. 23, 2020	Mar. 22, 2022
Attenuator	ZHINAN	E-002	N/A	Sep. 09, 2019	Sep. 08, 2020
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 09, 2019	Sep. 08, 2021
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	May 22, 2020	May 21, 2022
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00154520	Oct. 26, 2019	Oct. 25, 2021
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Oct. 15, 2019	Oct. 16, 2020
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 09, 2019	Jan. 08, 2021
Test software	Tonscend	JS32-RE (Ver.2.5)	N/A	N/A	N/A



7. RADIATED EMISSION

7.1 TEST 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 (MHz)	Distance Meters	Field Strengths Limit	
		μ V/m	dB(μ V)/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(μ V)/m (Peak) 54.0 dB(μ V)/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.



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.

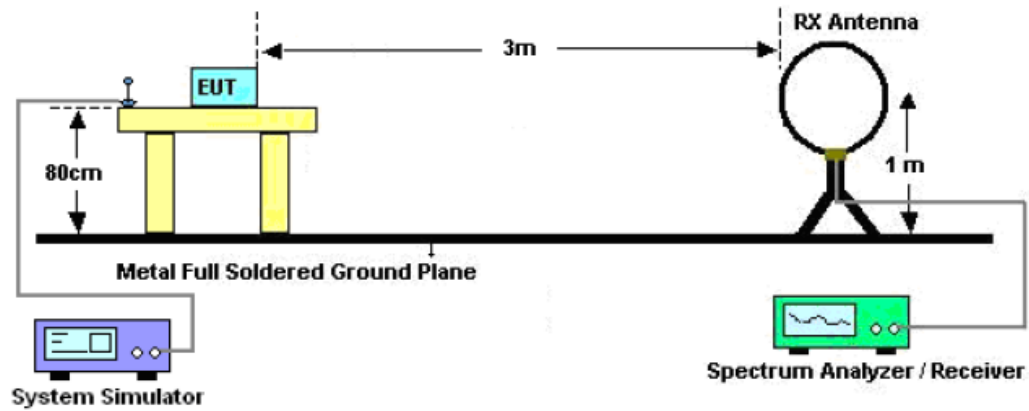
Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
Start ~Stop Frequency	1GHz~26.5GHz RBW 2.4MHz/ VBW 8MHz for Peak, RBW 2.4MHz/10Hz for Average

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

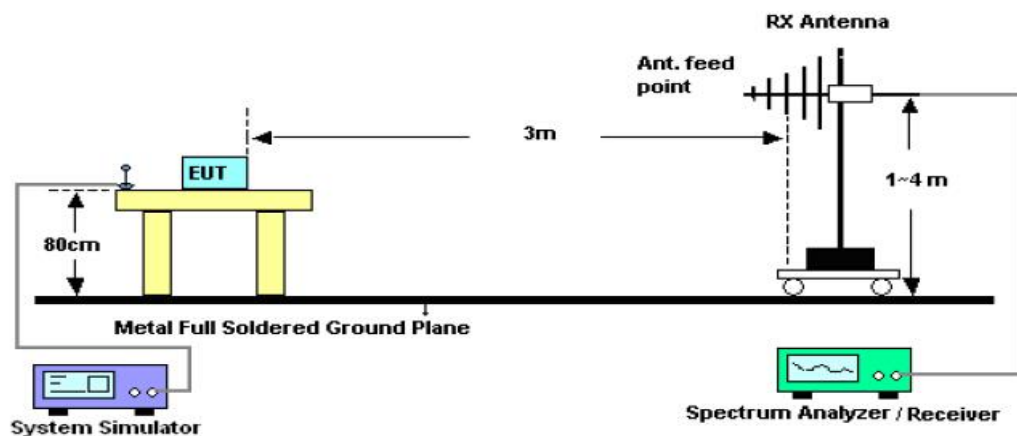


7.3. TEST SETUP

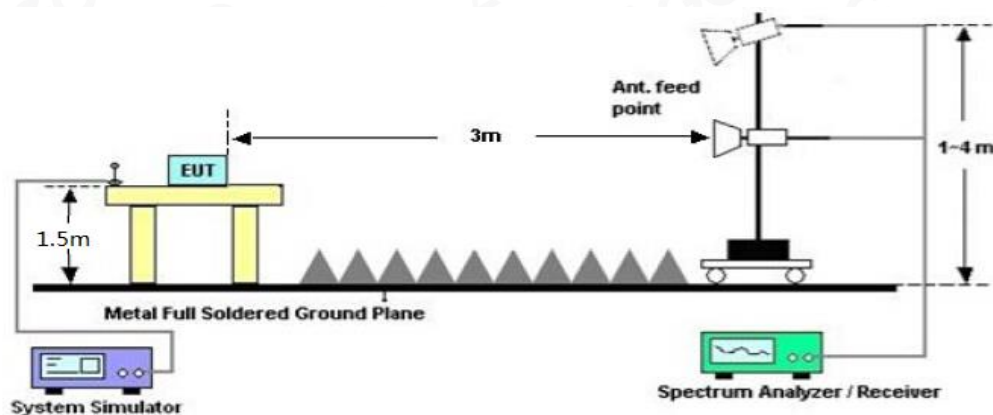
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



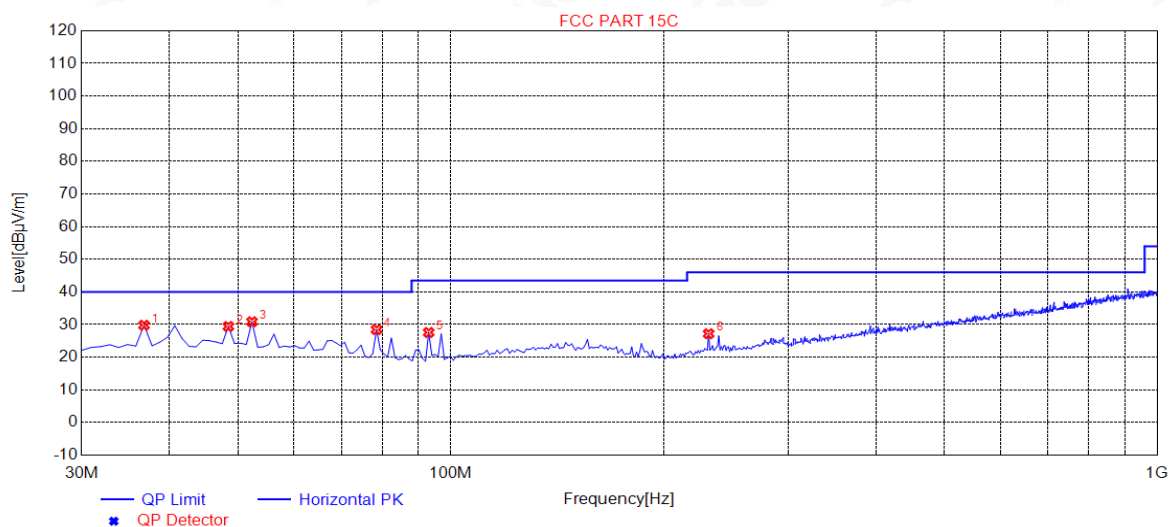
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

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

RADIATED EMISSION 30MHZ- 1GHZ

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 1	Polarization	Horizontal

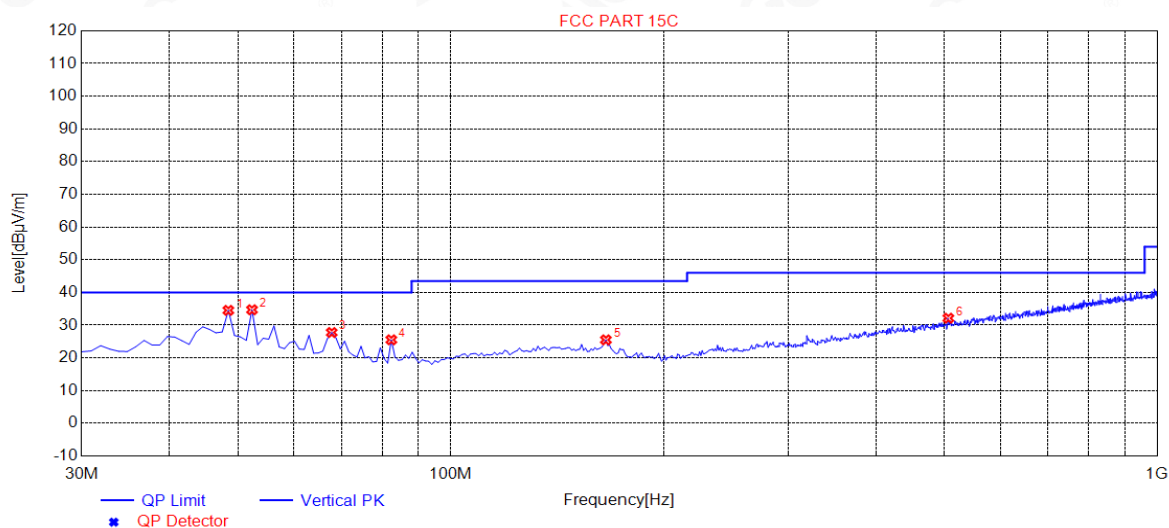


NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7900	29.82	17.16	40.00	10.18	100	4	Horizontal
2	48.4300	29.43	17.71	40.00	10.57	200	74	Horizontal
3	52.3100	30.87	17.49	40.00	9.13	200	357	Horizontal
4	78.5000	28.47	13.46	40.00	11.53	200	160	Horizontal
5	93.0500	27.60	13.61	43.50	15.90	200	224	Horizontal
6	231.7600	27.21	17.17	46.00	18.79	100	226	Horizontal

RESULT: PASS



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 1	Polarization	Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	48.4300	34.54	17.71	40.00	5.46	100	359	Vertical
2	52.3100	34.72	17.49	40.00	5.28	100	347	Vertical
3	67.8300	27.77	15.59	40.00	12.23	100	3	Vertical
4	82.3800	25.53	13.17	40.00	14.47	100	359	Vertical
5	165.8000	25.52	17.36	43.50	17.98	100	220	Vertical
6	506.2700	32.14	25.32	46.00	13.86	100	288	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.



FIELD STRENGTH OF FUNDAMENTAL

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	GFSK	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2410.022	49.30	49.05	98.35	114.00	-15.65	peak
2410.022	38.36	49.05	87.41	94.00	-6.59	AVG
2442.022	49.02	49.12	98.14	114.00	-15.86	peak
2442.022	38.11	49.12	87.23	94.00	-6.77	AVG
2473.022	49.43	49.25	98.68	114.00	-15.32	peak
2473.022	37.77	49.25	87.02	94.00	-6.98	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	GFSK	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2410.022	47.32	49.05	96.37	114.00	-17.63	peak
2410.022	35.68	49.05	84.73	94.00	-9.27	AVG
2442.022	47.30	49.12	96.42	114.00	-17.58	peak
2442.022	35.00	49.12	84.12	94.00	-9.88	AVG
2473.022	47.43	49.25	96.68	114.00	-17.32	peak
2473.022	35.46	49.25	84.71	94.00	-9.29	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



RADIATED EMISSION ABOVE 1GHZ

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 1	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4820.044	55.34	0.08	55.42	74.00	-18.58	peak
4820.044	46.27	0.08	46.35	54.00	-7.65	AVG
7230.066	50.49	2.21	52.70	74.00	-21.30	peak
7230.066	41.38	2.21	43.59	54.00	-10.41	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 1	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4820.044	56.98	0.08	57.06	74.00	-16.94	peak
4820.044	47.35	0.08	47.43	54.00	-6.57	AVG
7230.066	51.34	2.21	53.55	74.00	-20.45	peak
7230.066	42.67	2.21	44.88	54.00	-9.12	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 2	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4884.044	56.92	0.14	57.06	74.00	-16.94	peak
4884.044	46.27	0.14	46.41	54.00	-7.59	AVG
7326.066	52.16	2.36	54.52	74.00	-19.48	peak
7326.066	42.37	2.36	44.73	54.00	-9.27	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 2	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4884.044	57.01	0.14	57.15	74.00	-16.85	peak
4884.044	46.37	0.14	46.51	54.00	-7.49	AVG
7326.066	52.33	2.36	54.69	74.00	-19.31	peak
7326.066	43.25	2.36	45.61	54.00	-8.39	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 3	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4946.044	57.69	0.22	57.91	74.00	-16.09	peak
4946.044	47.21	0.22	47.43	54.00	-6.57	AVG
7419.066	53.34	2.64	55.98	74.00	-18.02	peak
7419.066	42.18	2.64	44.82	54.00	-9.18	AVG

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Modulation	Mode 3	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4946.044	58.61	0.22	58.83	74.00	-15.17	peak
4946.044	47.32	0.22	47.54	54.00	-6.46	AVG
7419.066	53.14	2.64	55.78	74.00	-18.22	peak
7419.066	44.27	2.64	46.91	54.00	-7.09	AVG

Remark:

Factor = Antenna Factor + Cable 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.



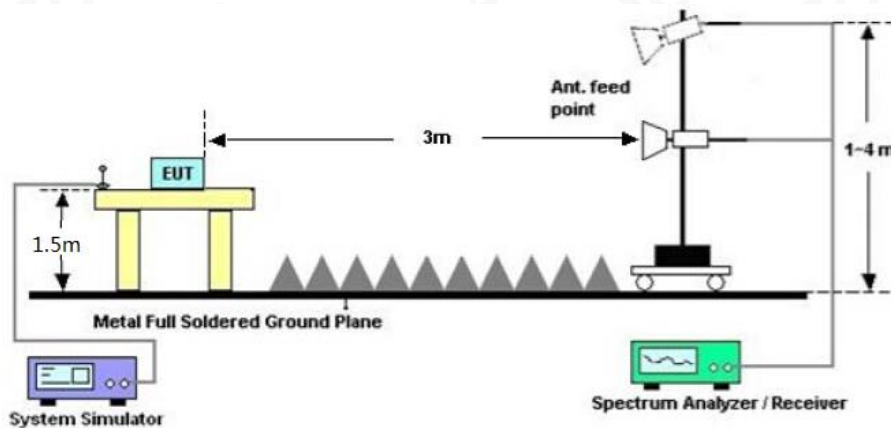
8. BAND EDGE EMISSION

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

RADIATED EMISSION TEST SETUP



8.3 RADIATED TEST RESULT

Note:

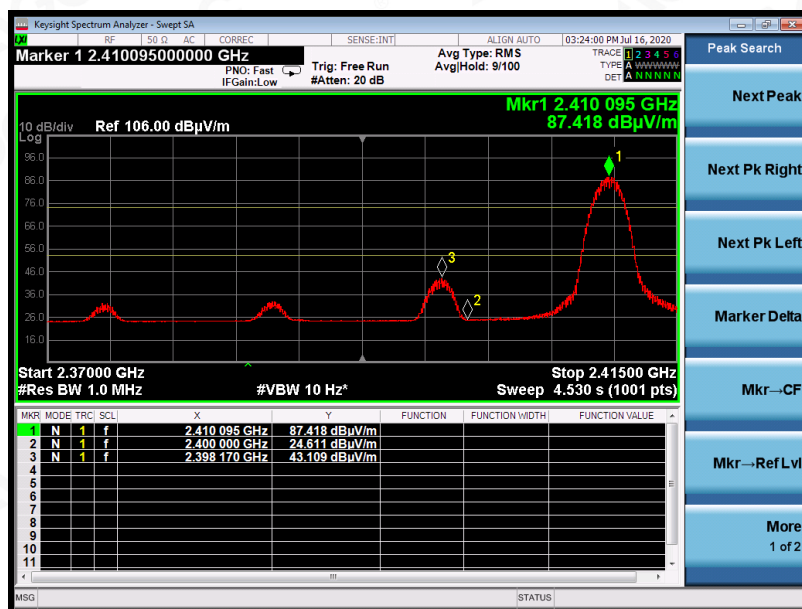
1. Factor=Antenna Factor + Cable loss - Amplifier gain. Field Strength=Factor + Reading level
2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude.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

EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 1	Polarization	Horizontal

Peak Value

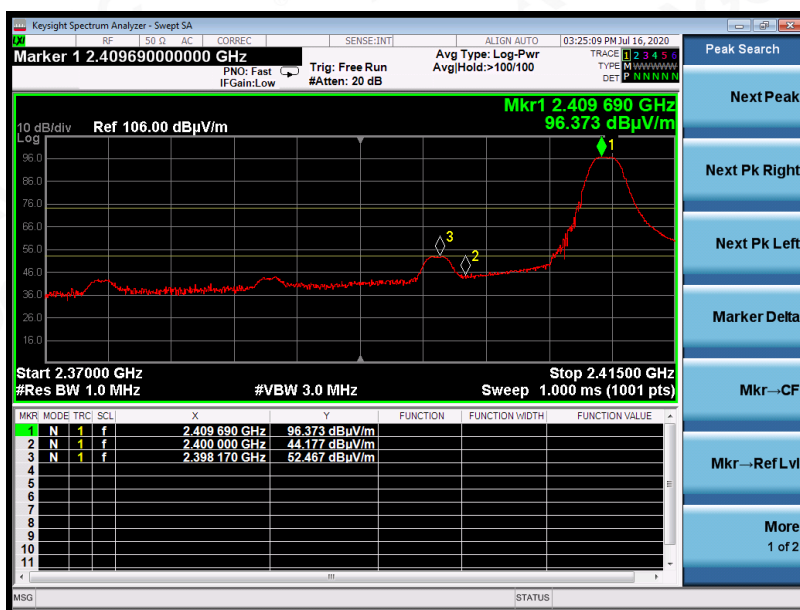


Average Value



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 1	Polarization	Vertical

Peak Value



Average Value



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 3	Polarization	Horizontal

Peak Value



Average Value



EUT	Radio Control Car	Model Name	DH-8158-3
Temperature	20 °C	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 3V
Test Mode	Mode 3	Polarization	Vertical

Peak Value



Average Value

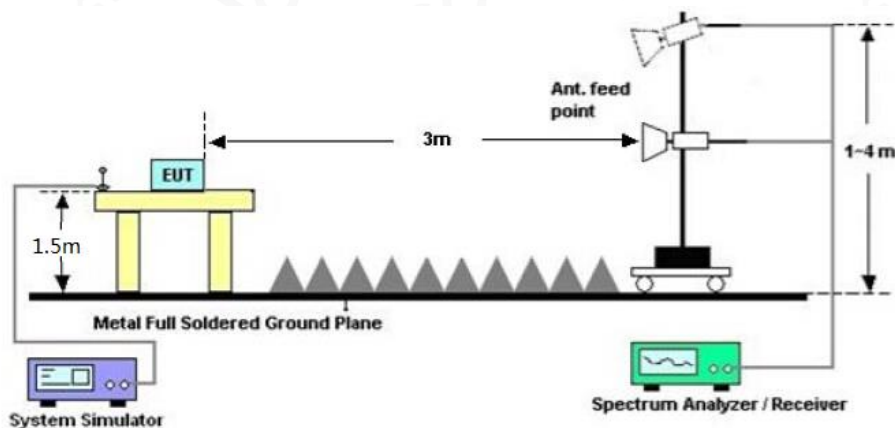


9. 20DB BANDWIDTH

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 $\geq 3 \times$ 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 Data (MHz)		Criteria
Low Channel	1.161	PASS
Middle Channel	1.152	PASS
High Channel	1.508	PASS

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL

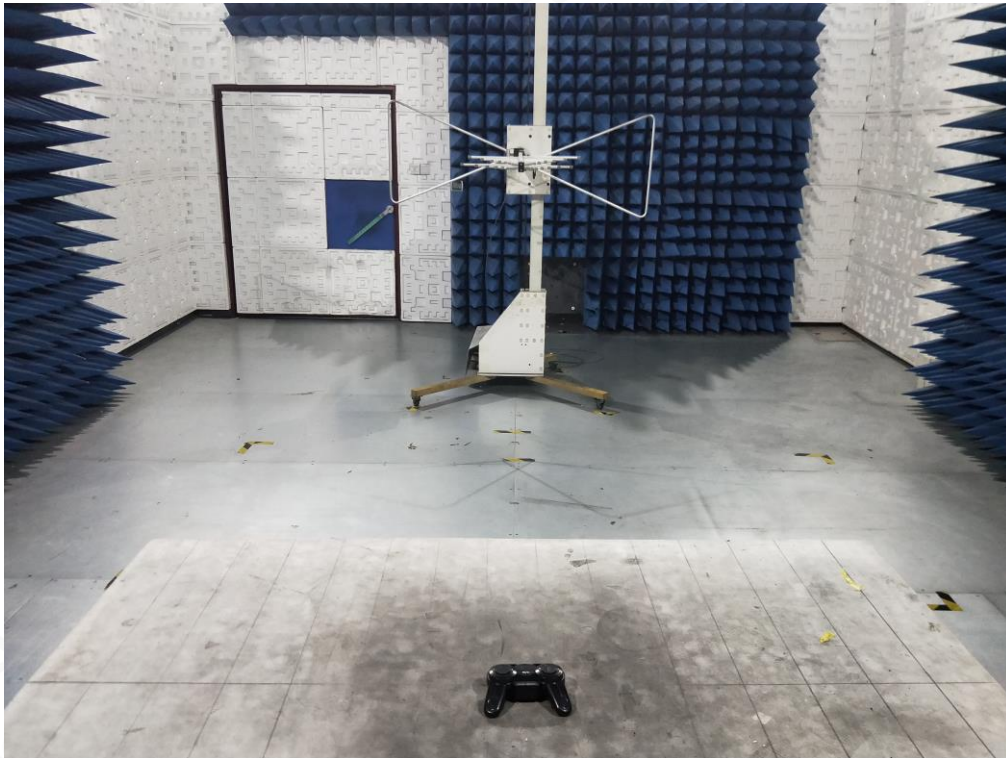


TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



APPENDIX B: PHOTOGRAPHS OF THE EUT

ALL VIEW OF EUT



TOP VIEW OF EUT



BOTTOM VIEW OF EUT



FRONT VIEW OF EUT



BACK VIEW OF EUT



LEFT VIEW OF EUT

