FCC Test Report

Report No.: AGC08279200701FE03

FCC ID	:	2AWUN707559BRS
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Brookstone Aviator (Tri-Legged) RC Drone
BRAND NAME	:	N/A
MODEL NAME	:	707559BRS
APPLICANT	:	Innovative Designs, LLC
DATE OF ISSUE	:	Jul. 31, 2020
STANDARD(S) **TEST PROCEDURE(S)**	:	FCC Part 15 Rules
REPORT VERSION	:	V1.0

Attestation of ***G***lobal ***C***ompliance (Shenzhen) Co., Ltd

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul. 31, 2020	Valid	Initial Release

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1. VERIFICATION OF CONFORMITY

Applicant	Innovative Designs, LLC
Address	132 West 36th Street, Suite 800, New York, NY 10018, Unite States
Manufacturer	ZHI LE XING TOYS FACTORY
Address	Chenghai district, Shantou city, Guangdong province
Factory	ZHI LE XING TOYS FACTORY
Address	Chenghai district, Shantou city, Guangdong province
Product Designation	Brookstone Aviator (Tri-Legged) RC Drone
Brand Name	N/A
Test Model	707559BRS
Date of test	Jul. 20, 2020 to Jul. 31, 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. 31, 2020
Reviewed By	Max Zhang (Reviewer)	Jul. 31, 2020
Approved By	Forrest Lei (Authorized Officer)	Jul. 31, 2020

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2.430GHz - 2.478GHz
Maximum field strength	98.16dBuV/m(peak)@3m 88.51dBuV/m(Average)@3m
Modulation	GFSK
Number of channels	48
Antenna Gain	0dBi
Antenna Designation	Internal Antenna (Met 15.203 Antenna requirement)
Hardware Version	ZLX-H235TX-1
Software Version	V5.1
Power Supply	DC 4.5V by battery

2.2. TABLE OF CARRIER FREQUENCY

Frequency Band	Channel Number	Frequency(MHZ)	Channel Number	Frequency(MHZ)	Channel Number	Frequency(MHZ)
2400~2483.5MHZ	1	2430	17	2446	33	2462
	2	2431	18	2447	34	2463
	3	2432	19	2448	35	2464
	4	2433	20	2449	36	2465
	5	2434	21	2450	37	2466
	6	2435	22	2451	38	2467
	7	2436	23	2452	39	2468
	8	2437	24	2453	40	2469
	9	2438	25	2454	41	2470
	10	2439	26	2455	42	2471
	11	2440	27	2456	43	2472
	12	2441	28	2457	44	2473
	13	2442	29	2458	45	2474
	14	2443	30	2459	46	2475
	15	2444	31	2460	47	2476
	16	2445	32	2461	48	2478

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 = ±3.1 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±4.0 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB

4. DESCRIPTION OF TEST MODES

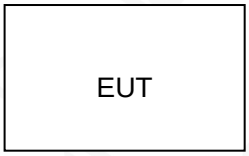
NO.	TEST MODE DESCRIPTION
1	2430MHZ channel GFSK
2	2454MHZ channel GFSK
3	2478MHZ channel GFSK

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 EUT use new battery during 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	Brookstone Aviator (Tri-Legged) RC Drone	707559BRS	2AWUN707559BRS	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

7.1TEST 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 (MHz)	Distance Meters	Field Strengths Limit	
		μ 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 dBμ 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.

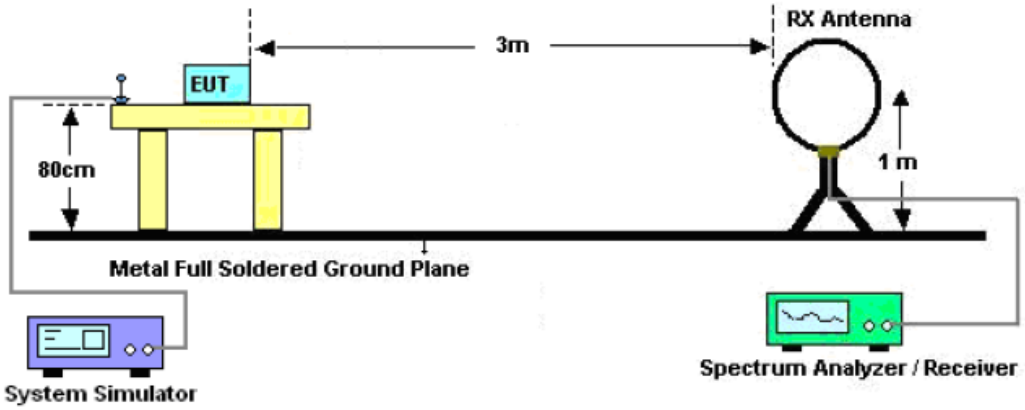
The following table is the setting of spectrum analyzer and receiver.

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

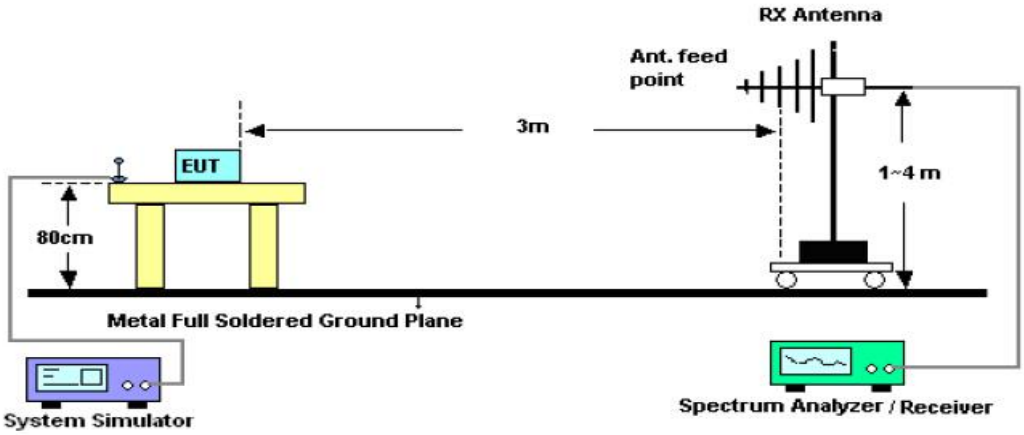
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

7.3. TEST SETUP

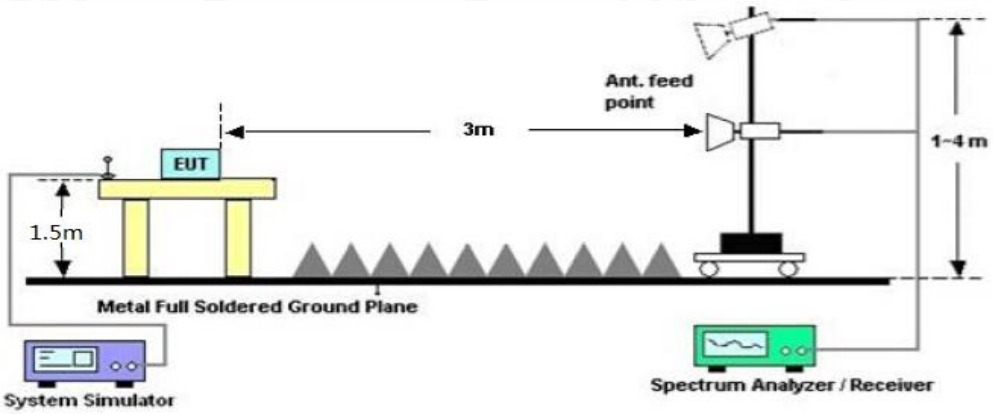
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



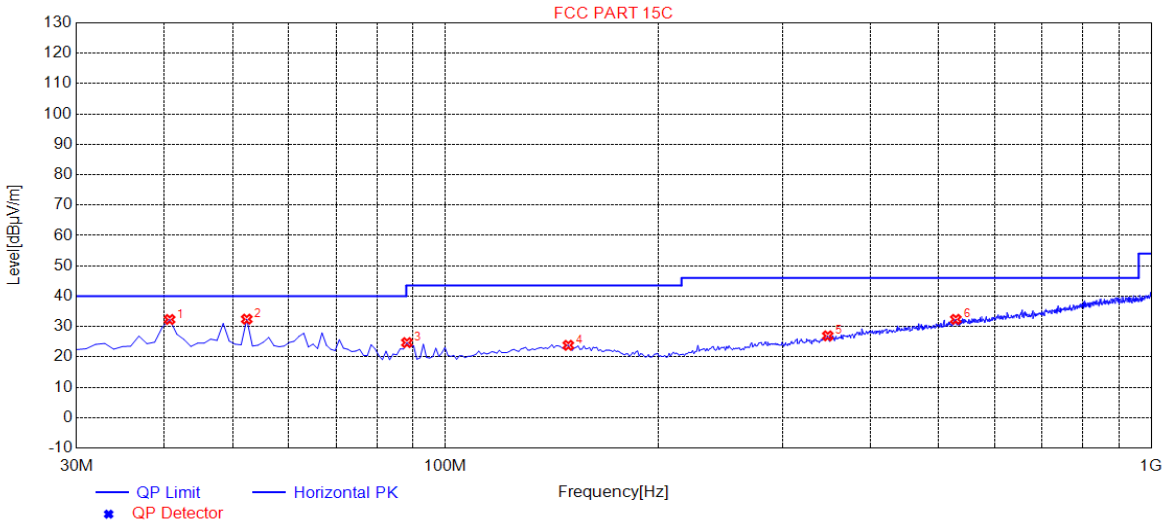
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

The result of the lowest internal use/generated frequency to 30MHz is 20dB less than the limit.

RADIATED EMISSION 30MHz- 1GHZ

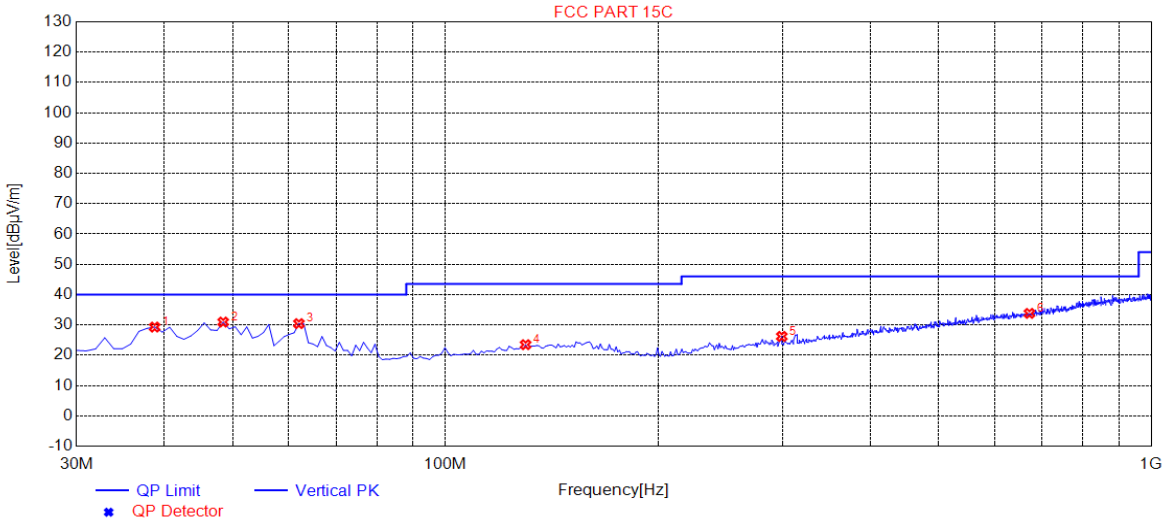
EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 1	Polarization	Horizontal



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.6700	32.32	17.91	40.00	7.68	100	49	Horizontal
2	52.3100	32.43	17.49	40.00	7.57	200	268	Horizontal
3	88.2000	24.71	13.24	43.50	18.79	200	98	Horizontal
4	149.3100	23.83	17.88	43.50	19.67	200	103	Horizontal
5	348.1600	26.94	20.78	46.00	19.06	100	208	Horizontal
6	528.5800	32.37	25.82	46.00	13.63	200	4	Horizontal

RESULT: PASS

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 1	Polarization	Vertical



NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.7300	29.29	17.63	40.00	10.71	100	197	Vertical
2	48.4300	30.95	17.71	40.00	9.05	100	146	Vertical
3	62.0100	30.44	16.58	40.00	9.56	100	294	Vertical
4	129.9100	23.49	17.14	43.50	20.01	100	189	Vertical
5	299.6600	26.21	18.91	46.00	19.79	100	308	Vertical
6	672.1400	33.81	28.51	46.00	12.19	100	359	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	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	GFSK	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2430.022	49.11	49.05	98.16	114.00	-15.84	peak
2430.022	39.19	49.05	88.24	94.00	-5.76	AVG
2454.022	49.02	49.12	98.14	114.00	-15.86	peak
2454.022	39.22	49.12	88.34	94.00	-5.66	AVG
2478.022	48.64	49.25	97.89	114.00	-16.11	peak
2478.022	39.26	49.25	88.51	94.00	-5.49	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	GFSK	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2430.022	46.91	49.05	95.96	114.00	-18.04	peak
2430.022	36.09	49.05	85.14	94.00	-8.86	AVG
2454.022	46.79	49.12	95.91	114.00	-18.09	peak
2454.022	36.10	49.12	85.22	94.00	-8.78	AVG
2478.022	46.62	49.25	95.87	114.00	-18.13	peak
2478.022	36.02	49.25	85.27	94.00	-8.73	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 1	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4860.044	52.16	0.08	52.24	74.00	-21.76	peak
4860.044	44.37	0.08	44.45	54.00	-9.55	AVG
7290.066	48.29	2.21	50.50	74.00	-23.50	peak
7290.066	40.34	2.21	42.55	54.00	-11.45	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 1	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4860.044	58.14	0.08	58.22	74.00	-15.78	peak
4860.044	47.56	0.08	47.64	54.00	-6.36	AVG
7290.066	53.57	2.21	55.78	74.00	-18.22	peak
7290.066	42..82	2.21	#VALUE!	54.00	#VALUE!	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 2	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4908.044	57.25	0.14	57.39	74.00	-16.61	peak
4908.044	47.84	0.14	47.98	54.00	-6.02	AVG
7362.066	53.71	2.36	56.07	74.00	-17.93	peak
7362.066	42.19	2.36	44.55	54.00	-9.45	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 2	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4908.044	56.91	0.14	57.05	74.00	-16.95	peak
4908.044	46.58	0.14	46.72	54.00	-7.28	AVG
7362.066	51.34	2.36	53.70	74.00	-20.30	peak
7362.066	40.21	2.36	42.57	54.00	-11.43	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 3	Polarization	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4956.044	57.34	0.22	57.56	74.00	-16.44	peak
4956.044	47.98	0.22	48.20	54.00	-5.80	AVG
7434.066	53.11	2.64	55.75	74.00	-18.25	peak
7434.066	44.26	2.64	46.90	54.00	-7.10	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Modulation	Mode 3	Polarization	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4956.044	57.26	0.22	57.48	74.00	-16.52	peak
4956.044	46.14	0.22	46.36	54.00	-7.64	AVG
7434.066	53.18	2.64	55.82	74.00	-18.18	peak
7434.066	44.97	2.64	47.61	54.00	-6.39	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Note: Other emissions from 1G~25GHz are 20dB below the limits. 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.

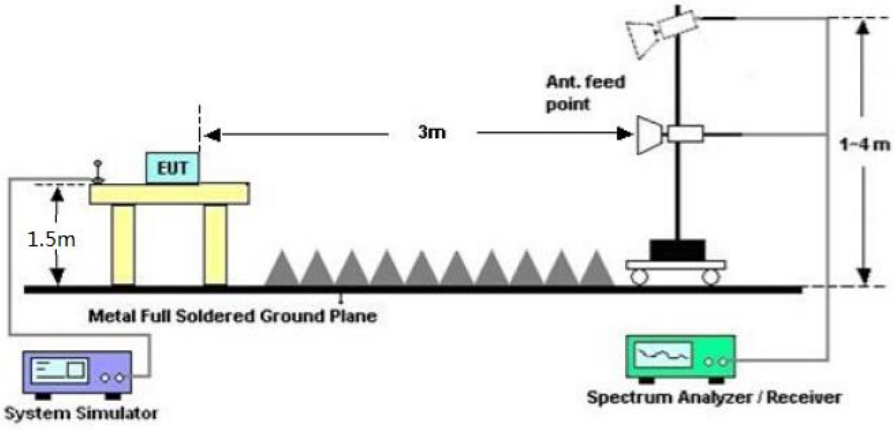
2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission: (a) PEAK: RBW=1MHz, VBW=3MHz / Sweep=AUTO

(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

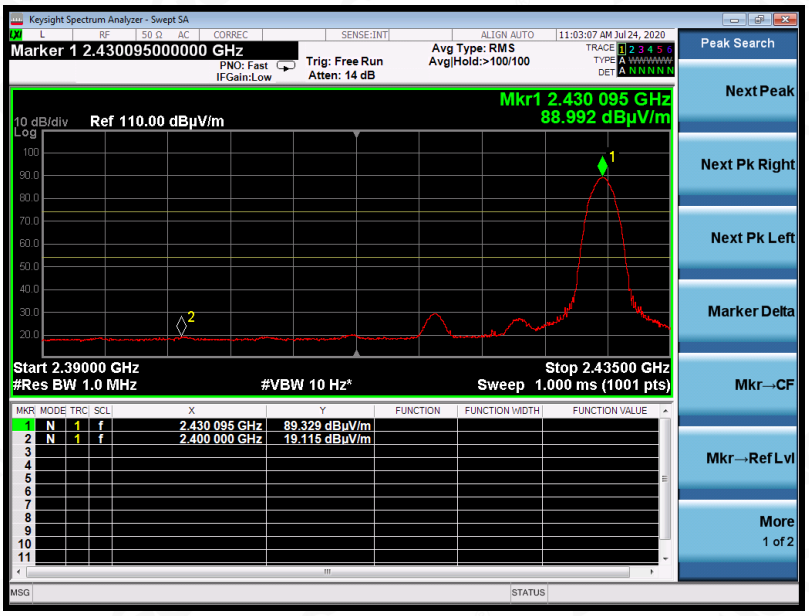
Note:

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(μV) to represent the Amplitude. Use the F dB(μV/m) to represent the Field Strength. So A=F.

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 1	Polarization	Horizontal

Peak Value

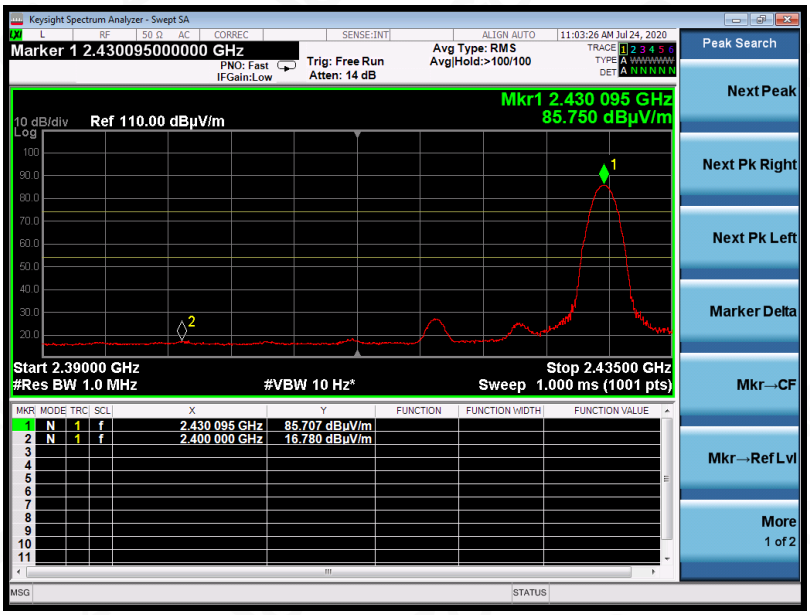
Average Value



EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 1	Polarization	Vertical

Peak Value

Average Value



EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 3	Polarization	Horizontal

Peak Value

Average Value

EUT	Brookstone Aviator (Tri-Legged) RC Drone	Model Name	707559BRS
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Voltage	DC 4.5V
Test Mode	Mode 3	Polarization	Vertical

Peak Value

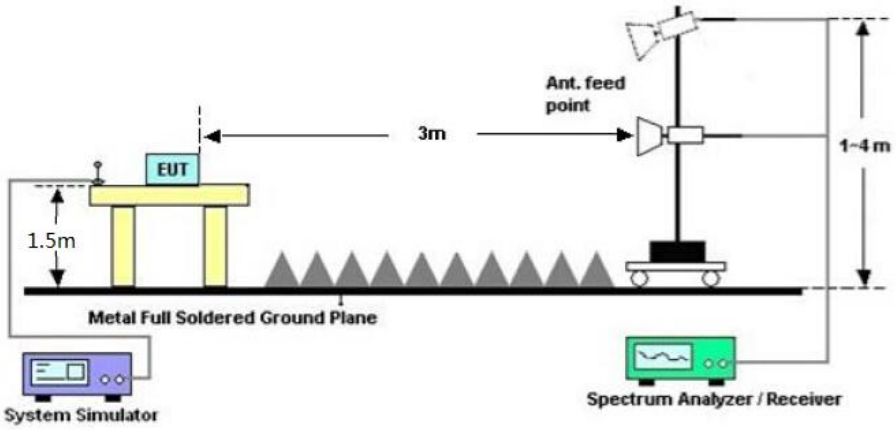
Average Value

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

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

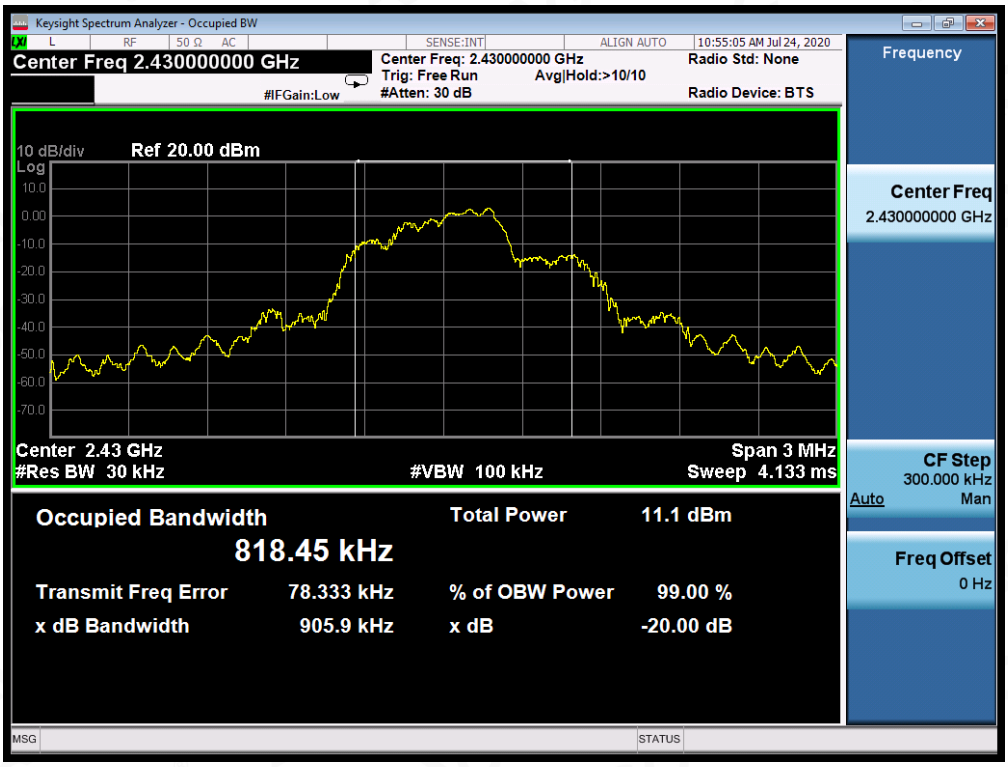


9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH
TEST MODULATION	GFSK

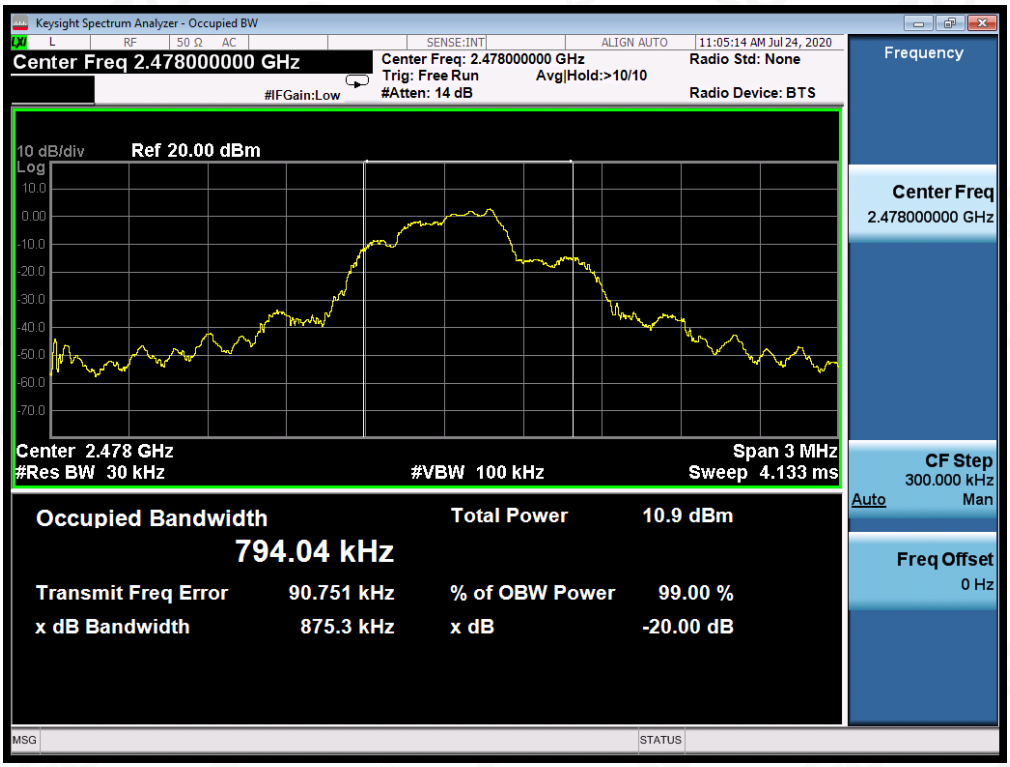
Test Data (MHz)		Criteria
Low Channel	0.906	PASS
Middle Channel	0.896	PASS
High Channel	0.875	PASS

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



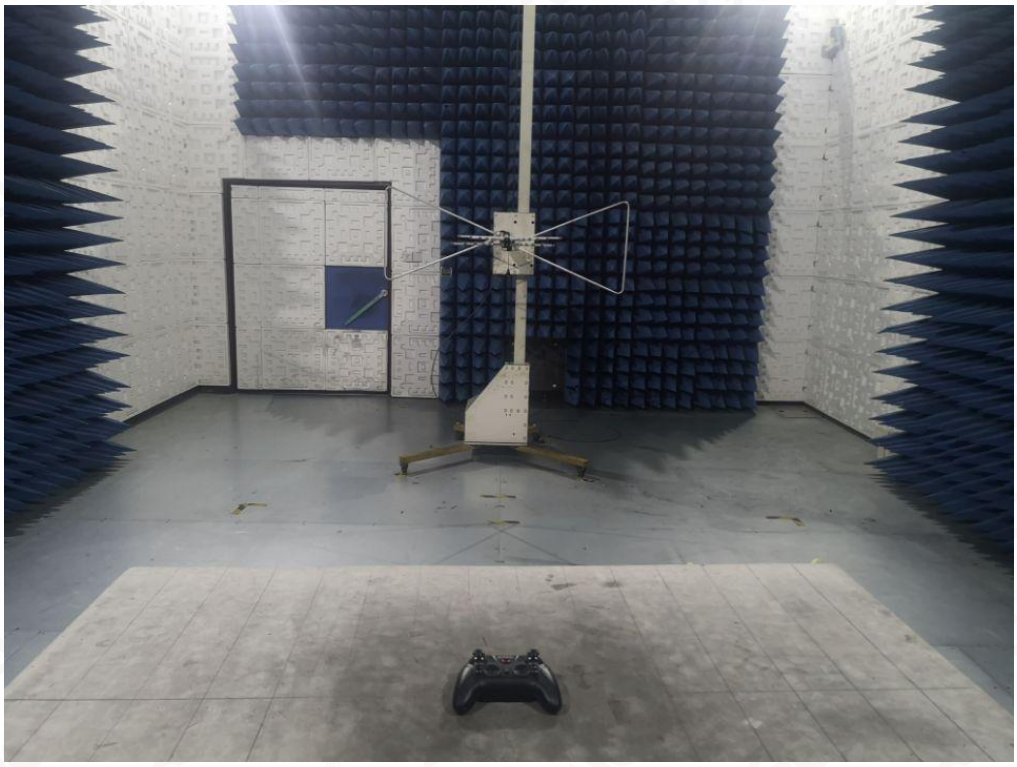
TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL

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

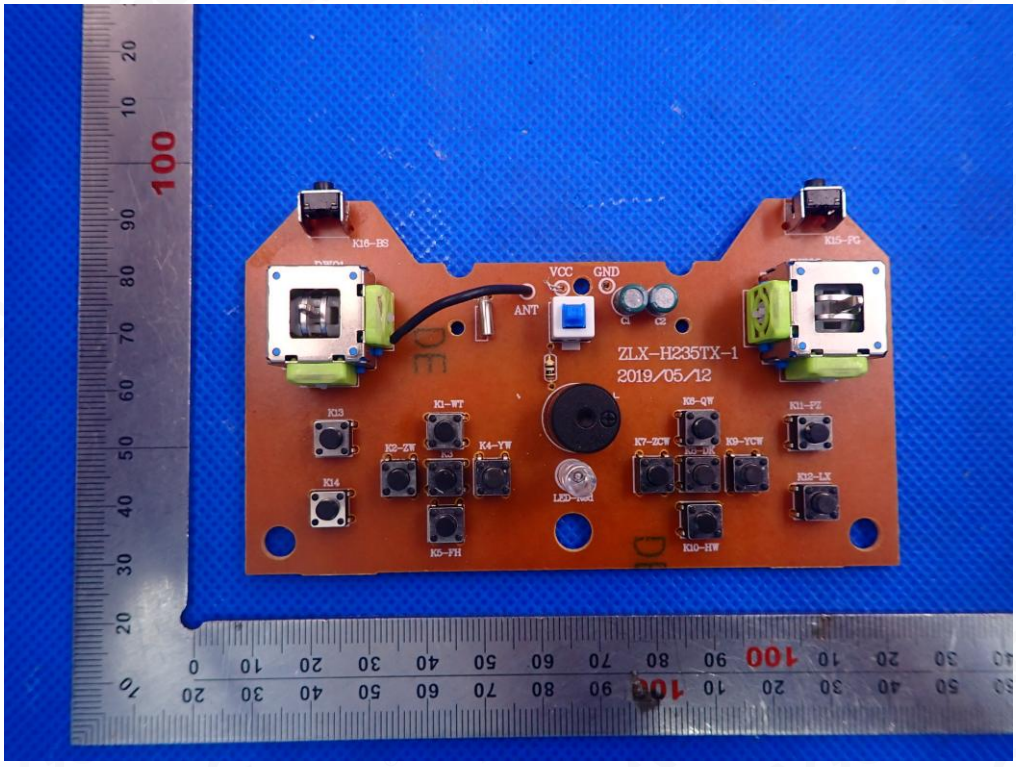
LEFT VIEW OF EUT

RIGHT VIEW OF EUT

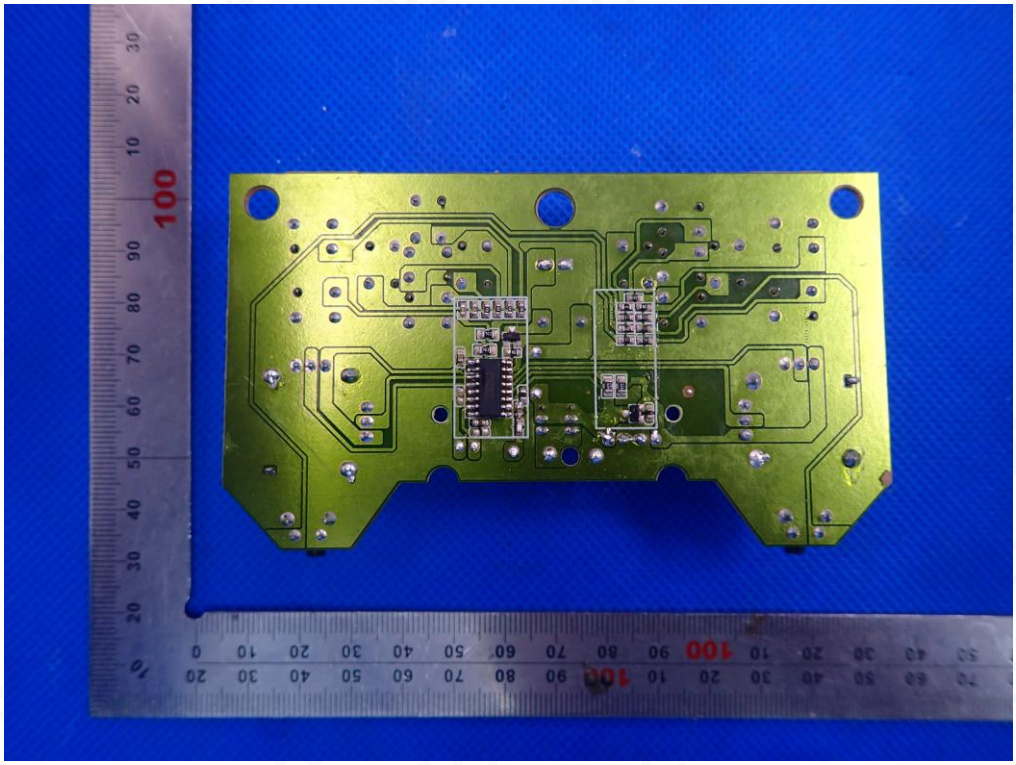
OPEN VIEW OF EUT-1

OPEN VIEW OF EUT-2

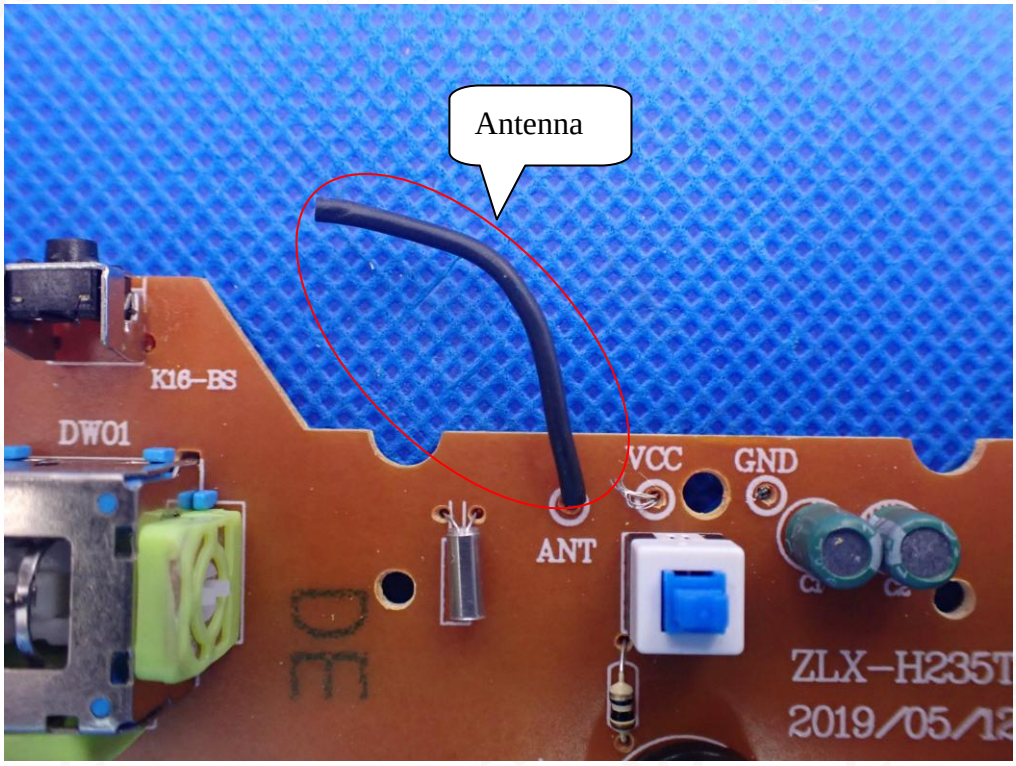
INTERNAL VIEW OF EUT-1



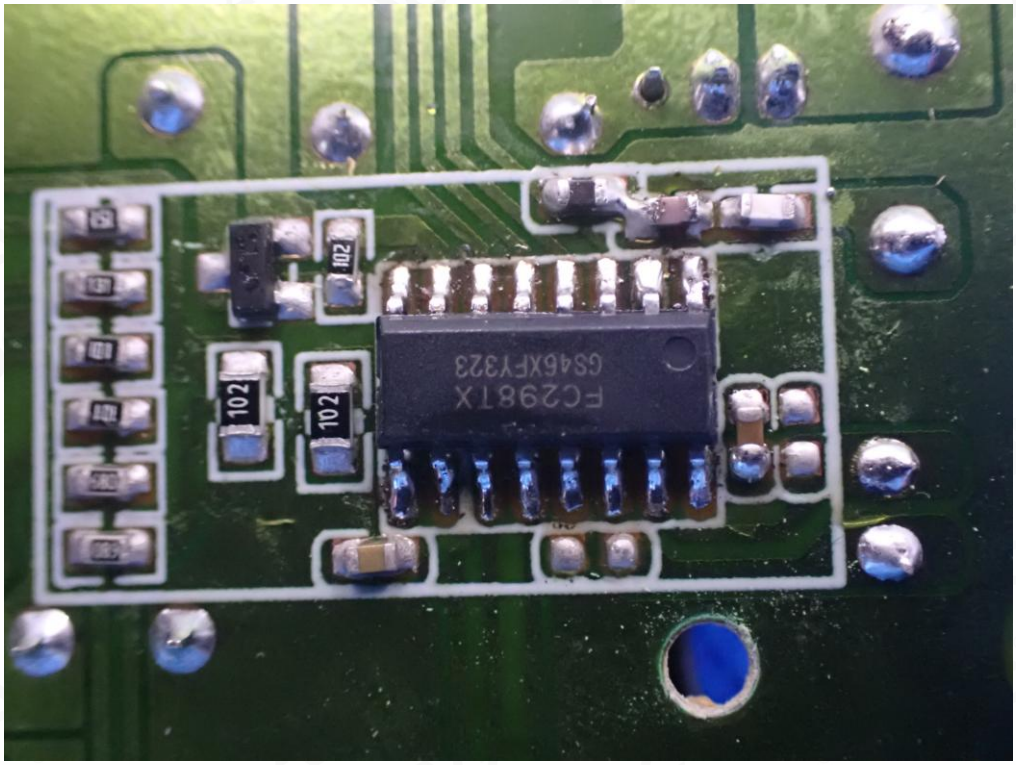
INTERNAL VIEW OF EUT-2



INTERNAL VIEW OF EUT-3



INTERNAL VIEW OF EUT-4



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