FCC Test Report

Report No.: AGC04821150701FE03

FCC ID	:	2AFI6CF-908
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Remote Control for aircraft
BRAND NAME	:	N/A
MODEL NAME	:	CF-908（Series model name please see page 4）
CLIENT	:	SHANTOU CHENGHAI CHENGFEI TOYS FACTORY
DATE OF ISSUE	:	Jul.29, 2015
STANDARD(S) **TEST PROCEDURE(S)**	:	FCC Part 15 Rules
REPORT VERSION	:	V1.0

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

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul.29, 2015	Valid	Original Report

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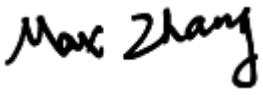
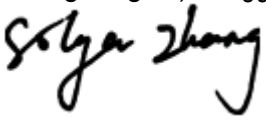
1. VERIFICATION OF CONFORMITY

Applicant	SHANTOU CHENGHAI CHENGFEI TOYS FACTORY
Address	No.27, SHUJI ROAD, LONGTIAN GUANGHUA INDUSTRIAL ZONE, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA
Manufacturer	SHANTOU CHENGHAI CHENGFEI TOYS FACTORY
Address	No.27, SHUJI ROAD, LONGTIAN GUANGHUA INDUSTRIAL ZONE, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA
Product Designation	Remote Control for aircraft
Brand Name	N/A
Test Model	CF-908
Series Model	CF-885, CF-888, CF-906, CF-907, CF-909, CF-910, CF-911, CF-912, CF-913
Difference description	All the same except for the model name and appearance Color.
Date of test	Jul.16, 2015 to Jul.17, 2015
Deviation	None
Condition of Test Sample	Normal
Report Template	AGCRT-US-BR/RF

We hereby certify that:
The above equipment was tested by Dongguan Precise Testing Service 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 C63.4 (2009) 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.

Tested by 
Max Zhang(Zhang Yi) Jul.29, 2015

Reviewed by 
Rock Hang(Huang Dinglue) Jul.29, 2015

Approved by 
Solger Zhang(Zhang Hongyi) Jul.29, 2015
Authorized Officer

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2.410 GHz to 2.474GHz
Maximum field strength	86.95dBuV/m@3m(PK)
Modulation	GFSK
Number of channels	65
Antenna Gain	1.5dBi
Antenna Designation	Integrated Antenna (Met 15.203 Antenna requirement)
Hardware Version	N/A
Software Version	N/A
Power Supply	DC6V by battery

2.2. TABLE OF CARRIER FREQUENCY

Channel	Frequency (GHz)	Channel	Frequency (GHz)
01	2.410	34	2.443
02	2.411	35	2.444
03	2.412	36	2.445
04	2.413	37	2.446
05	2.414	38	2.447
06	2.415	39	2.448
07	2.416	40	2.449
08	2.417	41	2.450
09	2.418	42	2.451
10	2.419	43	2.452
11	2.420	44	2.453
12	2.421	45	2.454
13	2.422	46	2.455
14	2.423	47	2.456
15	2.424	48	2.457
16	2.425	49	2.458
17	2.426	50	2.459
18	2.427	51	2.460
19	2.428	52	2.461
20	2.429	53	2.462
21	2.430	54	2.463
22	2.431	55	2.464
23	2.432	56	2.465
24	2.433	57	2.466
25	2.434	58	2.467
26	2.435	59	2.468
27	2.436	60	2.469
28	2.437	61	2.470
29	2.438	62	2.471
30	2.439	63	2.472
31	2.440	64	2.473
32	2.441	65	2.474
33	2442		

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 %。

No.	Item	Uncertainty
1	Conducted Emission Test	±3.18dB
2	All emissions,radiated	±3.91dB
3	Temperature	±0.5°C
4	Humidity	±2%

4. DESCRIPTION OF TEST MODES

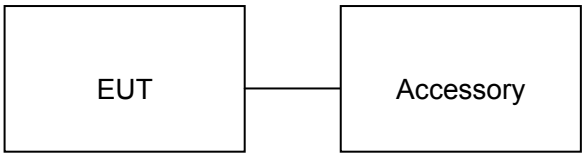
NO.	TEST MODE DESCRIPTION
1	Low channel TX in GFSK modulation
2	Middle channel TX in GFSK modulation
3	High channel TX in GFSK modulation
4	TX OFF

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.

5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Configure :



5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Remote Control for aircraft	N/A	CF-908	EUT

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.249	Radiated Emission	Compliant
§15.249	Band Edges	Compliant
§15.215	20dB bandwidth	Compliant

6. TEST FACILITY

Site	Dongguan Precise Testing Service Co., Ltd.
Location	Building D, Baoding Technology Park,Guangming Road2, Dongcheng District, Dongguan, Guangdong, China.
FCC Registration No.	371540
Description	The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2009.

ALL TEST EQUIPMENT LIST

Radiated Emission Test Site					
Name of Equipment	**Manufacturer**	**Model Number**	**Serial Number**	**Last Calibration**	**Due Calibration**
EMI Test Receiver	Rohde & Schwarz	ESCI	101417	July 4, 2015	July 3, 2016
Trilog Broadband Antenna (25M-1GHz)	SCHWARZBECK	VULB9160	9160-3355	July 4, 2015	July 3, 2016
Signal Amplifier	SCHWARZBECK	BBV 9475	9745-0013	July 4, 2015	July 3, 2016
RF Cable	SCHWARZBECK	AK9515E	96221	July 4, 2015	July 3, 2016
3m Anechoic Chamber	CHENGYU	966	PTS-001	June 6, 2015	June 5, 2016
MULTI-DEVICE Positioning Controller	Max-Full	MF-7802	MF780208339	N/A	N/A
Active loop antenna (9K-30MHz)	Schwarzbeck	FMZB1519	1519-038	June 6, 2015	June 5, 2016
Spectrum analyzer	Agilent	E4407B	MY46185649	June 6, 2015	June 5, 2016
Horn Antenna (1G-18GHz)	SCHWARZBECK	BBHA9120D	9120D-1246	June 6, 2015	June 5, 2016
Horn Ant (18G-40GHz)	Schwarzbeck	BBHA 9170	9170-181	June 6, 2015	June 5, 2016

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 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. Configure the EUT according to ANSI C63.4. The EUT was placed on the top of the turntable 0.8 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 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
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.

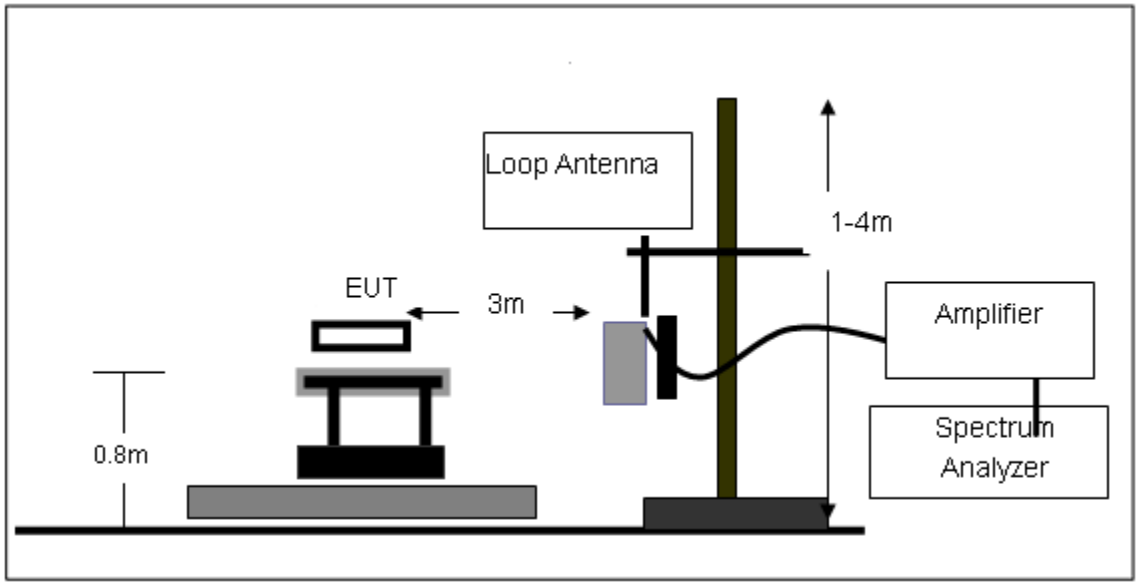
The following table is the setting of spectrum analyzer and receiver.

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 1MHz/1MHz for Peak, 1MHz/10Hz for Average

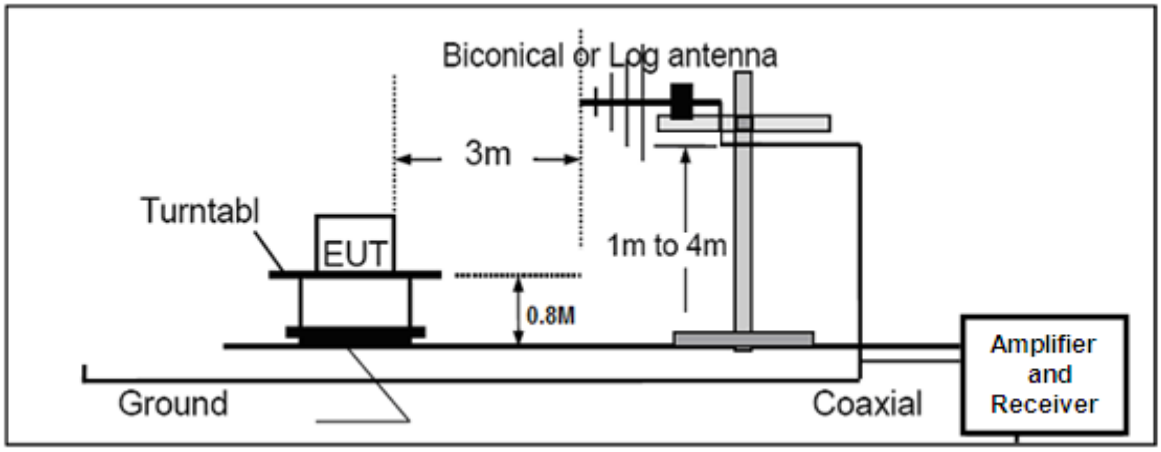
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

7.3. TEST SETUP

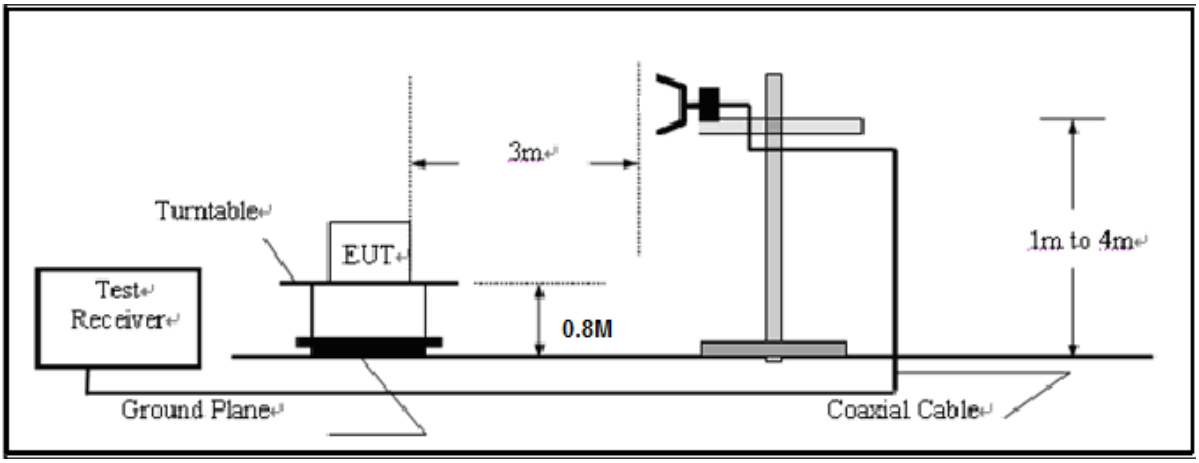
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



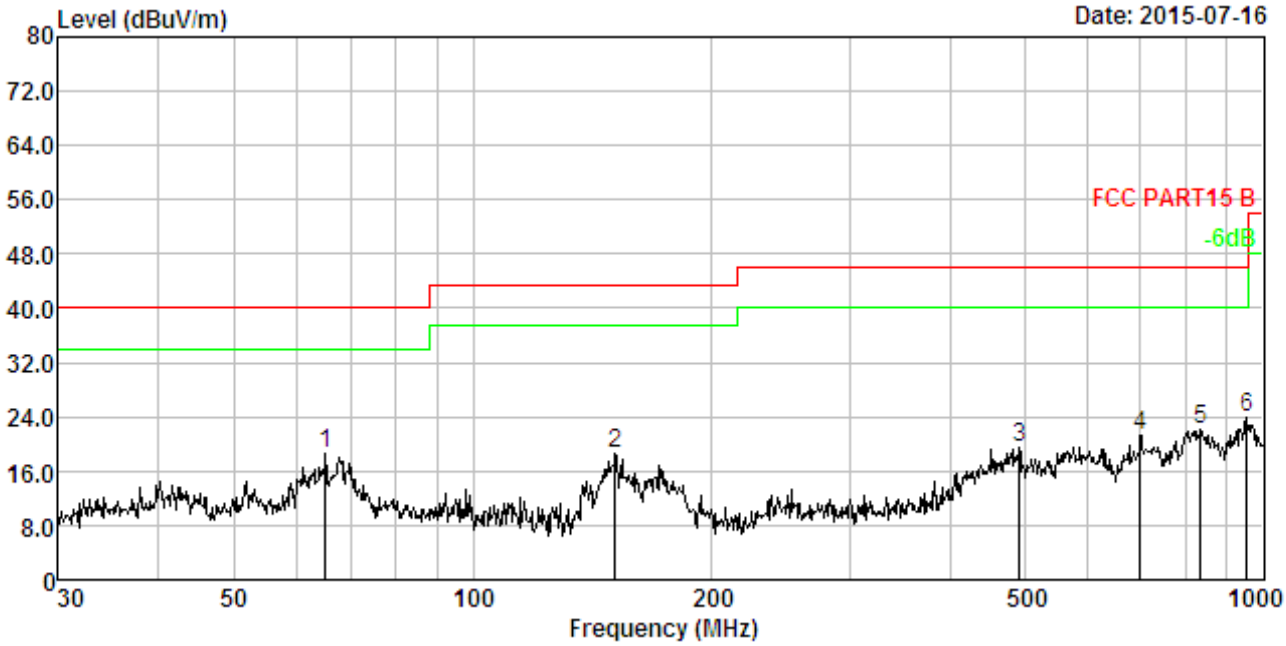
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

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

RADIATED EMISSION 30MHz- 1GHZ

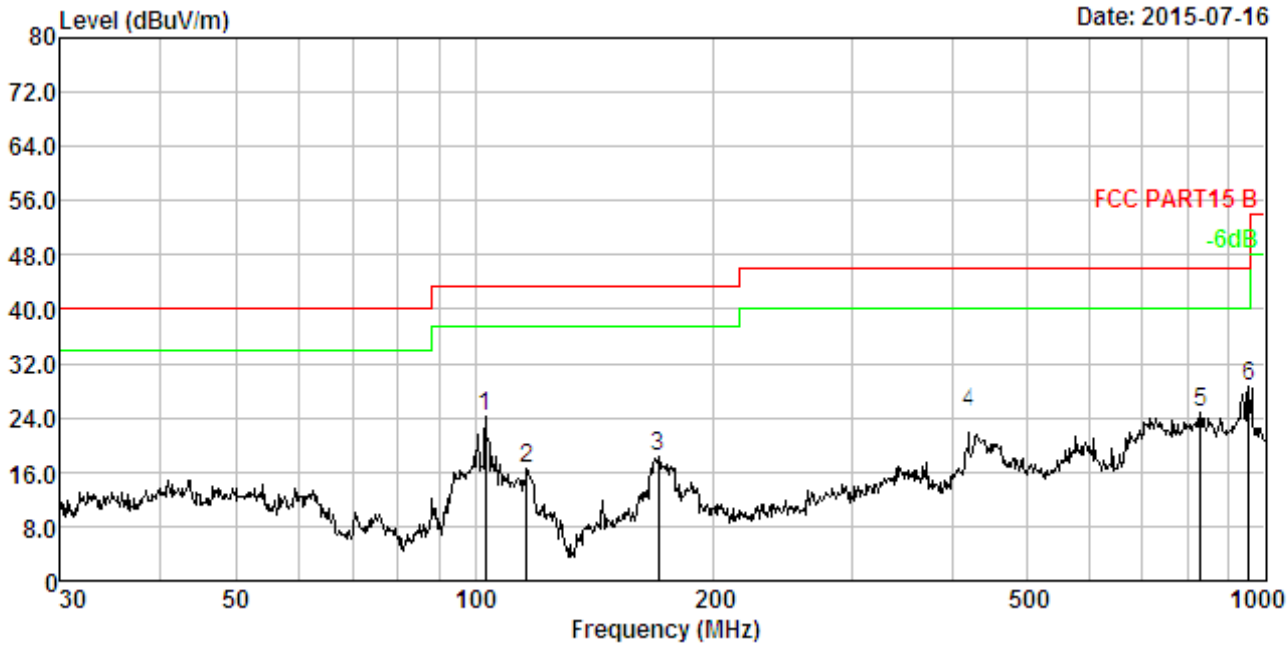
EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization：	Horizontal



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark
1.	65.114	1.76	11.80	35.18	30.24	18.50	40.00	-21.50	Peak
2.	151.067	2.52	13.90	32.62	30.53	18.51	43.50	-24.99	Peak
3.	492.469	3.59	17.00	29.78	30.94	19.43	46.00	-26.57	Peak
4.	699.305	3.91	20.13	28.36	31.07	21.33	46.00	-24.67	Peak
5.	833.317	4.06	21.97	27.10	31.13	22.00	46.00	-24.00	Peak
6.	952.094	4.19	23.43	27.57	31.17	24.02	46.00	-21.98	Peak

RESULT: PASS

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization：	Vertical



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Level dBuV/m	Limit dBuV/m	Over Limit dB	Remark
1.	103.080	2.17	10.50	41.94	30.40	24.21	43.50	-19.29	Peak
2.	116.132	2.28	11.67	33.13	30.44	16.64	43.50	-26.86	Peak
3.	170.195	2.63	13.31	33.05	30.57	18.42	43.50	-25.08	Peak
4.	422.058	3.45	15.75	36.37	30.89	24.68	46.00	-21.32	Peak
5.	827.493	4.06	21.94	29.81	31.12	24.69	46.00	-21.31	Peak
6.	952.094	4.19	23.43	32.29	31.17	28.74	46.00	-17.26	Peak

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.

RADIATED EMISSION ABOVE 1GHZ

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization :	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2410.013	93.56	-9.37	84.19	114	-29.81	peak
2410.013	80.12	-9.37	70.75	94	-23.25	AVG
4820.026	42.36	3.74	46.1	74	-27.9	peak
4820.026	30.19	3.74	33.93	54	-20.07	AVG
7230.039	39.83	8.14	47.97	74	-26.03	peak
7230.039	28.17	8.14	36.31	54	-17.69	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization :	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
2410.013	96.32	-9.37	86.95	114	-27.05	peak
2410.013	82.76	-9.37	73.39	94	-20.61	AVG
4820.026	43.18	3.74	46.92	74	-27.08	peak
4820.026	31.27	3.74	35.01	54	-18.99	AVG
7230.039	40.17	8.14	48.31	74	-25.69	peak
7230.039	29.56	8.14	37.7	54	-16.3	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 2	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2442.016	92.16	-9.63	82.53	114	-31.47	peak
2442.016	80.37	-9.63	70.74	94	-23.26	AVG
4884.032	41.86	3.76	45.62	74	-28.38	peak
4884.032	30.26	3.76	34.02	54	-19.98	AVG
7326.048	40.29	8.17	48.46	74	-25.54	peak
7326.048	30.15	8.17	38.32	54	-15.68	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 2	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2442.016	94.53	-9.63	84.9	114	-29.1	peak
2442.016	81.34	-9.63	71.71	94	-22.29	AVG
4884.032	42.13	3.76	45.89	74	-28.11	peak
4884.032	31.86	3.76	35.62	54	-18.38	AVG
7326.048	40.73	8.17	48.9	74	-25.1	peak
7326.048	30.16	8.17	38.33	54	-15.67	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 3	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2474.021	94.37	-9.61	84.76	114	-29.24	peak
2474.021	82.13	-9.61	72.52	94	-21.48	AVG
4948.042	42.59	3.83	46.42	74	-27.58	peak
4948.042	32.46	3.83	36.29	54	-17.71	AVG
7422.063	39.12	8.21	47.33	74	-26.67	peak
7422.063	31.83	8.21	40.04	54	-13.96	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 3	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2474.021	95.12	-9.61	85.51	114	-28.49	peak
2474.021	82.86	-9.61	73.25	94	-20.75	AVG
4948.042	42.63	3.83	46.46	74	-27.54	peak
4948.042	31.86	3.83	35.69	54	-18.31	AVG
7422.063	40.12	8.21	48.33	74	-25.67	peak
7422.063	32.09	8.21	40.3	54	-13.7	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Note: Other emission 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.
The spurious emission of mode 4 are considered as ambient noise. No recording in the test report.

8. BAND EDGE EMISSION

8.1. MEASUREMENT PROCEDURE

1The EUT operates at hopping-off test mode. The lowest or highest channels are tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.

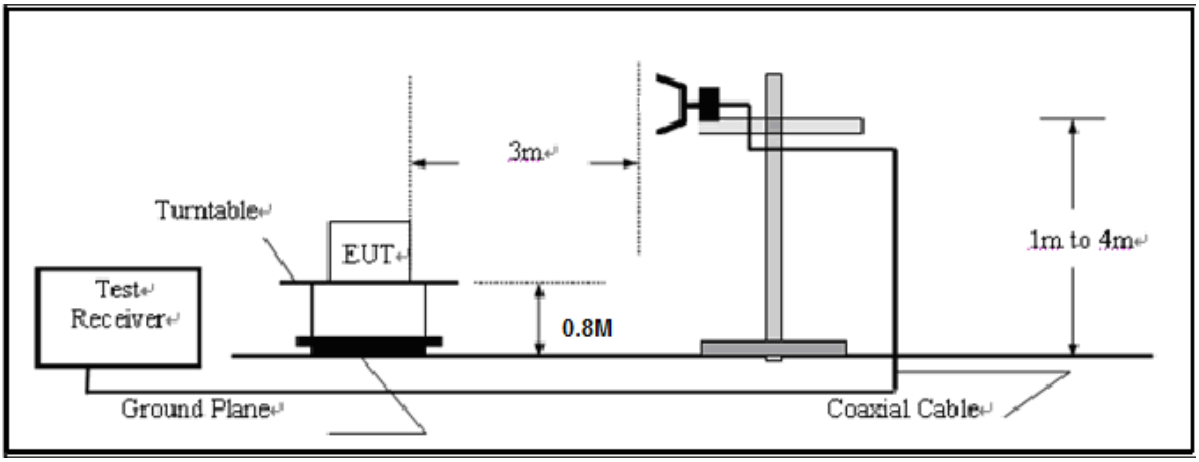
2Max hold the trace of the setp 1,and the EUT operates at hopping-on test mode to verify the largest spurious emissions power.

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

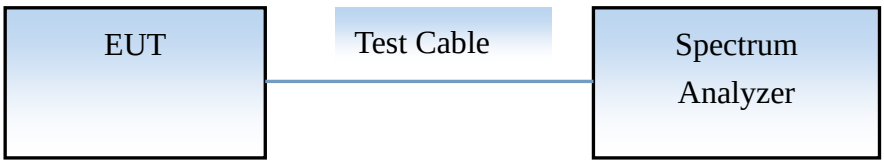
(b) AVERAGE: RBW=1MHz ; VBW=1/on time(1KHz) / Sweep=AUTO

8.2 TEST SETUP

RADIATED EMISSION TEST SETUP

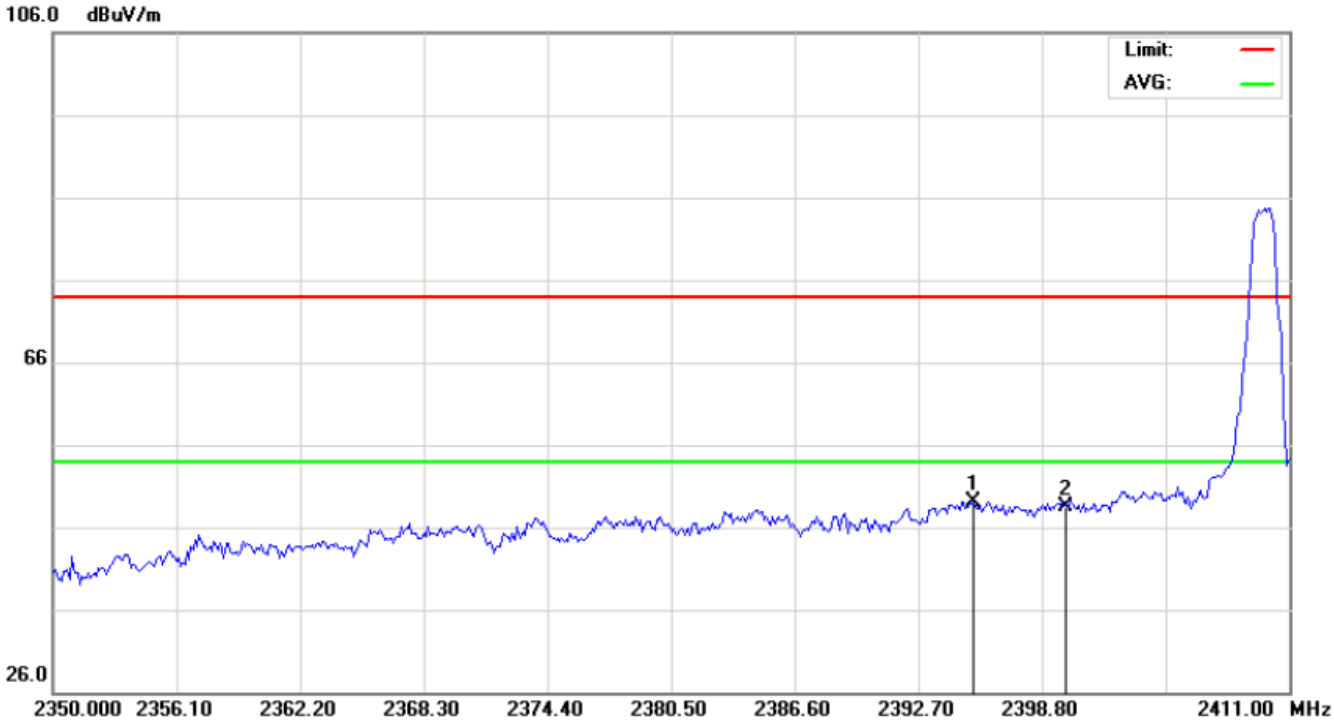


CONDUCTED TEST SETUP



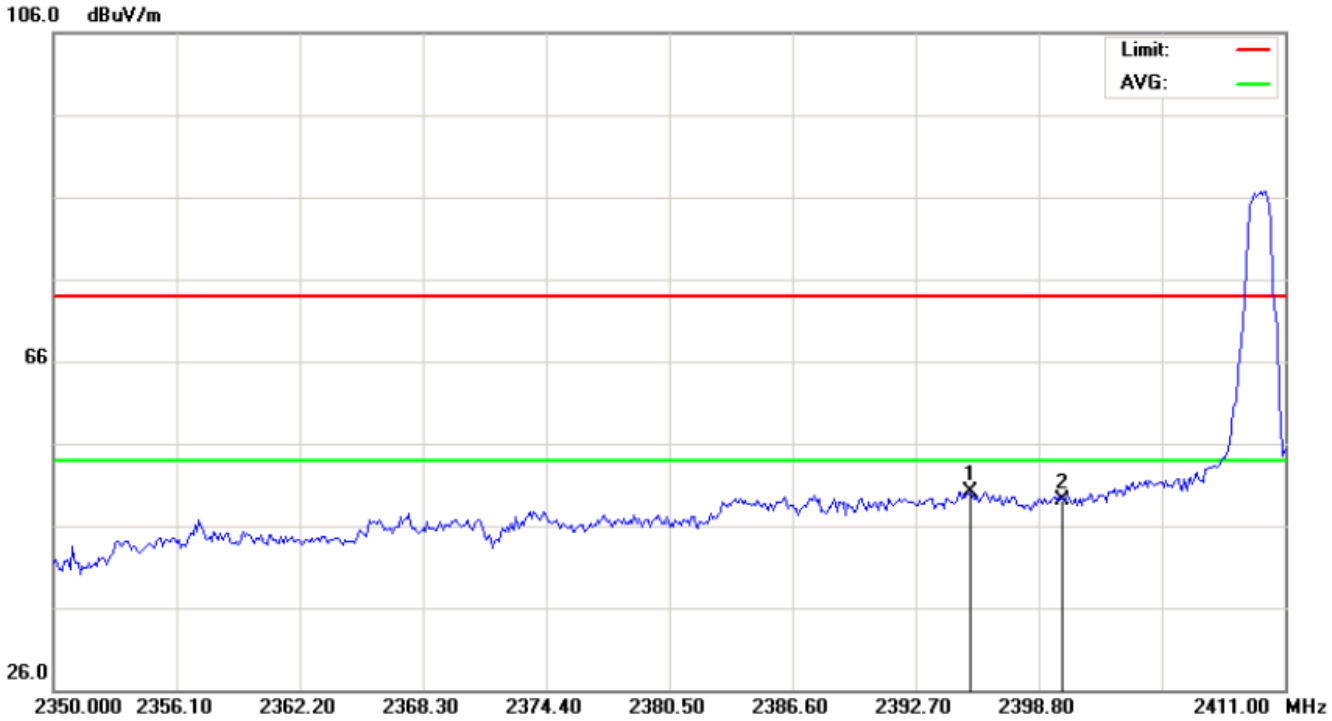
8.3 RADIATED TEST RESULT

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization：	Horizontal



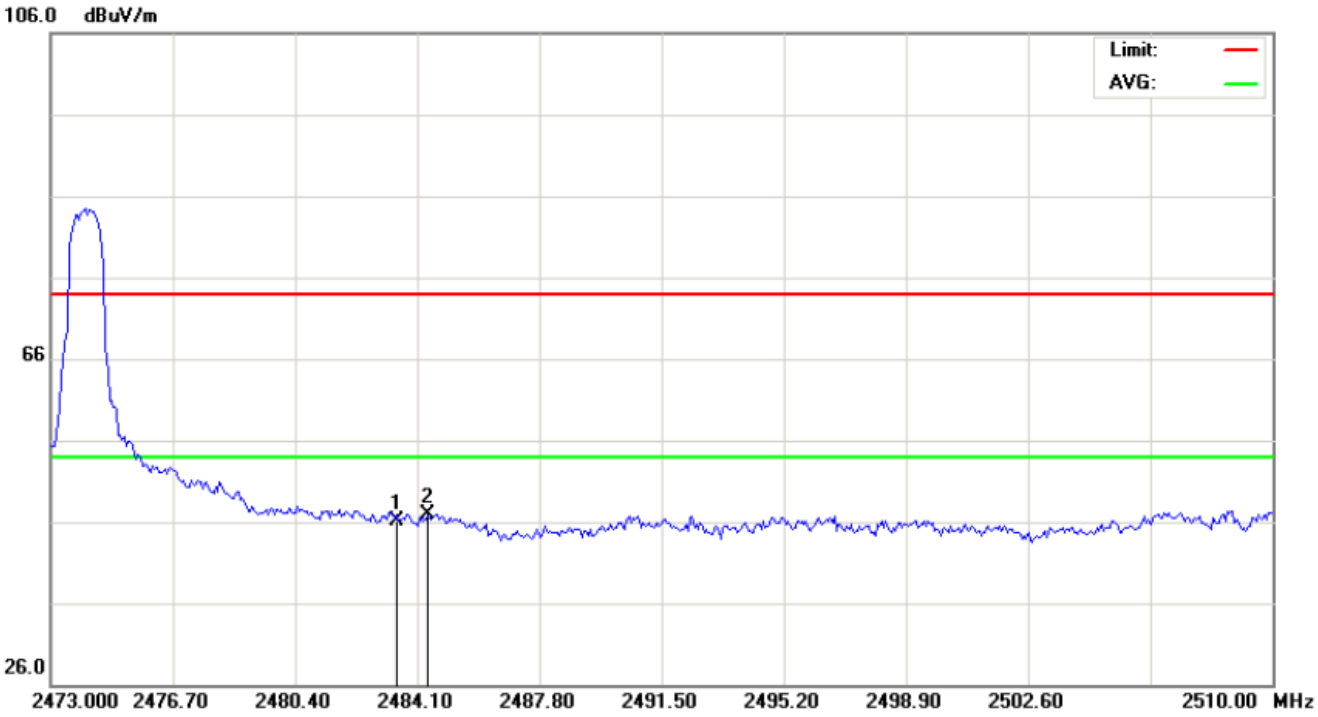
Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2395.435	62.07	-13.00	49.07	74	-24.93	peak
2400.000	61.28	-12.99	48.29	74	-25.71	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 1	Polarization：	Vertical



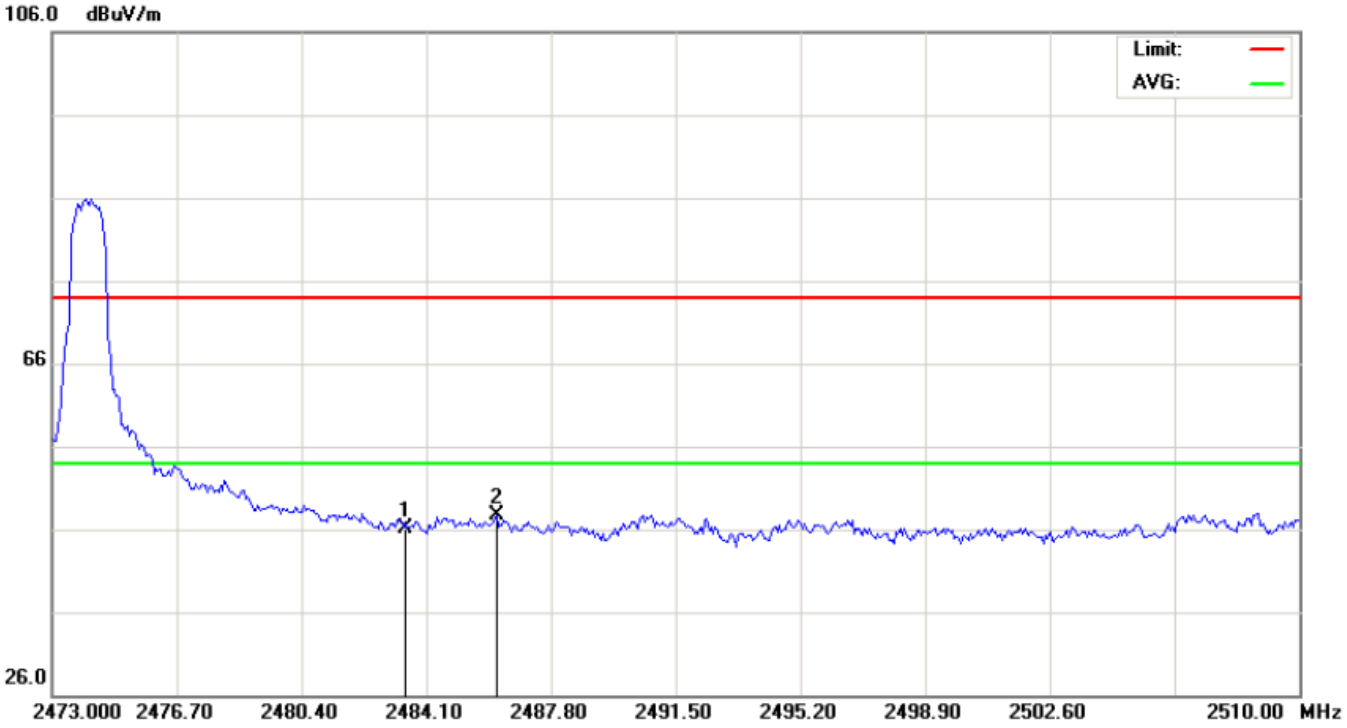
Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2395.435	62.86	-13.00	49.86	74	-24.14	peak
2400.000	62.55	-12.99	49.56	74	-24.44	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 3	Polarization：	Horizontal



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2483.500	60.34	-12.78	47.56	74	-26.44	peak
2484.600	60.53	-12.77	47.76	74	-26.24	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	Remote Control for aircraft	Model Name. ：	CF-908
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC6V
Test Mode ：	Mode 3	Polarization：	Vertical



Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2483.500	62.13	-12.78	49.35	74	-24.65	peak
2483.600	62.56	-12.77	49.79	74	-24.21	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Note:

Factor=Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

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

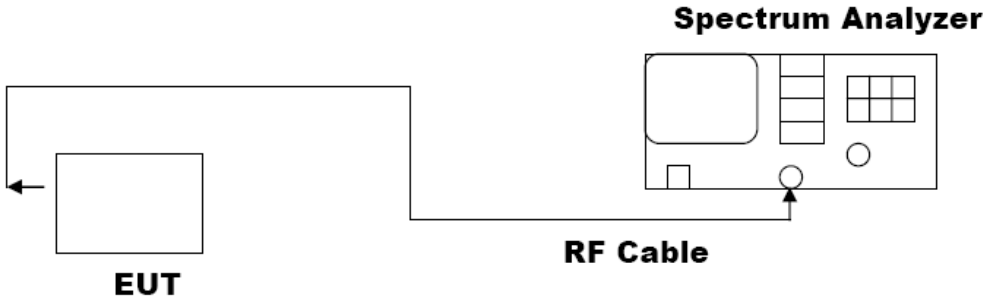
The PK emission level are less than AV limit，so the AV emission level are not recorded.

9. 20DB BANDWIDTH

9.1. MEASUREMENT PROCEDURE

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 KHz, VBW≥3×RBW.
4. Set SPA Trace 1 Max hold, then View.

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

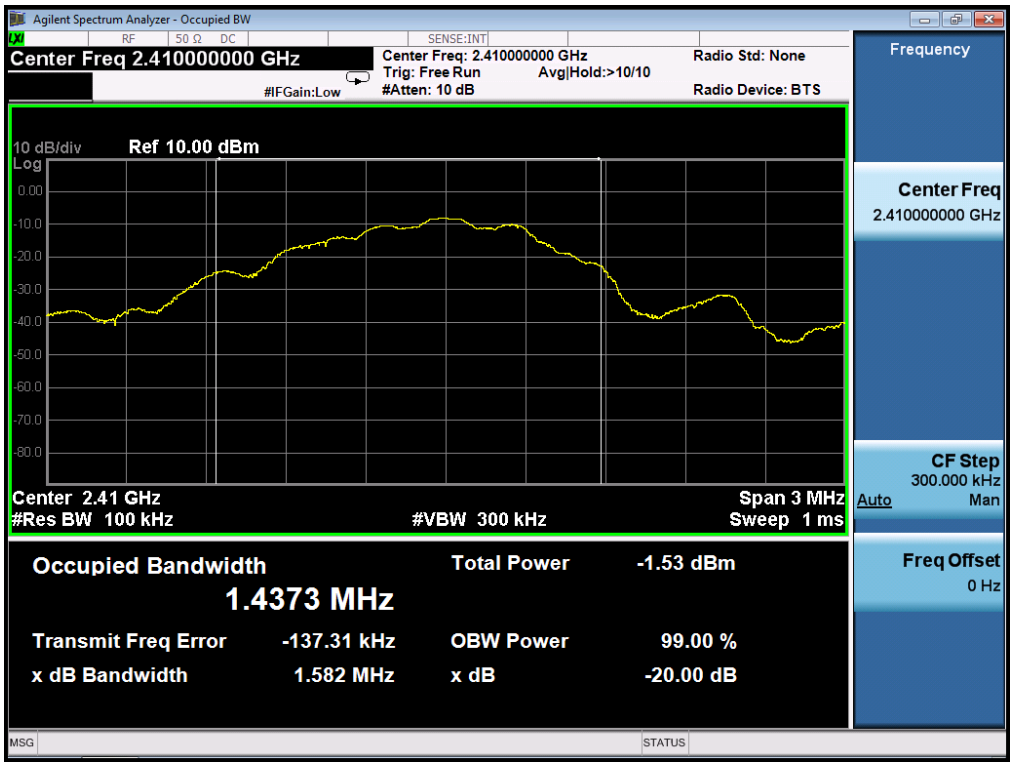


9.3. MEASUREMENT RESULTS

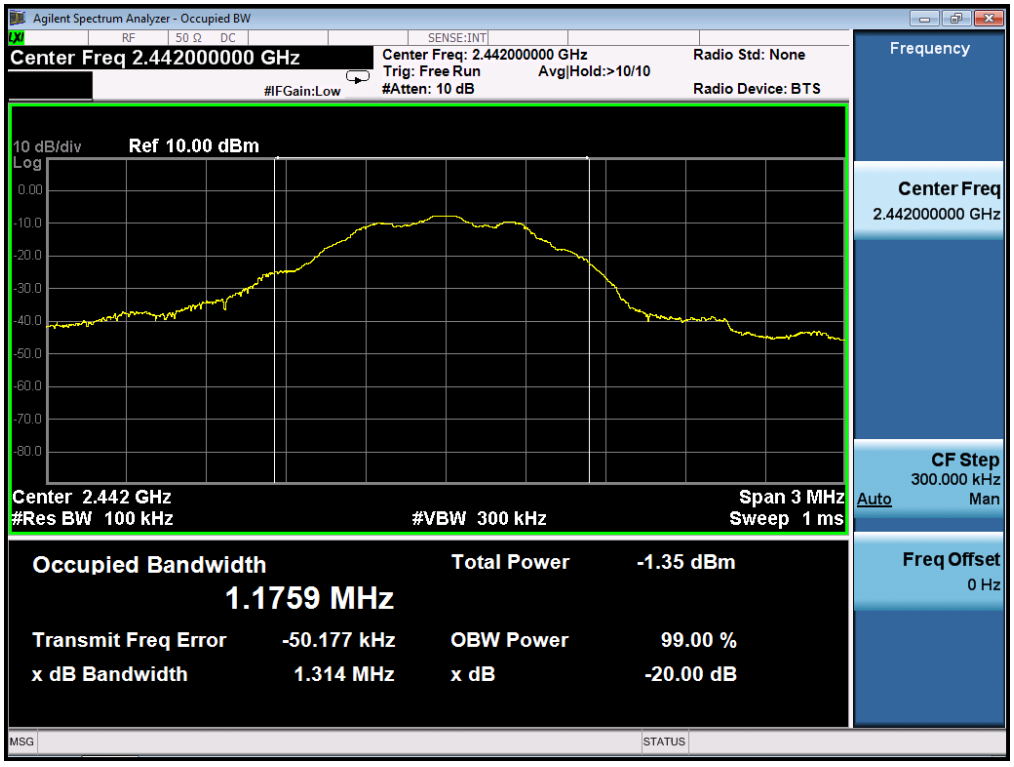
TEST ITEM	20DB BANDWIDTH
TEST MODE	Mode1;Mode2;Mode3

Test Data (MHz)		Criteria
Low Channel	1.582	PASS
Middle Channel	1.314	PASS
High Channel	1.215	PASS

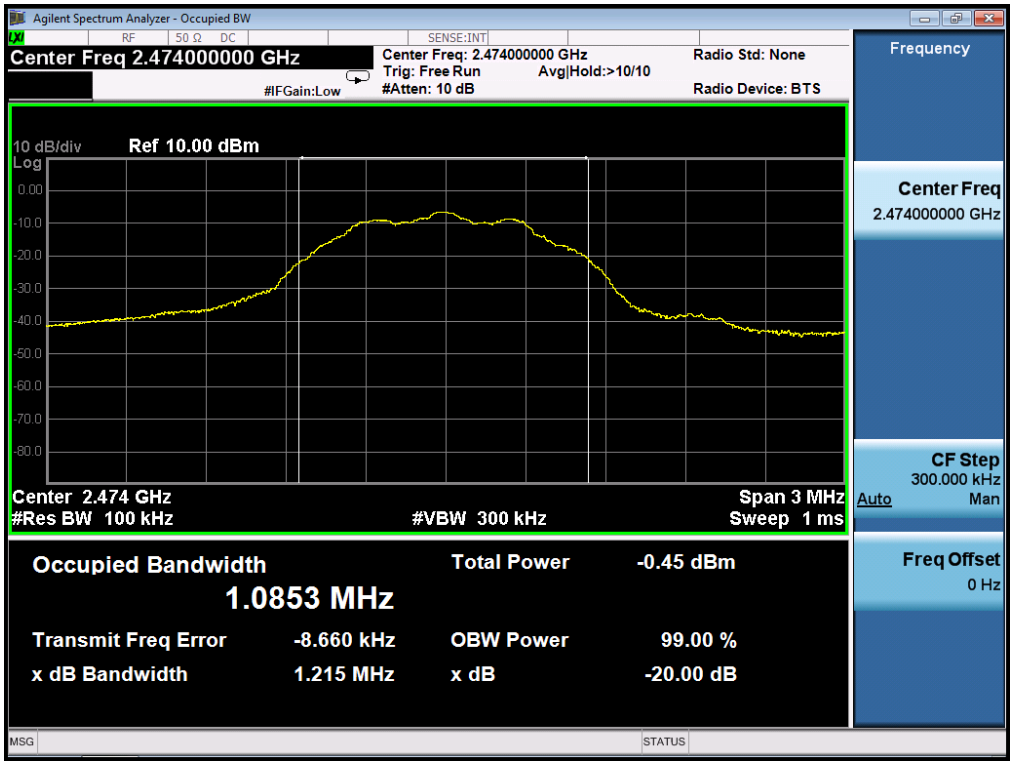
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL

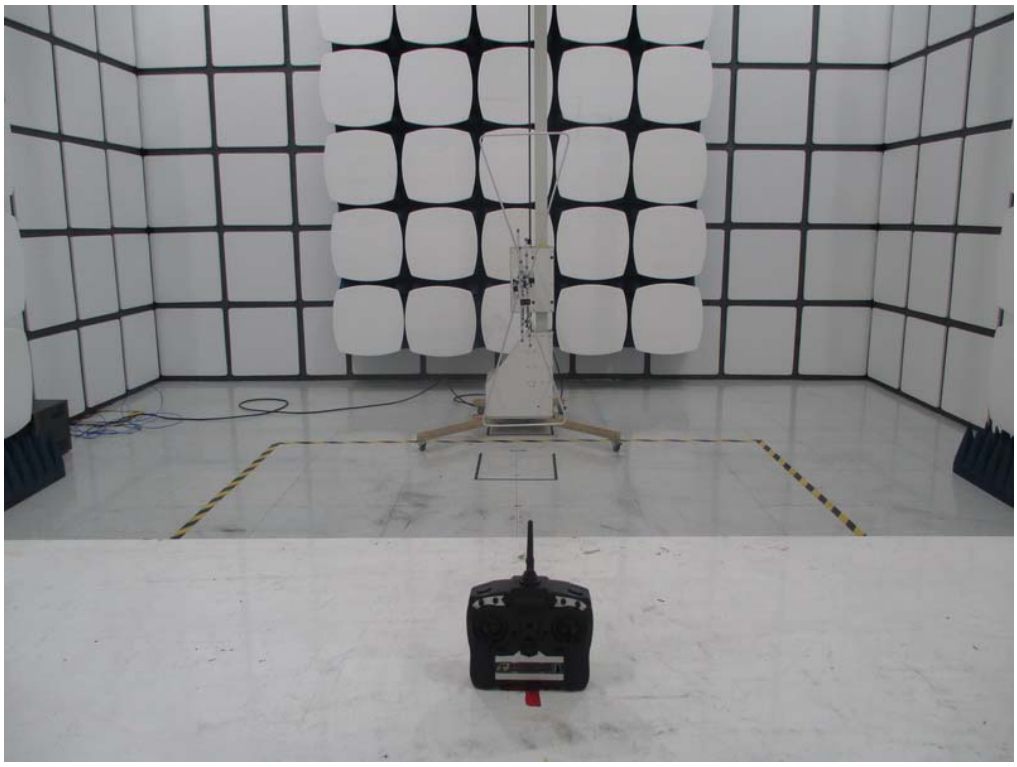


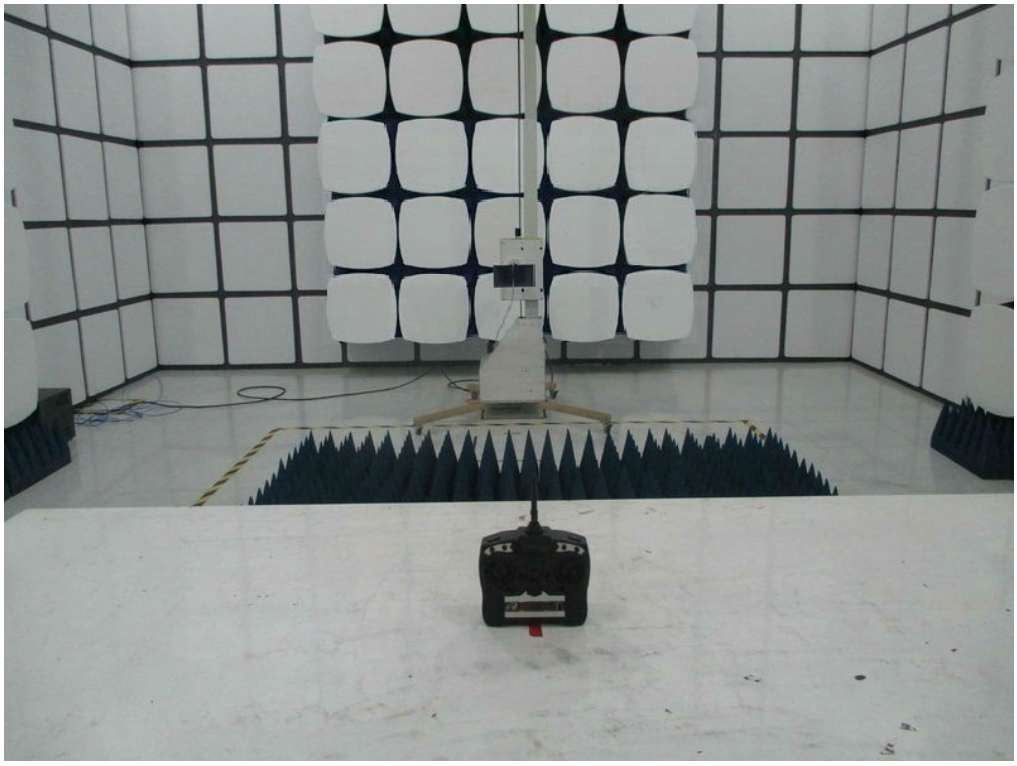
TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

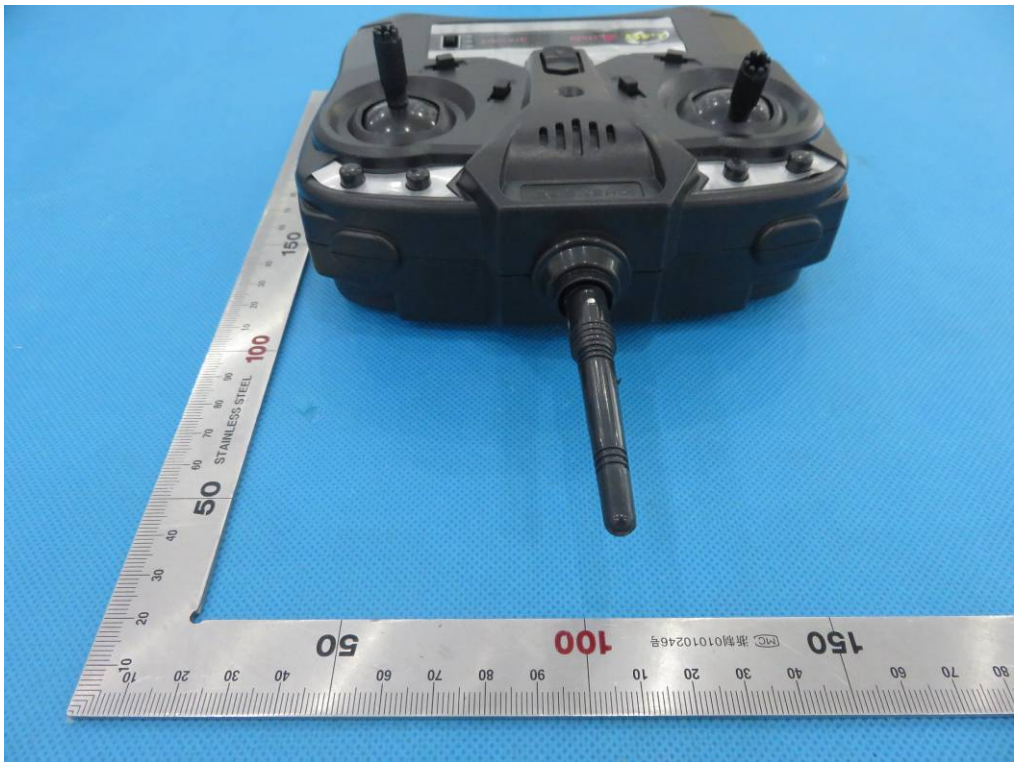
FCC RADIATED EMISSION TEST SETUP





APPENDIX B: PHOTOGRAPHS OF EUT

TOP VIEW OF EUT



BOTTOM VIEW OF EUT

FRONT VIEW OF EUT

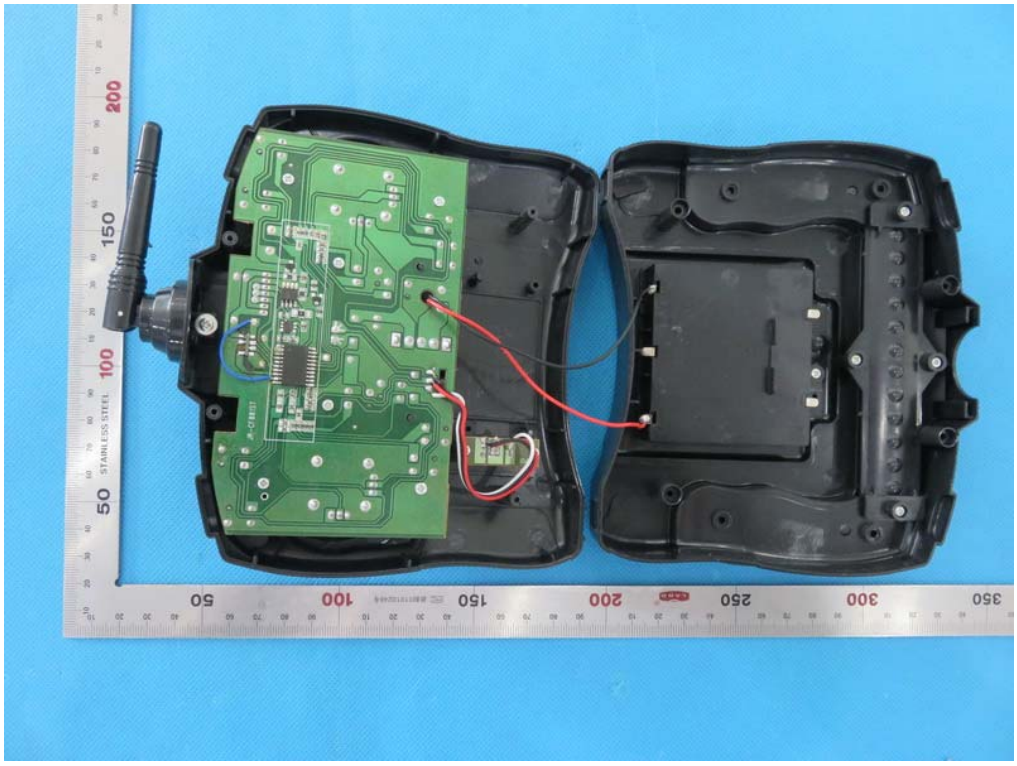
BACK VIEW OF EUT

LEFT VIEW OF EUT

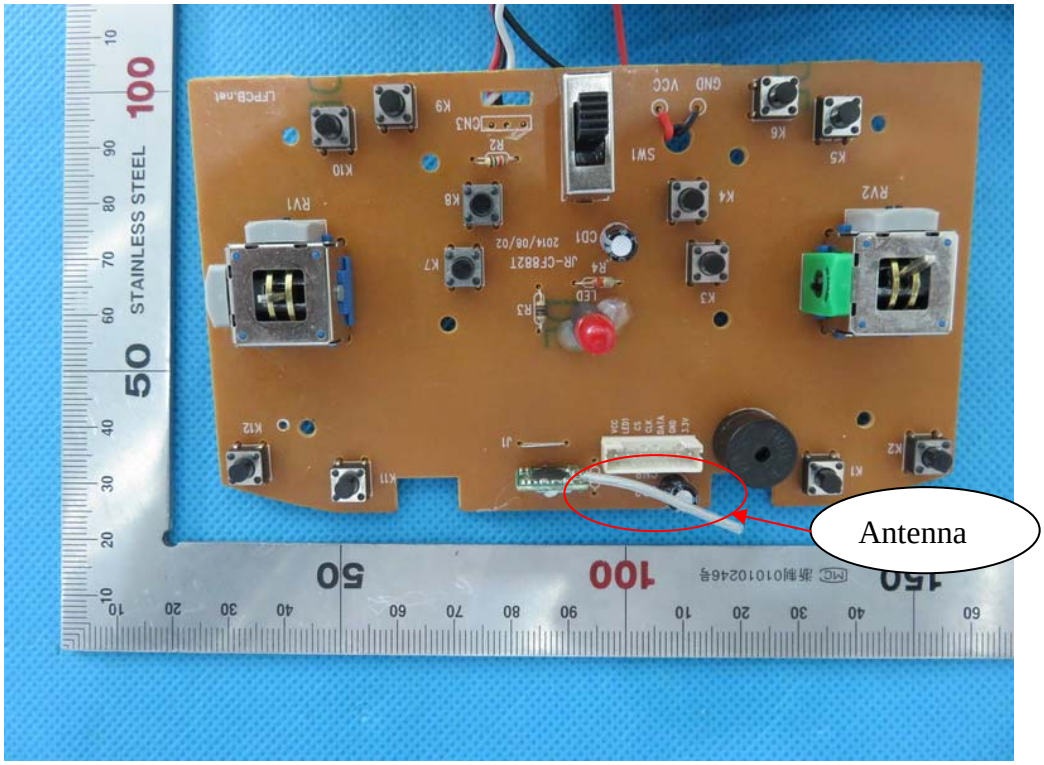
RIGHT VIEW OF EUT

OPEN VIEW OF EUT

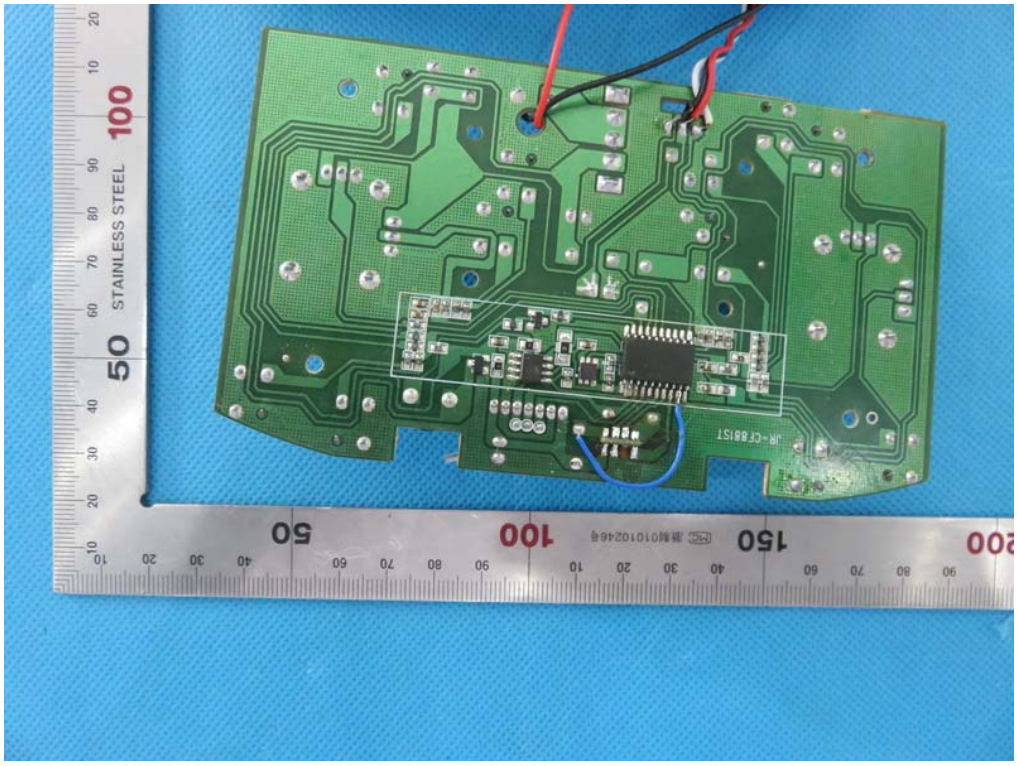
INTERNAL VIEW OF EUT-1



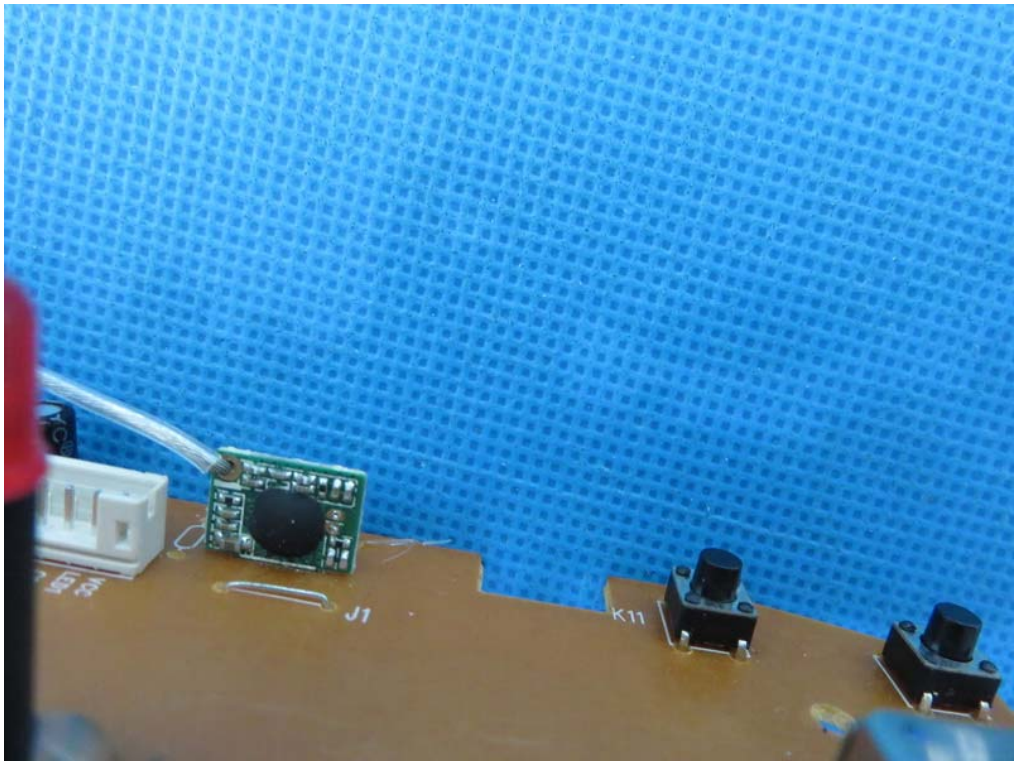
INTERNAL VIEW OF EUT-2



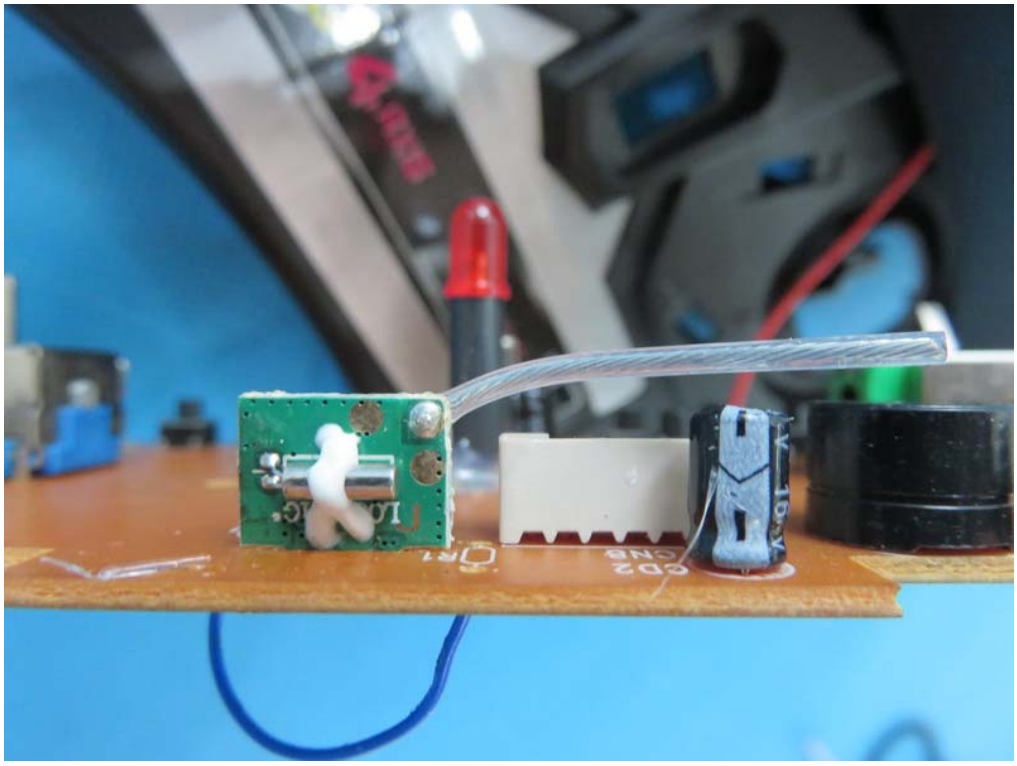
INTERNAL VIEW OF EUT-3



INTERNAL VIEW OF EUT-4



INTERNAL VIEW OF EUT-5



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