FCC Test Report

Report No.: AGC02607150301FE03

FCC ID	:	2ADPF-05220808
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	GHOST Drone
BRAND NAME	:	GHOST
MODEL NAME	:	GHOST Aerial GHOST Basic
CLIENT	:	Guangzhou EHang Intelligent Technologies Co., Ltd.
DATE OF ISSUE	:	May.06,2015
STANDARD(S) **TEST PROCEDURE(S)**	:	FCC Part 15 Rules
REPORT VERSION	:	V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May.06,2015	Valid	Original Report

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1. VERIFICATION OF CONFORMITY

Applicant	Guangzhou EHang Intelligent Technologies Co., Ltd.
Address	Floor 4, Vice-building, Grand View of the World, Aoti Road, Tianhe District, Guangzhou City, Guangdong Province
Manufacturer	Guangzhou EHang Intelligent Technologies Co., Ltd.
Address	Floor 4, Vice-building, Grand View of the World, Aoti Road, Tianhe District, Guangzhou City, Guangdong Province
Product Designation	GHOST Drone
Brand Name	GHOST
Test Model	GHOST Aerial
Series Model	GHOST Basic
Different Description	All the same except the model and color.
Date of test	Apr.28,2015 to May.05,2015
Deviation	None
Condition of Test Sample	Normal
Report Template	AGCRT-US-BR/RF

We hereby certify that:

The above equipment was tested by Compliance Certification Services(Shenzhen) Inc. 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.

Prepared By	Max Zhang	May.06,2015
Checked By	Kidd Yang	May.06,2015
Authorized By	Solger Zhang	May.06,2015

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2405.5-2475MHz
Maximum field strength	89.62dBuV/m@3m(AV)
Modulation	FSK
Number of channels	160
Hardware Version	V2.4
Software Version	Android 1.0.3
Antenna Designation	Component Antenna (Met 15.203 Antenna requirement)
Antenna Gain	2.41dBi
Power Supply	DC11.1V by battery

2.2. TABLE OF CARRIER FREQUENCYS

Group 1:

2410 MHz	2415 MHz	2420 MHz	2425 MHz	2427.5 MHz	2430 MHz	2432.5 MHz	2435 MHz
2440 MHz	2445 MHz	2450 MHz	2455 MHz	2460 MHz	2465 MHz	2470 MHz	2475 MHz

Group 2:

2409.5 MHz	2414.5 MHz	2419.5 MHz	2424.5 MHz	2427 MHz	2429.5 MHz	2432 MHz	2434.5 MHz
2439.5 MHz	2444.5 MHz	2449.5 MHz	2454.5 MHz	2459.5 MHz	2464.5 MHz	2469.5 MHz	2474.5 MHz

Group 3:

2409 MHz	2414 MHz	2419 MHz	2424 MHz	2426.5 MHz	2429 MHz	2431.5 MHz	2434 MHz
2439 MHz	2444 MHz	2449 MHz	2454 MHz	2459 MHz	2464 MHz	2469 MHz	2474 MHz

Group 4:

2408.5 MHz	2413.5 MHz	2418.5 MHz	2423.5 MHz	2426 MHz	2428.5 MHz	2431 MHz	2433.5 MHz
2438.5 MHz	2443.5 MHz	2448.5 MHz	2453.5 MHz	2458.5 MHz	2463.5 MHz	2468.5 MHz	2473.5 MHz

Group 5:

2408 MHz	2413 MHz	2418 MHz	2420.5 MHz	2423 MHz	2428 MHz	2430.5 MHz	2433 MHz
2438 MHz	2443 MHz	2448 MHz	2453 MHz	2458 MHz	2463 MHz	2468 MHz	2473 MHz

Group 6:

2407.5 MHz	2412.5 MHz	2417.5 MHz	2420 MHz	2422.5 MHz	2427.5 MHz	2430 MHz	2432.5 MHz
2437.5 MHz	2442.5 MHz	2447.5 MHz	2452.5 MHz	2457.5 MHz	2462.5 MHz	2467.5 MHz	2472.5 MHz

Group 7:

2407 MHz	2412 MHz	2417 MHz	2419.5 MHz	2422 MHz	2427 MHz	2429.5 MHz	2432 MHz
2437 MHz	2442 MHz	2447 MHz	2452 MHz	2457 MHz	2462 MHz	2467 MHz	2472 MHz

Group 8:

2406.5 MHz	2411.5 MHz	2416.5 MHz	2419 MHz	2421.5 MHz	2426.5 MHz	2429 MHz	2431.5 MHz
2436.5 MHz	2441.5 MHz	2446.5 MHz	2451.5 MHz	2456.5 MHz	2461.5 MHz	2466.5 MHz	2471.5 MHz

Group 9:

2406 MHz	2411 MHz	2416 MHz	2418.5 MHz	2421 MHz	2426 MHz	2428.5 MHz	2431 MHz
2436 MHz	2441 MHz	2446 MHz	2451 MHz	2456 MHz	2461 MHz	2466 MHz	2471 MHz

Group10:

2405.5 MHz	2410.5 MHz	2415.5 MHz	2417.5 MHz	2420.5 MHz	2425.5 MHz	2428 MHz	2430.5 MHz
2435.5 MHz	2440.5 MHz	2445.5 MHz	2450.5 MHz	2455.5 MHz	2460.5 MHz	2465.5 MHz	2470.5 MHz

Note: The EUT is actually a random switching in 10 groups when it starts.

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

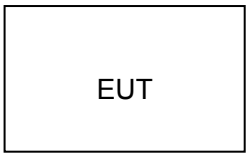
NO.	TEST MODE DESCRIPTION
1	Low channel TX
2	Middle channel TX
3	High channel TX
4	Link Mode

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	GHOST Drone	GHOST Aerial	N/A	EUT
2	Battery	V1.0	N/A	A.E

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.249	Radiated Emission	Compliant
§15.249	Band Edges	Compliant

6. TEST FACILITY

Site	Compliance Certification Services(Shenzhen) Inc.
Location	Building 10-1, Mingkeda logistics park, huanguan South Road, guanlan town, Baoan District, Shenzhen, Guangdong, P.R.China
FCC Registration No.	441872
Description	The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2009.

7 ALL TEST EQUIPMENT LIST

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Universal Radio Communication Tester	R&S	CMU200	112012	2014.10.25	2015.10.24
Bilog Antenna	TESEQ	CBL6111D	34678	2014.10.25	2015.10.24
Low frequency cable	MURATA	R-03	130627	2014.10.25	2015.10.24
High frequency cable	HARBOUR	R-02	FL0000175	2014.10.25	2015.10.24
EMI Test Receiver	R&S	ESCI	101427	2014.10.25	2015.10.24
Antenna Mast	EM	SC100_1	N/A	N/A	N/A
Turn Table	EM	SC100	060531	N/A	N/A
50Ω Switch	Anritsu Corp	MP59B	6200983705	2014.07.06	2015.07.05
Spectrum Analyzer	Aglient	E4407B	MY50140340	2014.10.25	2015.10.24
Horn Antenna	Schwarbeck	BBHA 9120D	9120D-963	2014.10.25	2015.10.24
Pre-Amplifier	DASY 5	NO. WL-42W	9638	2014.10.25	2015.10.24

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
EMI Test Receiver	R&S	ESPI	102086	2014.10.25	2015.10.24
LISN	R&S	ENV216	101242	2014.10.25	2015.10.24
LISN	EMCO	3810/2NM	000-23625	2014.10.25	2015.10.24
Absorbing clamp	R&S	MDS-21	100668	2014.10.27	2015.10.26
Temperature & Humitidy Chamber	Mieo	HH660	N/A	2014.10.27	2015.10.26
Conduction Cable	EM	C01	N/A	2014.10.25	2015.10.24
Clamp Cable	EM	C02	N/A	2014.10.25	2015.10.24

8. RADIATED EMISSION

8.1TEST 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.

8.2. 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.

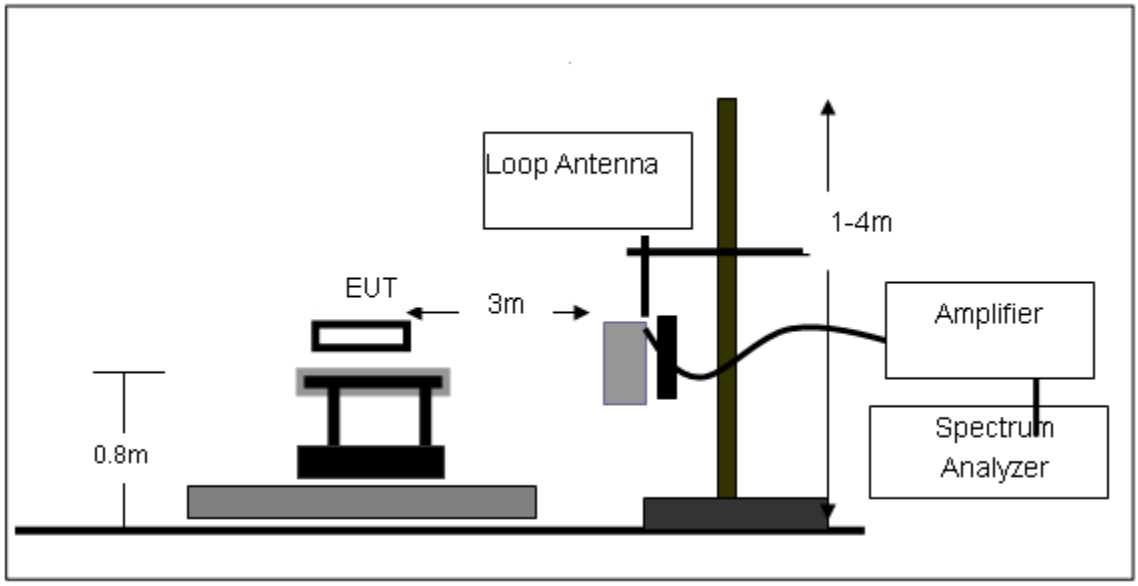
The following table is the setting of spectrum analyzer and receiver.

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

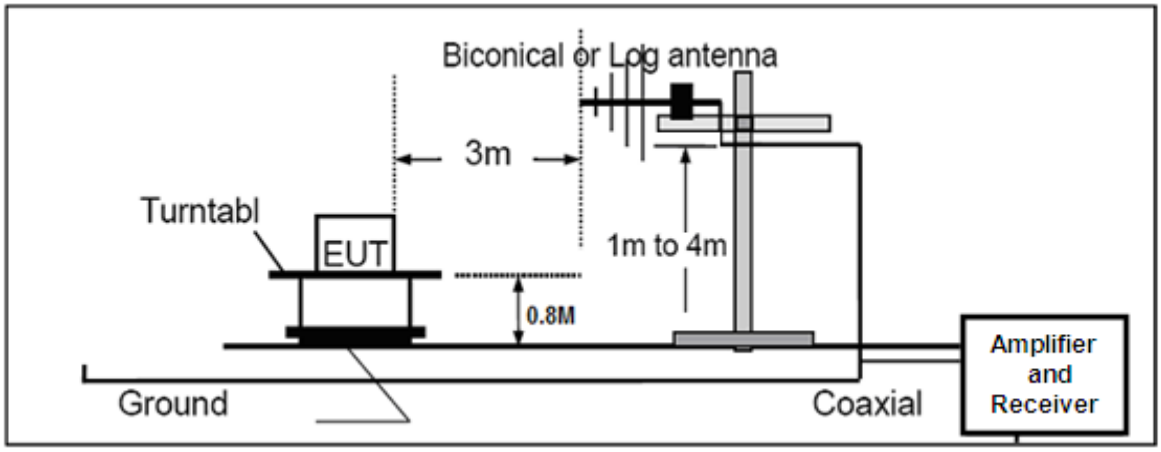
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

8.3. TEST SETUP

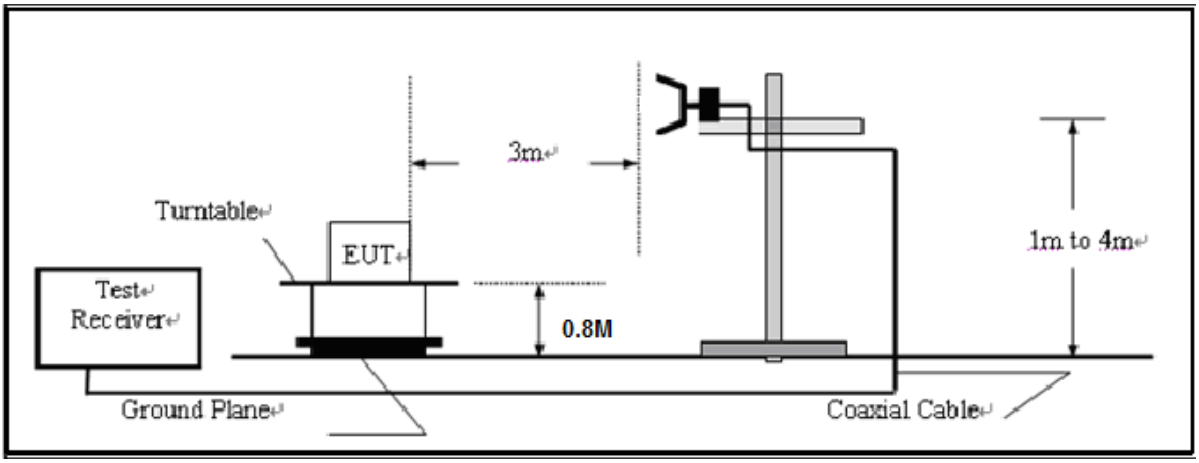
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



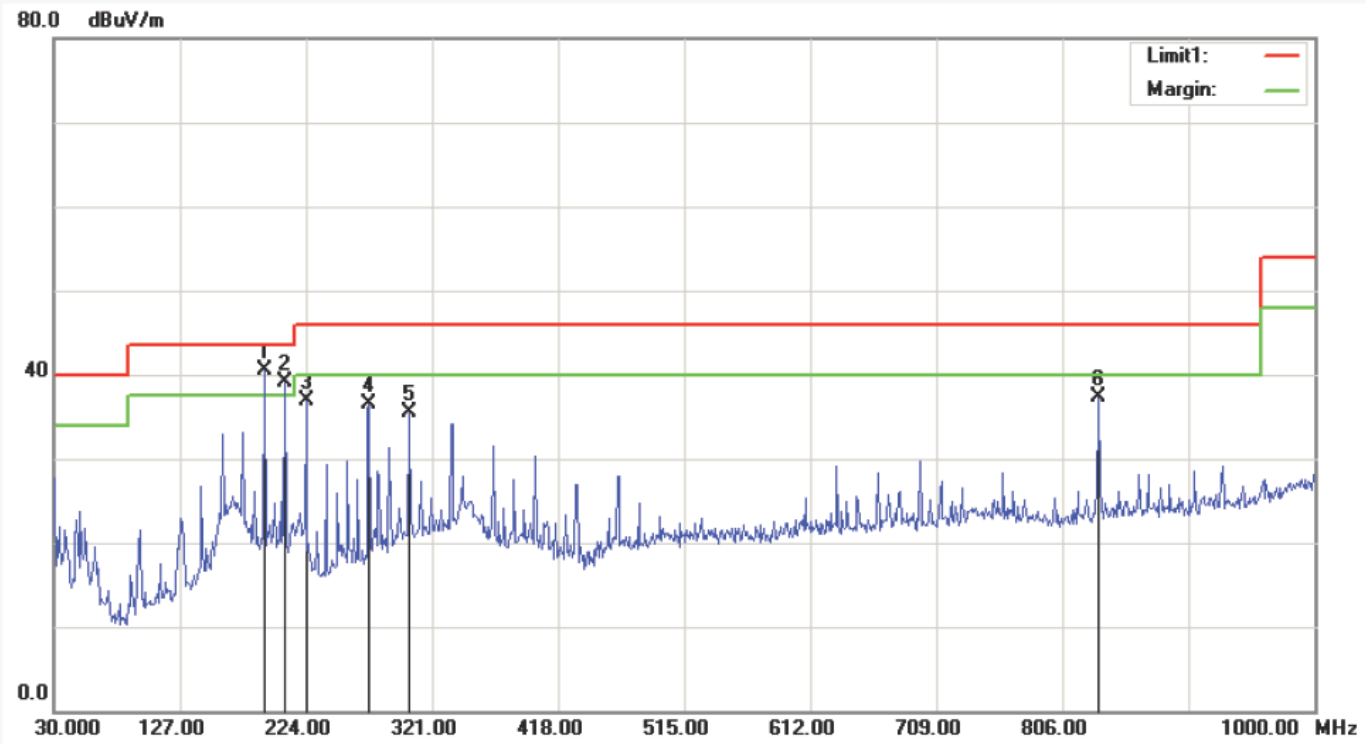
8.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

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

RADIATED EMISSION 30MHz- 1GHZ

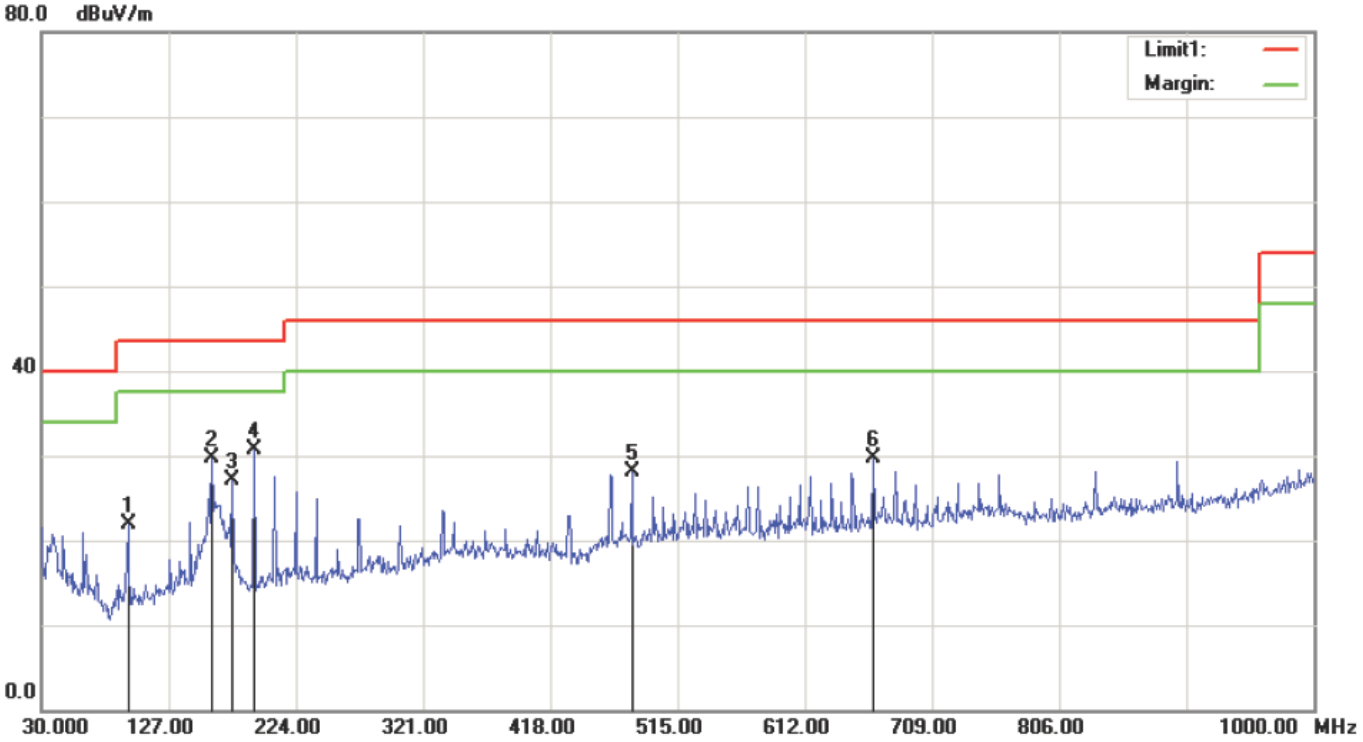
EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Link mode	Polarization :	Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1*	191.9900	53.28	-12.80	40.48	43.50	-3.02			peak
2!	207.5100	50.79	-11.66	39.13	43.50	-4.37			peak
3	224.0000	47.75	-10.81	36.94	46.00	-9.06			peak
4	272.5000	46.60	-10.07	36.53	46.00	-9.47			peak
5	303.5400	45.40	-9.99	35.41	46.00	-10.59			peak
6	834.1300	40.32	-3.07	37.25	46.00	-8.75			peak

RESULT: PASS

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Link mode	Polarization :	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Remark
1*	47.4600	48.22	-12.02	36.20	50.00	-13.80			peak
2	152.2200	43.40	-11.84	31.56	53.50	-21.94			peak
3	183.2600	45.53	-13.49	32.04	53.50	-21.46			peak
4	279.2900	39.93	-9.72	30.21	56.40	-26.19			peak
5	335.5500	42.47	-9.64	32.83	56.40	-23.57			peak
6	423.8200	43.16	-8.76	34.40	56.40	-22.00			peak

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

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

RADIATED EMISSION ABOVE 1GHZ

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Low Channel TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2405.513	108.68	-6.62	102.06	114	-11.94	peak
2405.513	96.24	-6.62	89.62	94	-4.38	AVG
4811.026	56.35	1.72	58.07	74	-15.93	peak
4811.026	46.27	1.72	47.99	54	-6.01	AVG
7216.539	48.38	8.11	56.49	74	-17.51	peak
7216.539	36.29	8.11	44.4	54	-9.6	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Low Channel TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2405.513	106.27	-6.62	99.65	114	-14.35	peak
2405.513	94.16	-6.62	87.54	94	-6.46	AVG
4811.026	56.12	1.72	57.84	74	-16.16	peak
4811.026	46.24	1.72	47.96	54	-6.04	AVG
7216.539	48.52	8.11	56.63	74	-17.37	peak
7216.539	36.57	8.11	44.68	54	-9.32	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Middle Channel TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2440.024	107.94	-6.45	101.49	114	-12.51	peak
2440.024	95.23	-6.45	88.78	94	-5.22	AVG
4880.048	54.26	1.95	56.21	74	-17.79	peak
4880.048	42.18	1.95	44.13	54	-9.87	AVG
7320.072	45.36	8.32	53.68	74	-20.32	peak
7320.072	34.25	8.32	42.57	54	-11.43	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Middle Channel TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2440.024	106.21	-6.45	99.76	114	-14.24	peak
2440.024	94.27	-6.45	87.82	94	-6.18	AVG
4880.048	51.36	1.95	53.31	74	-20.69	peak
4880.048	40.58	1.95	42.53	54	-11.47	AVG
7320.072	49.31	8.32	57.63	74	-16.37	peak
7320.072	35.29	8.32	43.61	54	-10.39	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	High Channel TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2475.023	108.12	-6.28	101.84	114	-12.16	peak
2475.023	95.23	-6.28	88.95	94	-5.05	AVG
4950.046	54.26	2.01	56.27	74	-17.73	peak
4950.046	43.98	2.01	45.99	54	-8.01	AVG
7425.069	46.25	8.41	54.66	74	-19.34	peak
7425.069	34.58	8.41	42.99	54	-11.01	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	High Channel TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2475.023	107.08	-6.28	100.8	114	-13.2	peak
2475.023	94.68	-6.28	88.4	94	-5.6	AVG
4950.046	52.29	2.01	54.3	74	-19.7	peak
4950.046	41.51	2.01	43.52	54	-10.48	AVG
7425.069	46.57	8.41	54.98	74	-19.02	peak
7425.069	33.98	8.41	42.39	54	-11.61	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

Note: 8~25GHz at least have 20dB margin. 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.

9. BAND EDGE EMISSION

9.1. 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.

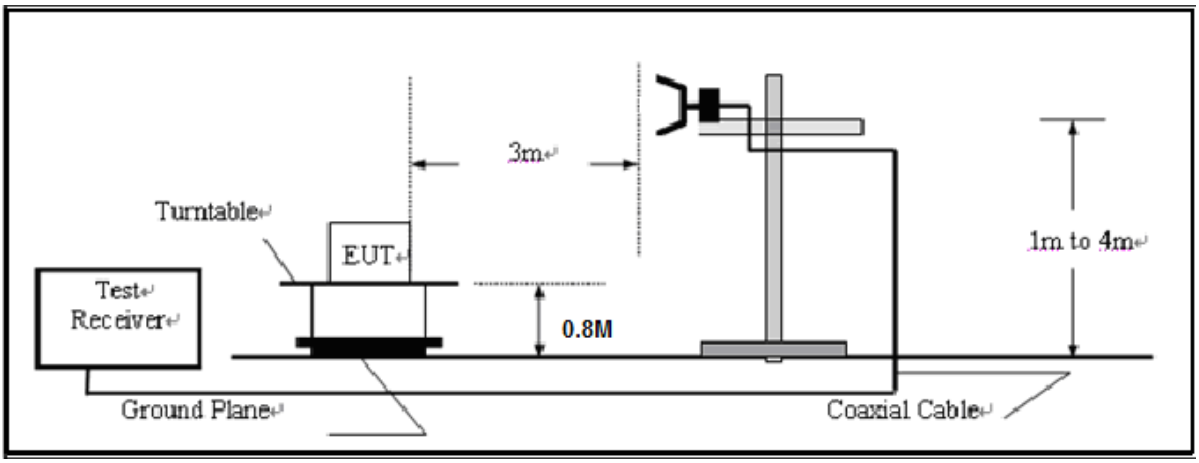
2Max hold the trace of the setp 1,and the EUT operates at hopping-on test mode to verify the largest spurious emissions power.

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

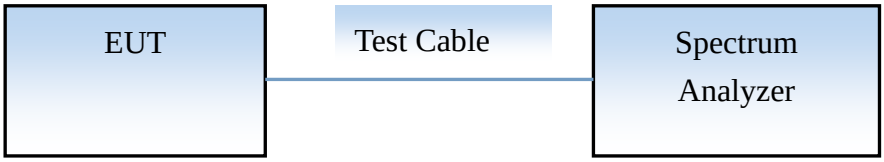
(b) AVERAGE: RBW=1MHz ; VBW=1/on time(1KHz) / Sweep=AUTO

9.2 TEST SETUP

RADIATED EMISSION TEST SETUP



CONDUCTED TEST SETUP



9.3 RADIATED TEST RESULT

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Low Channel TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2399.900	60.24	-6.64	53.6	74	-20.4	peak
2399.900	46.38	-6.64	39.74	54	-14.26	AVG
2400.000	60.27	-6.63	53.64	74	-20.36	peak
2400.000	46.36	-6.63	39.73	54	-14.27	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	Low Channel TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2399.900	60.35	-6.64	53.71	74	-20.29	peak
2399.900	47.65	-6.64	41.01	54	-12.99	AVG
2400.000	61.05	-6.63	54.42	74	-19.58	peak
2400.000	48.36	-6.63	41.73	54	-12.27	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	High Channel TX	Polarization :	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2483.500	60.05	-6.28	53.77	74	-20.23	peak
2483.500	45.36	-6.28	39.08	54	-14.92	AVG
2483.600	60.02	-6.29	53.73	74	-20.27	peak
2483.600	44.98	-6.29	38.69	54	-15.31	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT：	GHOST Drone	Model Name. ：	GHOST Aerial
Temperature：	20 ℃	Relative Humidtity：	48%
Pressure：	1010 hPa	Test Voltage ：	DC11.1V
Test Mode ：	High Channel TX	Polarization :	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
2483.500	60.21	-6.28	53.93	74	-20.07	peak
2483.500	46.31	-6.28	40.03	54	-13.97	AVG
2483.600	60.15	-6.29	53.86	74	-20.14	peak
2483.600	45.61	-6.29	39.32	54	-14.68	AVG
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.

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC RADIATED EMISSION TEST SETUP

APPENDIX B: PHOTOGRAPHS OF EUT

VIEW OF EUT-1

VIEW OF EUT-2

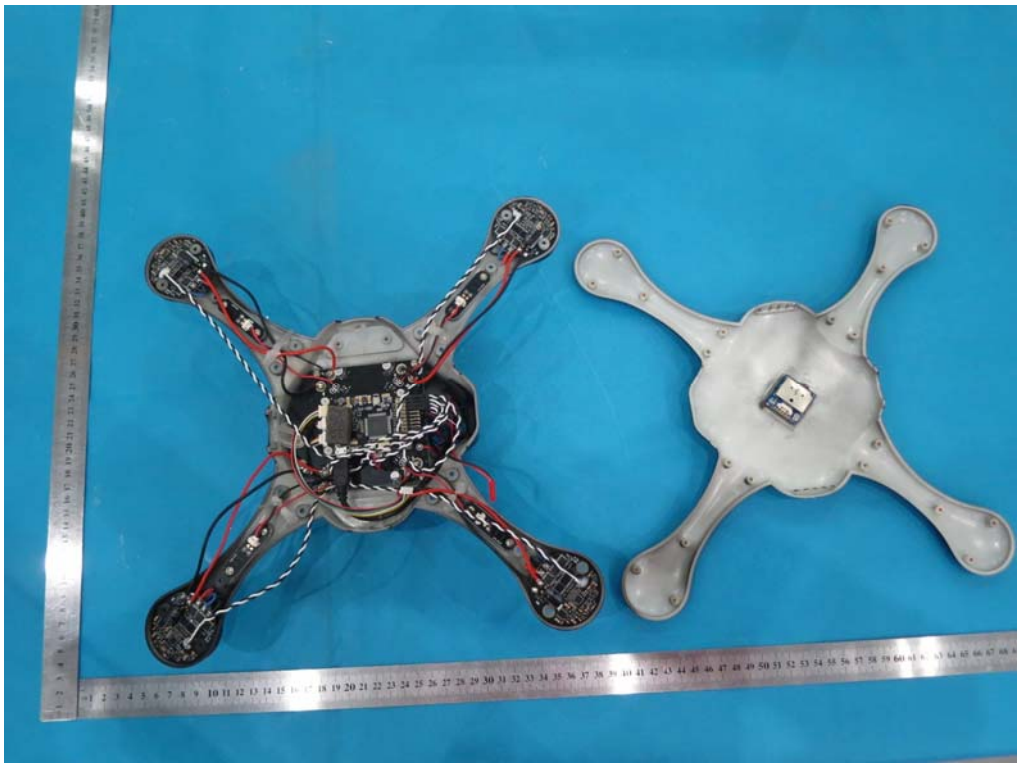
VIEW OF EUT-3

VIEW OF EUT-4

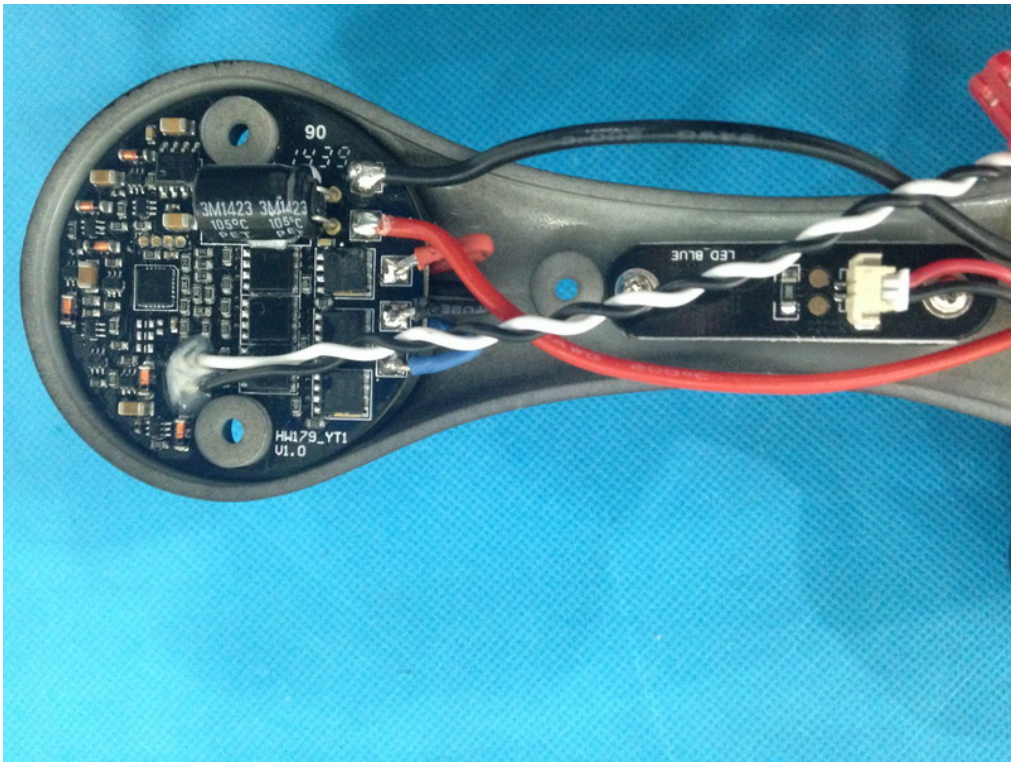
VIEW OF EUT-5

VIEW OF EUT-6

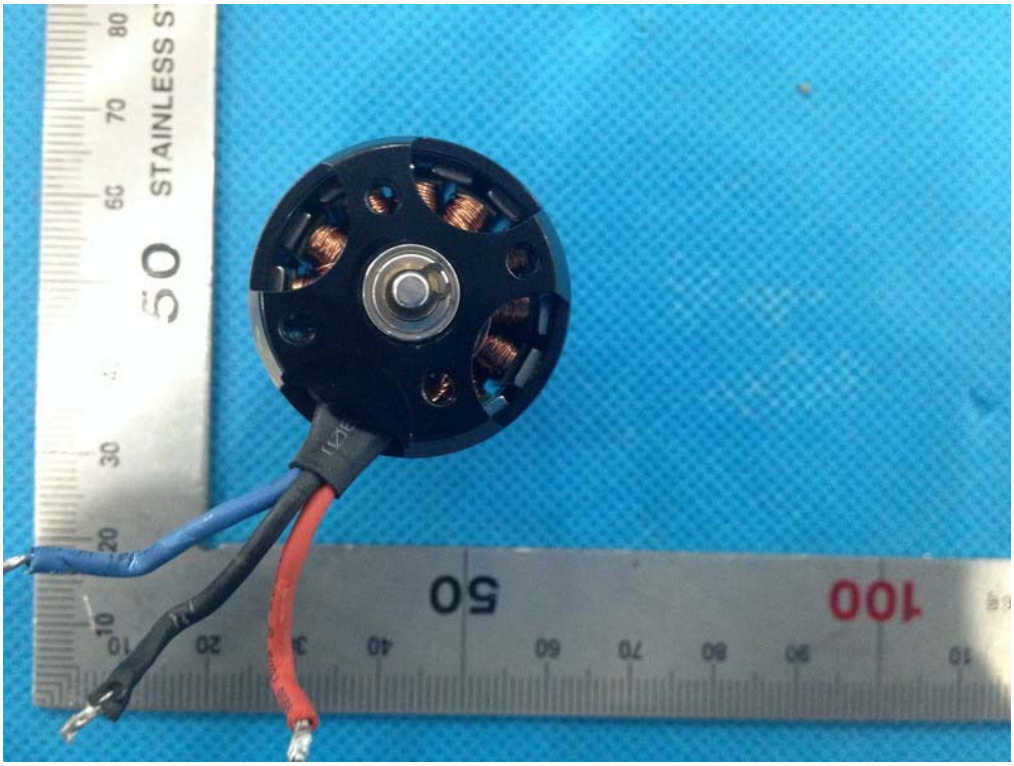
INTERNAL VIEW OF EUT-1



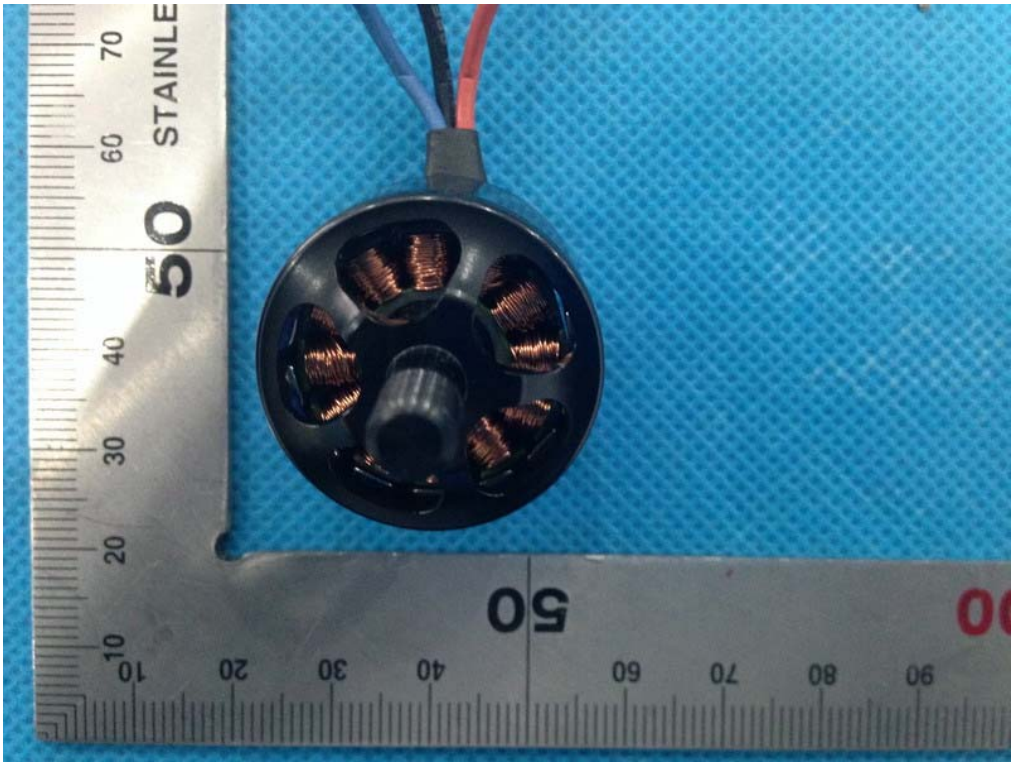
INTERNAL VIEW OF EUT-2



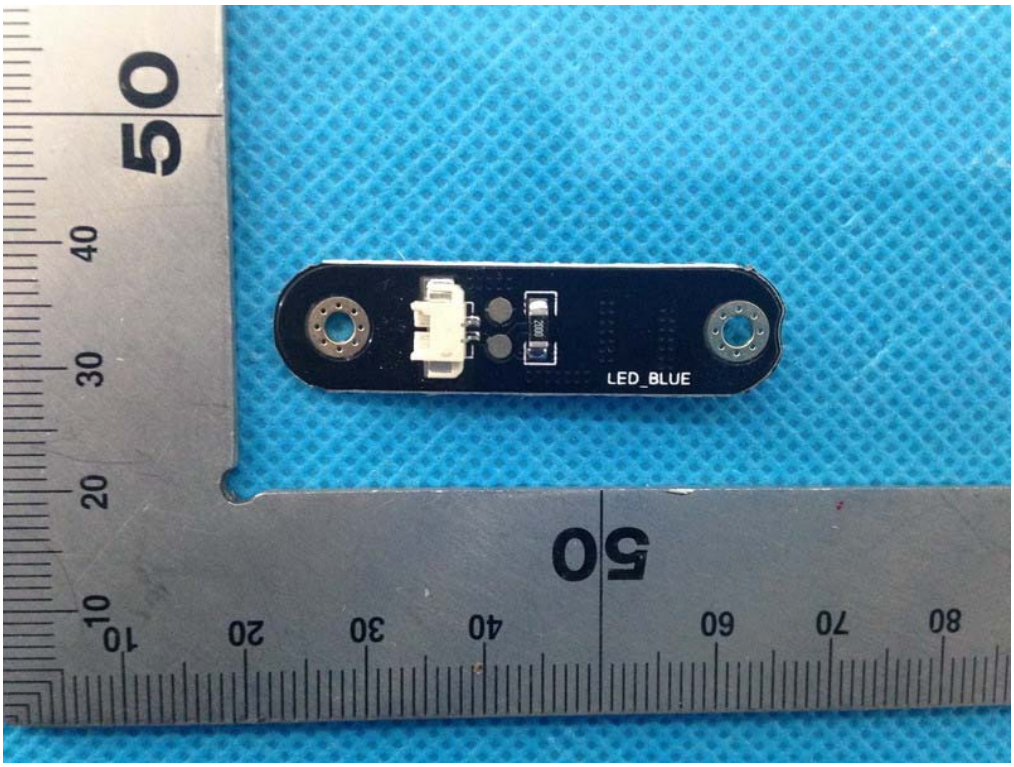
INTERNAL VIEW OF EUT-3



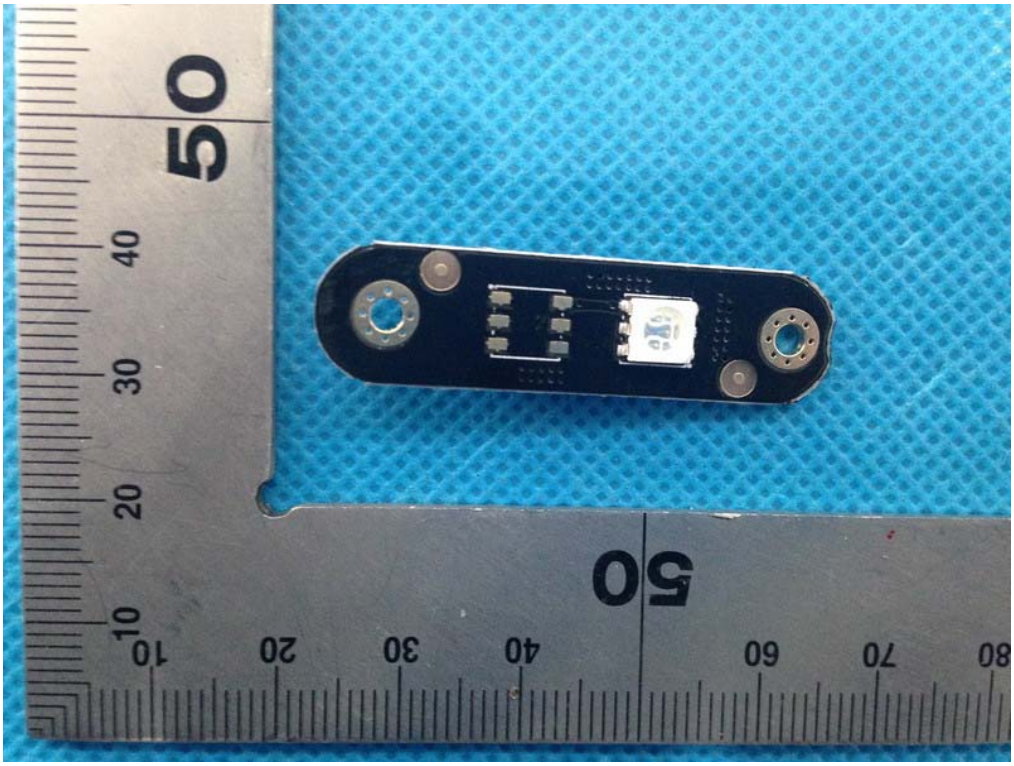
INTERNAL VIEW OF EUT-4



INTERNAL VIEW OF EUT-5

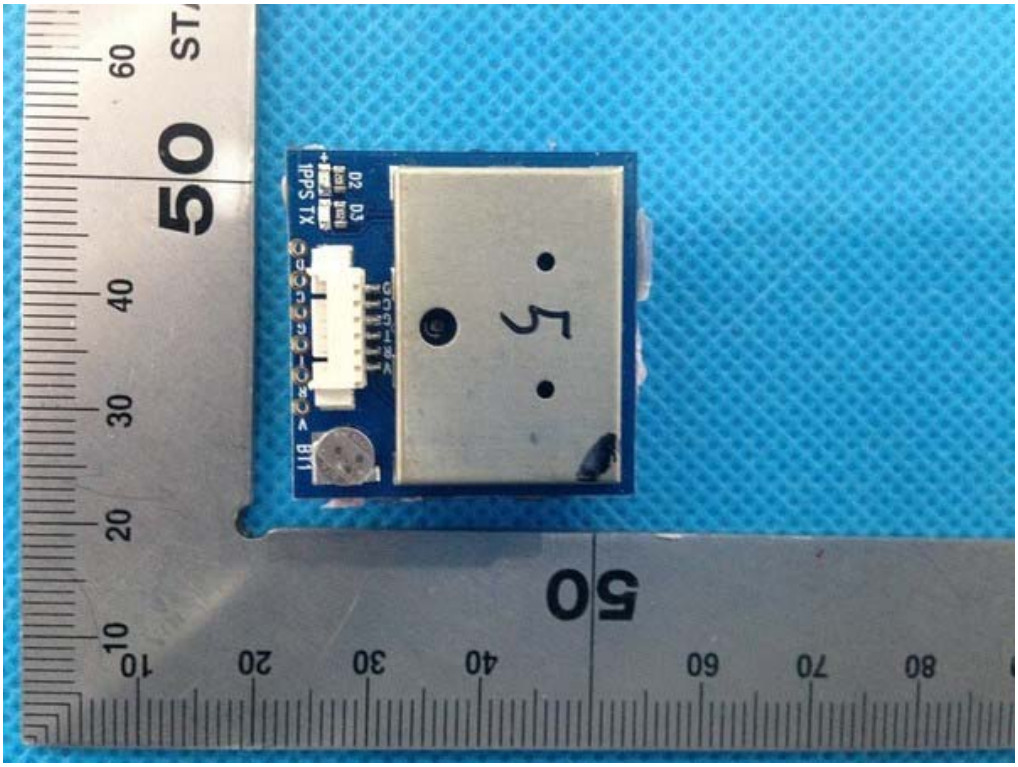


INTERNAL VIEW OF EUT-6

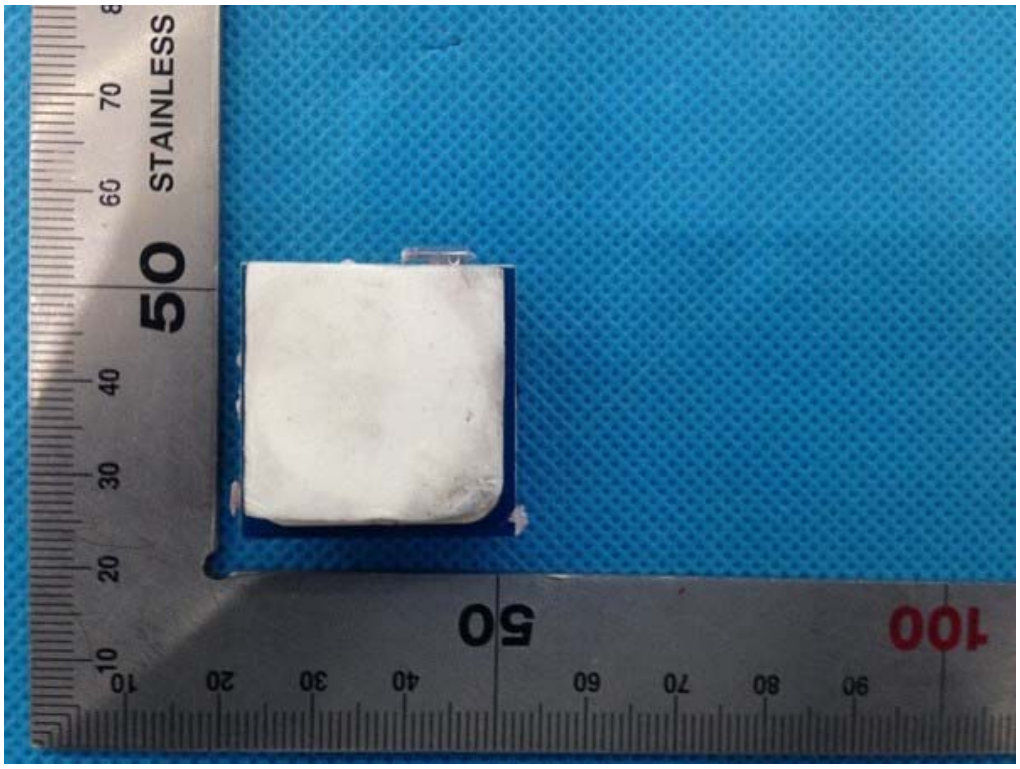


INTERNAL VIEW OF EUT-7

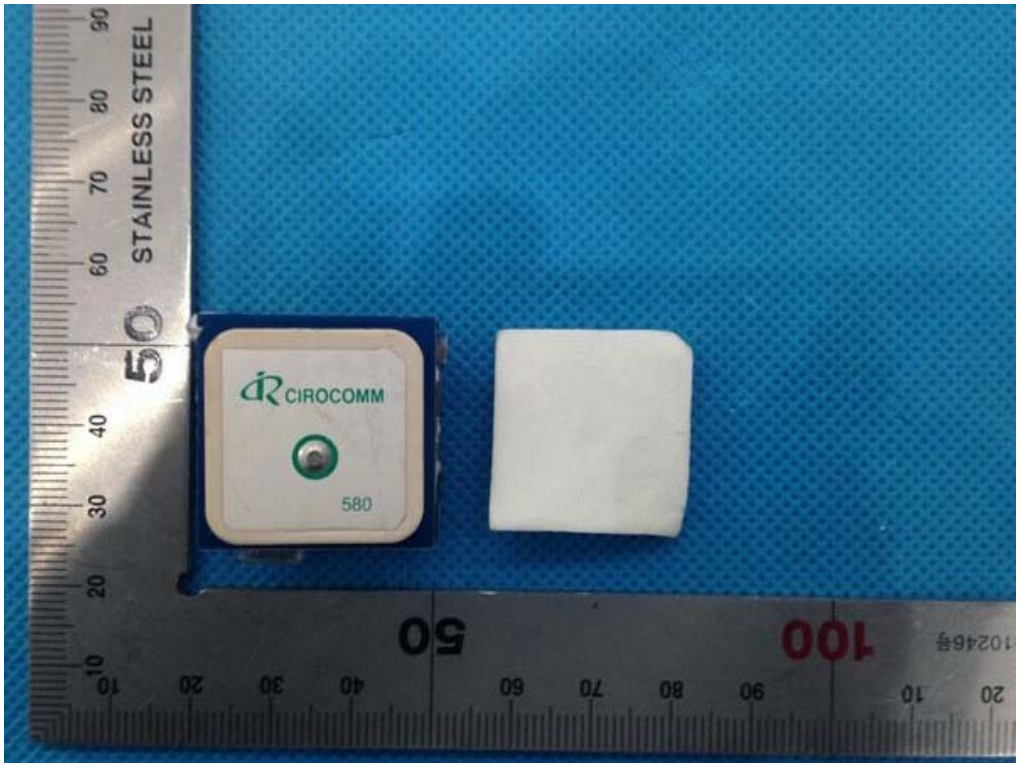
INTERNAL VIEW OF EUT-8



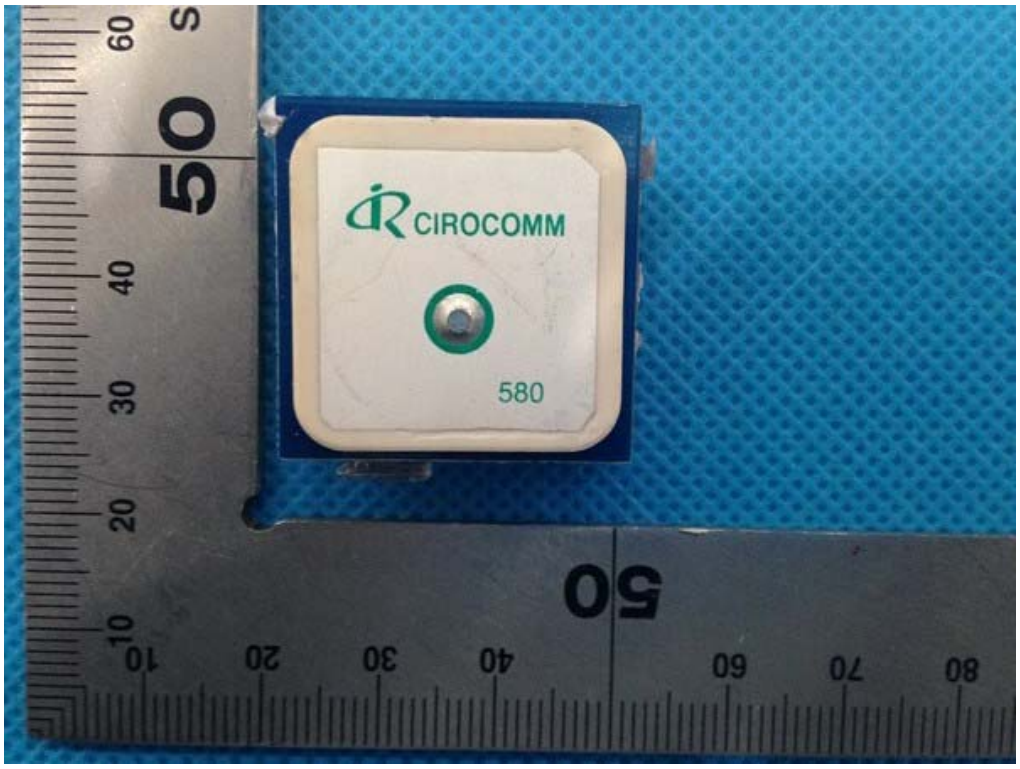
INTERNAL VIEW OF EUT-9



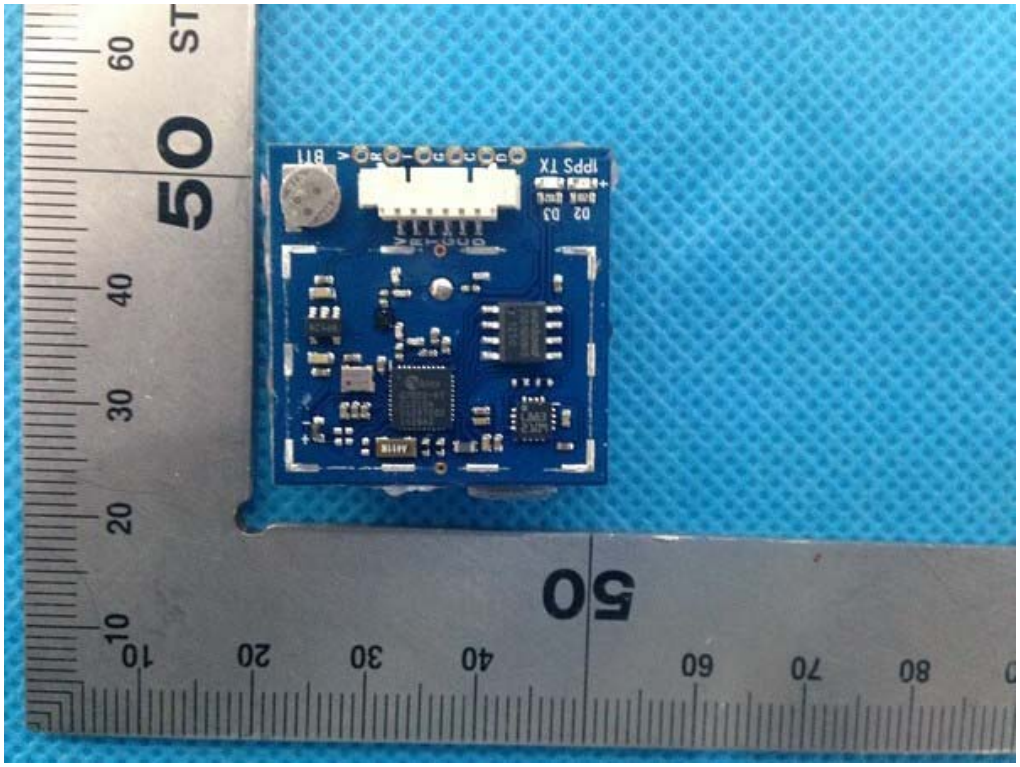
INTERNAL VIEW OF EUT-10



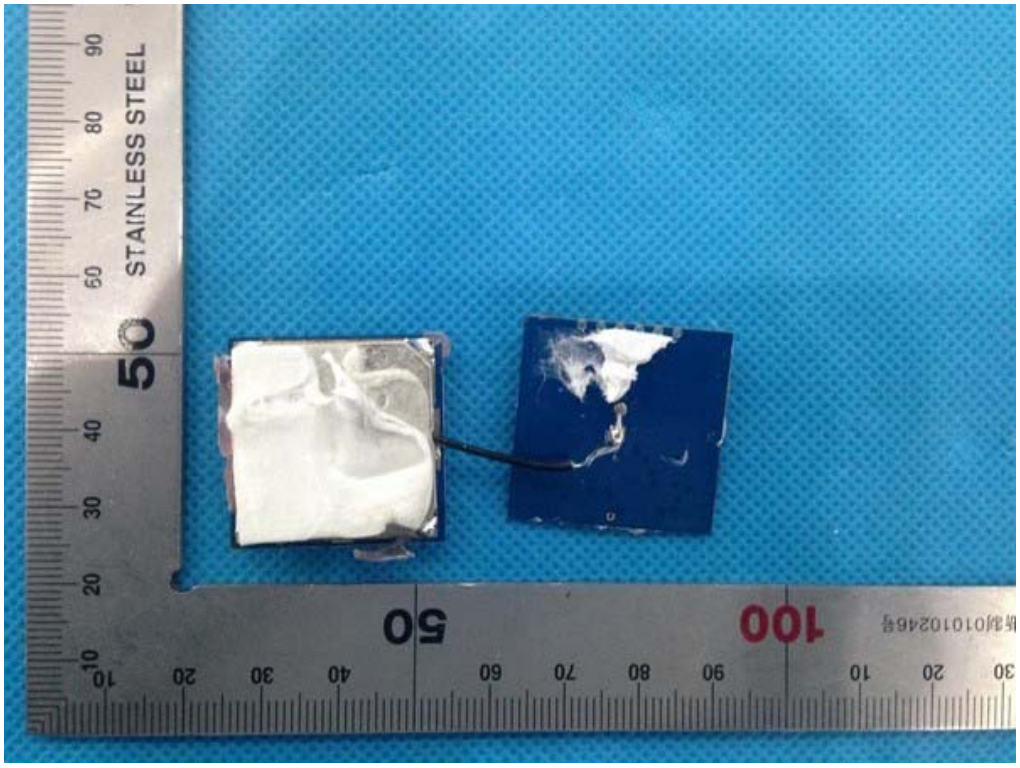
INTERNAL VIEW OF EUT-11



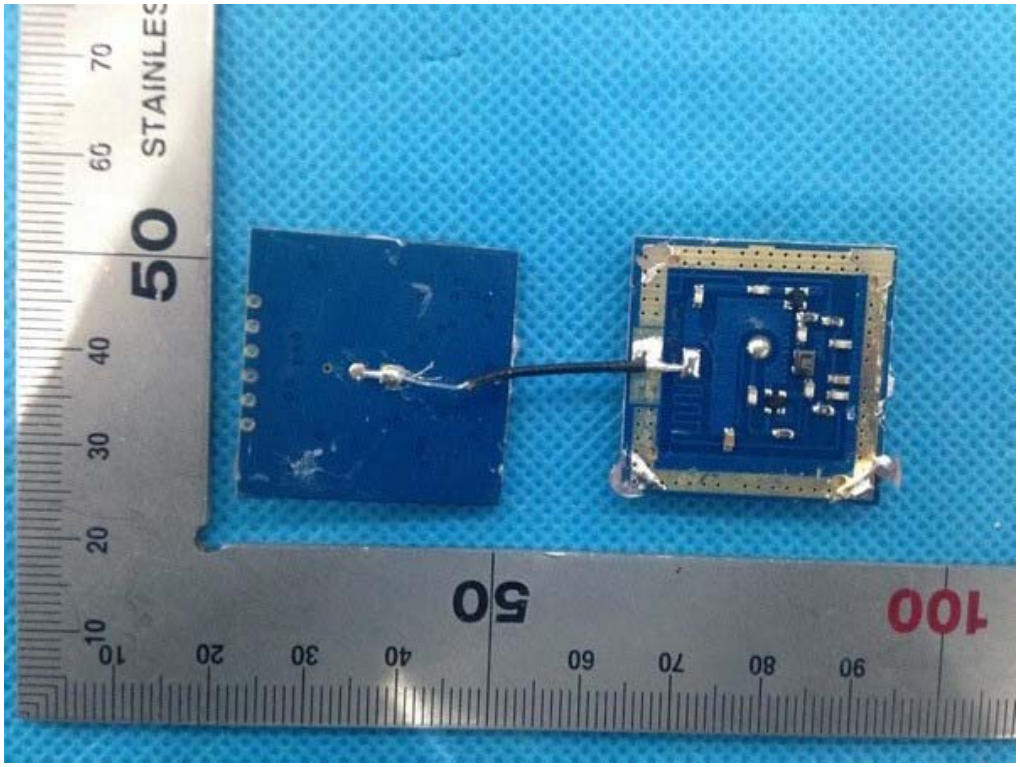
INTERNAL VIEW OF EUT-12



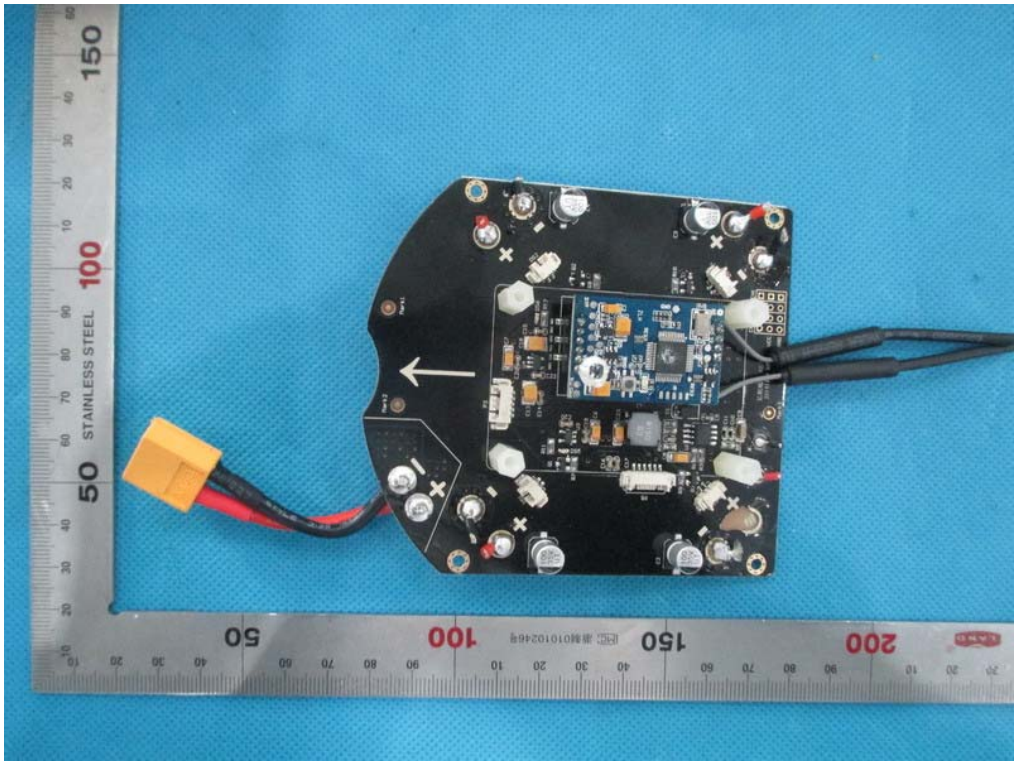
INTERNAL VIEW OF EUT-13



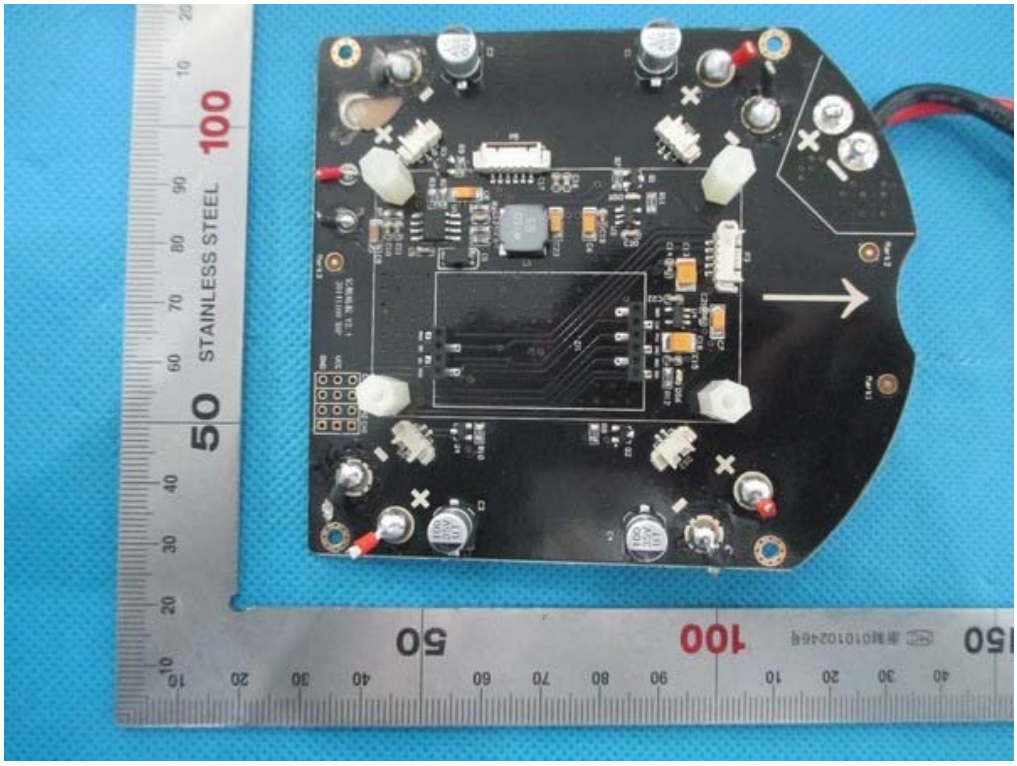
INTERNAL VIEW OF EUT-14



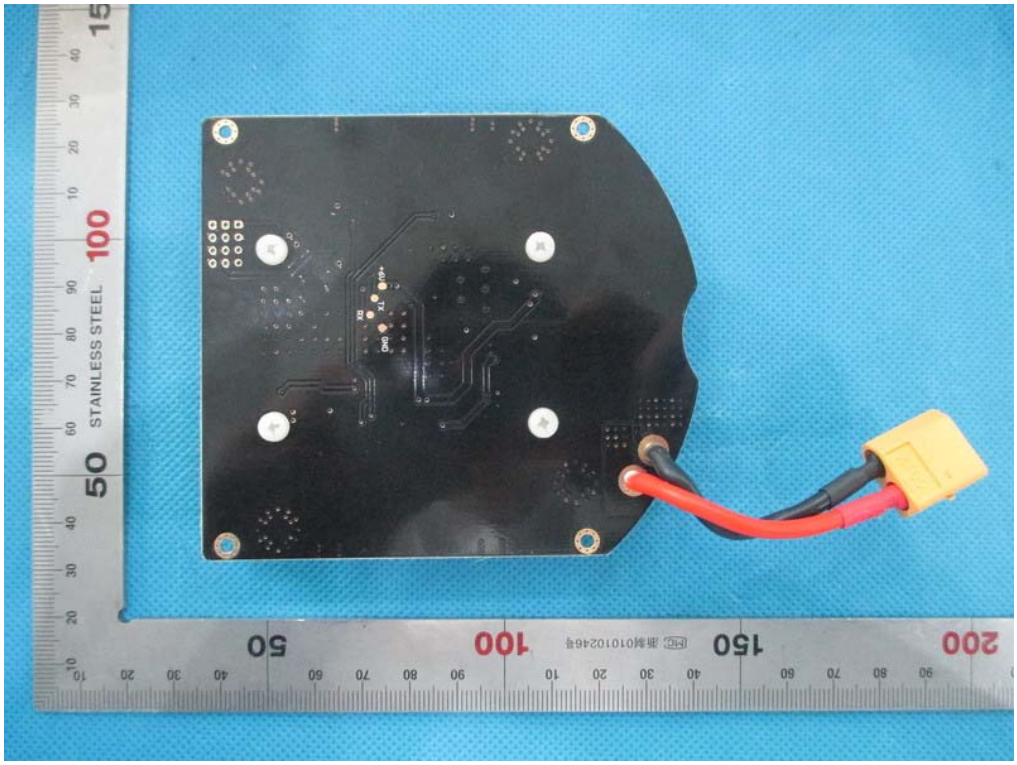
INTERNAL VIEW OF EUT-15



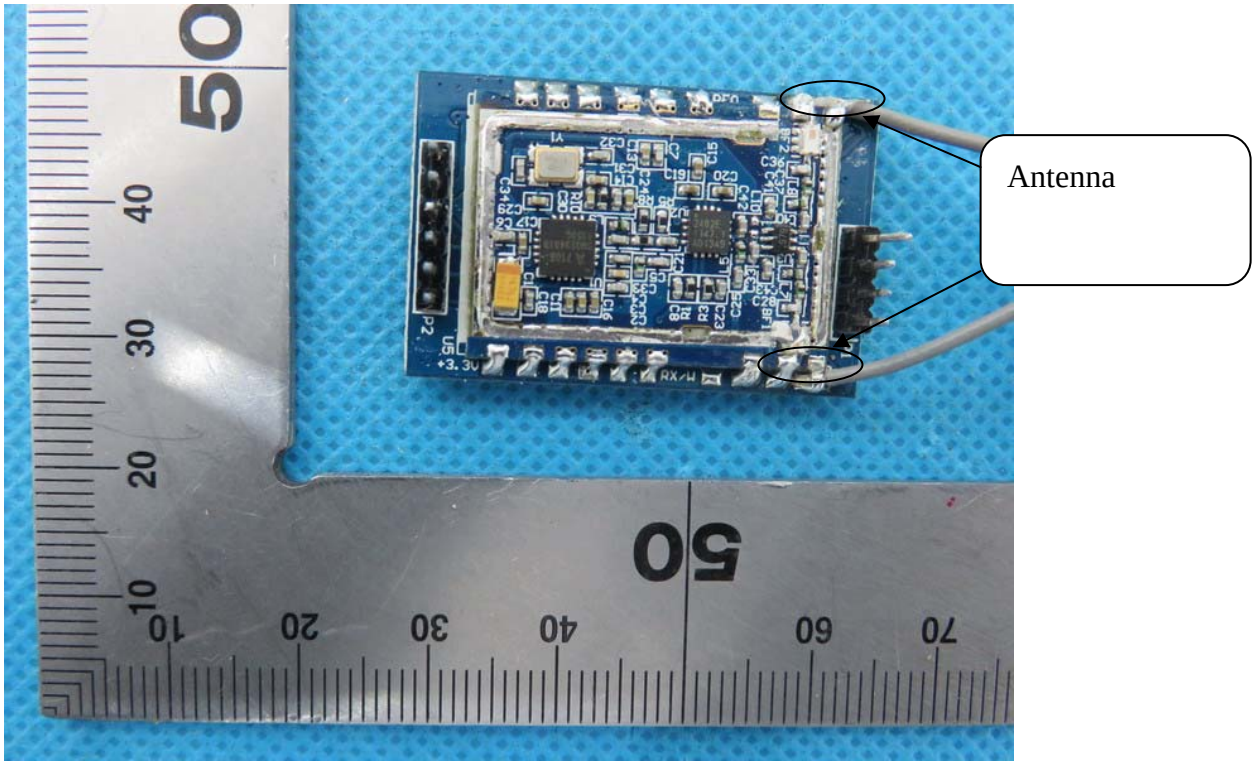
INTERNAL VIEW OF EUT-16



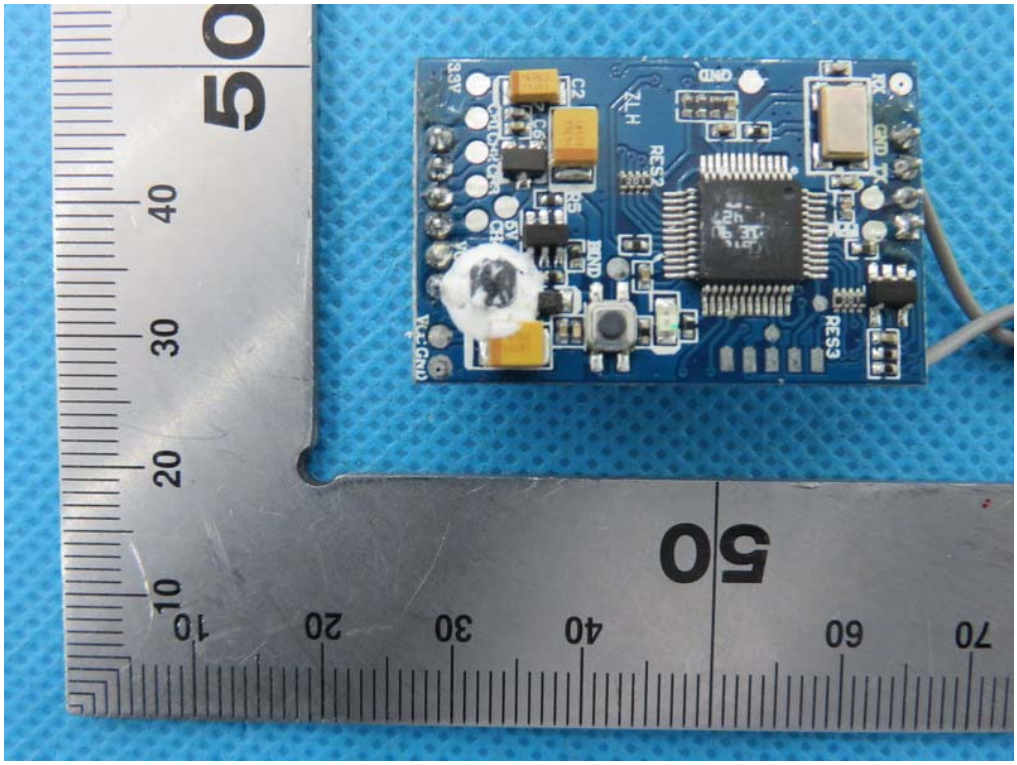
INTERNAL VIEW OF EUT-17



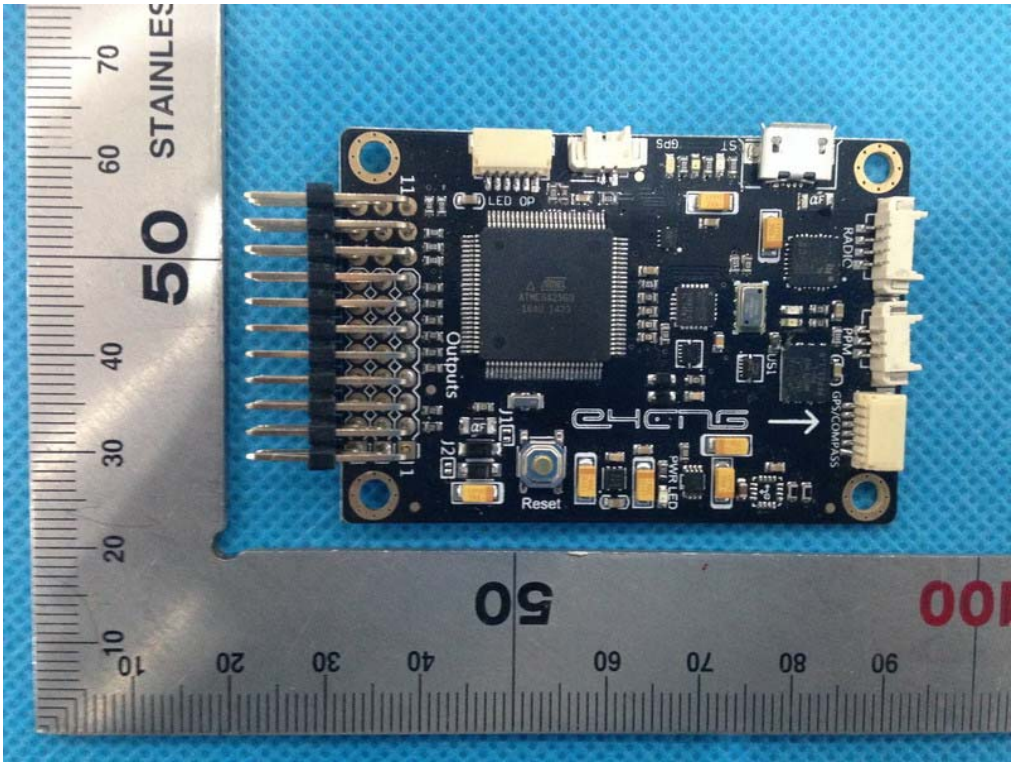
INTERNAL VIEW OF EUT-18



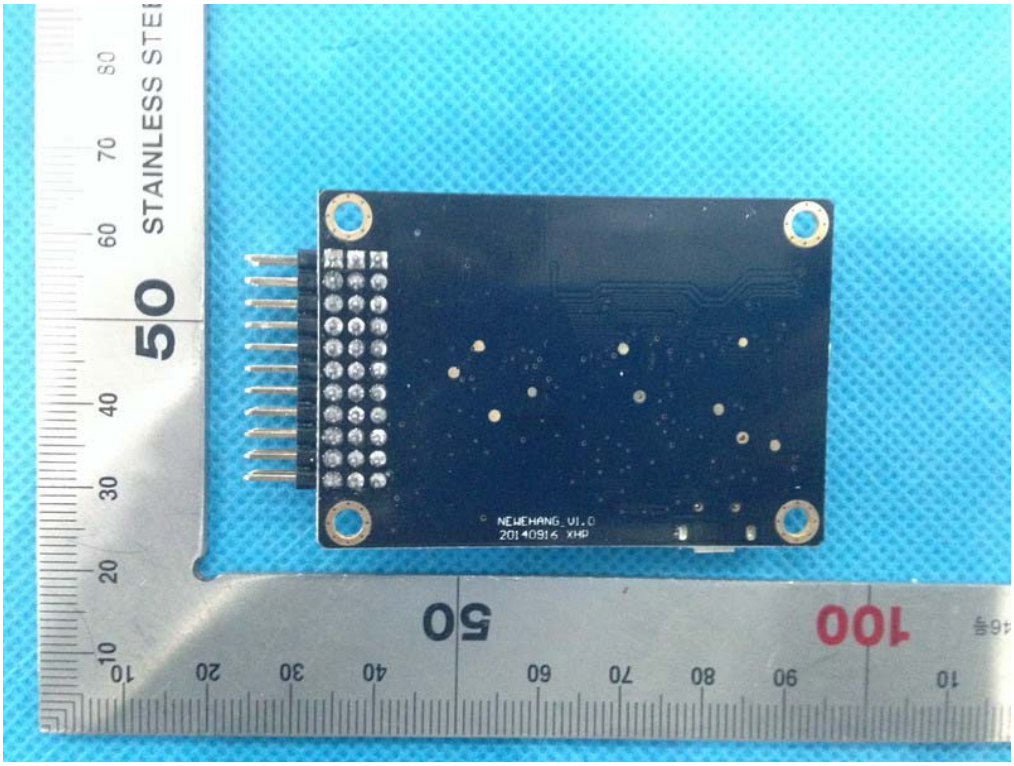
INTERNAL VIEW OF EUT-19



INTERNAL VIEW OF EUT-20



INTERNAL VIEW OF EUT-21



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