

Test Report Number:	LCZE15050053			Total Page(s): 25			
Applicant Name:	Techboy(Zhong S	Techboy(Zhong Shan)Electronic Technology Co., Ltd.					
Applicant Address:	Yongfeng Industri Guangdong Provi		Town, Zhongs	han City,			
Test item:	rc flying items						
Model / Type Reference:	98090+, 98106+,	98007+, 98083+,	, 32052, 32038	, 90598			
FCC ID:	YGZ-98090						
Date of Issue:	2015-6-11						
Testing Laboratory:	Global United Tec	hnology Services	s Co., Ltd.				
		Address: 2nd Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China					
Test Specification:	FCC CFR Title 47	Part 15 Subpart	C Section 15.2	247:2014			
Test Result:	Passed						
Compiled by:		Reviewed by:					
2015-6-11 Joe Zhou <	Joe Zhou	2015-6-11	Gordon Xie	Gordon Vie			
Date Name	e Signature	Date	Name	Signature			
Remark:							
N/A							
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permission of the testing laboratory. This report contains the result of the examination of the product sample submitted by the applicant. A general statement concerning the quality of the products from the series manufacture cannot be derived therefore.



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## 3 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)	Pass
Spurious emissions	15.249 (a) (d)/15.209	Pass
Band edge	15.249 (d)/15.205	Pass
20dB Occupied Bandwidth	15.215 (c)	Pass

Pass: The EUT complies with the essential requirements in the standard.

N/A: Not applicable

Remark: Test according to ANSI C63.4:2009 and ANSI C63.10:2009.

## 3.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.45dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.



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### 4 General Information

### 4.1 Client Information

Applicant:	Techboy(Zhong Shan)Electronic Technology Co., Ltd.	
Address of Applicant:	Yongfeng Industrial Area, Henglan Town, Zhongshan City, Guangdong Province, China	
Manufacturer:	Techboy(Zhong Shan)Electronic Technology Co., Ltd.	
Address of Manufacturer:	Yongfeng Industrial Area, Henglan Town, Zhongshan City, Guangdong Province, China	

### 4.2 General Description of EUT

rc flying items			
98090+, 98106+, 98007+, 98083+, 32052, 32038, 90598			
98090+			
identical in the same PCB layout, interior structure and electrical circuits.			
2421MHz~2472MHz			
52			
1MHz			
GFSK			
Integral antenna			
1.5dBi (declare by Applicant)			
DC 6.0V (4 x 1.5V AA size battery)			



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Operation Frequency each of channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2421.00	14	2434.00	27	2447.00	40	2460.00
2	2422.00	15	2435.00	28	2448.00	41	2461.00
• !	. !	• !	• !	• :	• !	• !	•
12	2432.00	25	2445.00	38	2458.00	51	2471.00
13	2433.00	26	2446.00	39	2459.00	52	2472.00

#### Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2421MHz
The middle channel	2446MHz
The Highest channel	2472MHz



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#### 4.3 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode
Remark: During the test, the new battery was used.	

#### Per-test mode.

We have verified the construction and function in typical operation. The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

Axis	Х	Y	Z
Field Strength(dBuV/m)	90.56	91.93	89.68

#### 4.4 Description of Support Units

None

#### 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### CNAS —Registration No.: CNAS L5775

CNAS has accredited Global United Technology Services Co., Ltd. To ISO/IEC 17025 General Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

#### • FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, June 28, 2013.

### • Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, June 26, 2013.

#### 4.6 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: Room 301-309, 3th Floor, Block A, Huafeng Jinyuan Business Building, No. 300 Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, China

Tel: 0755-27798480 Fax: 0755-27798960

#### 4.7 Other Information Requested by the Customer

Fax:+86-760-22833399

None.

http://www.lccert.com



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### 5 Test Instruments list

Rad	Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Mar. 28 2015	Mar. 27 2016	
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A	
3	Spectrum Analyzer	Agilent	E4440A	GTS533	Jul. 01 2014	Jun 30 2015	
4	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Jul. 01 2014	Jun 30 2015	
5	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	Jul. 01 2014	Jun 30 2015	
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 27 2014	June 26 2015	
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	Mar. 27 2015	Mar. 26 2016	
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
9	Coaxial Cable	GTS	N/A	GTS213	Mar. 28 2015	Mar. 27 2016	
10	Coaxial Cable	GTS	N/A	GTS211	Mar. 28 2015	Mar. 27 2016	
11	Coaxial cable	GTS	N/A	GTS210	Mar. 28 2015	Mar. 27 2016	
12	Coaxial Cable	GTS	N/A	GTS212	Mar. 28 2015	Mar. 27 2016	
13	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	Jul. 01 2014	Jun. 30, 2015	
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	Jul. 01 2014	Jun. 30, 2015	
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 27 2014	June 26 2015	
16	Band filter	Amindeon	82346	GTS219	Mar. 28 2015	Mar. 27 2016	

Gen	General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory	Cal.Date	Cal.Due date	
	• •			No.	(mm-dd-yy)	(mm-dd-yy)	
1	Barometer	ChangChun	DYM3	GTS257	July 08 2014	July 07 2015	



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### 6 Test results and Measurement Data

### 6.1 Antenna requirement

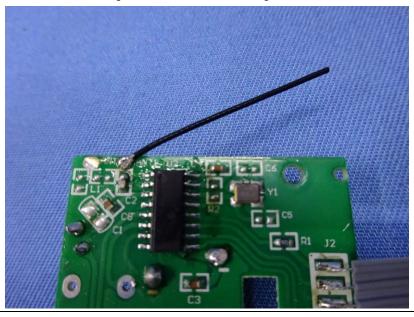
Standard requirement: FCC Part15 C Section 15.203

#### 15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### **EUT Antenna:**

The antenna is Integral antenna, the best case gain of the antenna is 1.5dBi





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### 6.2 Radiated Emission Method

6.2	Radiated Emission Me	wethod					
	Test Requirement:	FCC Part15 C S	FCC Part15 C Section 15.209				
	Test Method:	ANSI C63.10:20	009				
	Test Frequency Range:	30MHz to 25GH	Ηz				
	Test site:	Measurement D	Distance: 3m				
	Receiver setup:	Frequency	Detector	RBW	VBW	Remark	
		30MHz- 1GHz	Quasi-pea	k 120KHz	300KHz	Quasi-peak Value	
		Above 1CHz	Peak	1MHz	3MHz	Peak Value	
		Above 1GHz	Peak	1MHz	10Hz	Average Value	
	Limit:	Freque	ency	Limit (dBuV	/m @3m)	Remark	
	(Field strength of the fundamental signal)	2400MHz-24	483.5MHz	94.0	00	Average Value	
	Limit:	Freque	ency	Limit (dBuV	/m @3m)	Remark	
	(Spurious Emissions)	30MHz-8		40.0		Quasi-peak Value	
	,	88MHz-2		43.5		Quasi-peak Value	
		216MHz-9 960MHz-		46.00		Quasi-peak Value	
		960101112-	- IGHZ	54.00 54.00		Quasi-peak Value Average Value	
		Above 1	1GHz	74.0		Peak Value	
	Limit: (band edge)	harmonics, sha	Il be attenuat to the genera	ed by at least al radiated em	50 dB belo	bands, except for w the level of the s in Section 15.209,	
	Test setup:	Below 1GHz	→ 3m ← 4m	UALIOII.	Sea Anto	arch eenna	



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	Antenna Tower  Horn Antenna  Spectrum Analyzer  Turn Table  Amplifier
Test Procedure:	The EUT was placed on the top of a rotating table 0.8m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
	3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
	The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

#### Measurement data:

Remark: All of the X axis, Y axis, Z axis were tested, and found the Y axis was the worst case. So only the worst case was shown in the report



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### 6.2.1 Field Strength of The Fundamental Signal

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2421.00	89.90	27.54	5.41	33.97	88.88	114.00	-25.12	Vertical
2421.00	91.95	27.54	5.41	33.97	90.93	114.00	-23.07	Horizontal
2446.00	92.98	27.48	5.43	33.96	91.93	114.00	-22.07	Vertical
2446.00	91.63	27.48	5.43	33.96	90.58	114.00	-23.42	Horizontal
2472.00	92.32	27.50	5.46	33.92	91.36	114.00	-22.64	Vertical
2472.00	91.43	27.50	5.46	33.92	90.47	114.00	-23.53	Horizontal

#### Average value:

Attorings value.								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2421.00	80.86	27.54	5.41	33.97	79.84	94.00	-14.16	Vertical
2421.00	82.90	27.54	5.41	33.97	81.88	94.00	-12.12	Horizontal
2446.00	83.00	27.48	5.43	33.96	81.95	94.00	-12.05	Vertical
2446.00	81.76	27.48	5.43	33.96	80.71	94.00	-13.29	Horizontal
2472.00	80.96	27.50	5.46	33.92	80.00	94.00	-14.00	Vertical
2472.00	79.99	27.50	5.46	33.92	79.03	94.00	-14.97	Horizontal

Remark: RBW 3MHz, VBW 10MHz, peak detector for PK value, RBW 3MHz, VBW 10MHz AV detector for AV value



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### 6.2.2 Spurious emissions

#### ■ Below 1GHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
36.77	32.37	14.77	0.63	30.06	17.71	40.00	-22.29	Vertical
54.26	28.12	15.05	0.81	29.96	14.02	40.00	-25.98	Vertical
129.02	28.74	11.12	1.43	29.52	11.77	43.50	-31.73	Vertical
354.18	25.20	16.33	2.64	29.72	14.45	46.00	-31.55	Vertical
642.86	24.83	20.61	3.88	29.26	20.06	46.00	-25.94	Vertical
982.62	24.46	23.62	5.16	29.10	24.14	54.00	-29.86	Vertical
36.77	27.16	14.77	0.63	30.06	12.50	40.00	-27.50	Horizontal
54.84	27.04	15.02	0.82	29.96	12.92	40.00	-27.08	Horizontal
132.69	30.23	10.72	1.45	29.50	12.90	43.50	-30.60	Horizontal
216.02	29.70	13.07	1.93	29.36	15.34	46.00	-30.66	Horizontal
372.01	27.35	16.53	2.72	29.63	16.97	46.00	-29.03	Horizontal
612.06	25.61	20.50	3.76	29.29	20.58	46.00	-25.42	Horizontal



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#### Above 1GHz

Test channel:	Lowest channel
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#### Peak value:

i eak value.								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4842.00	44.33	31.82	8.63	32.11	52.67	74.00	-21.33	Vertical
7263.00	32.45	35.81	11.58	32.12	47.72	74.00	-26.28	Vertical
9684.00	31.58	37.85	14.10	31.68	51.85	74.00	-22.15	Vertical
12105.00	*					74.00		Vertical
14526.00	*					74.00		Vertical
4842.00	48.48	31.82	8.63	32.11	56.82	74.00	-17.18	Horizontal
7263.00	35.74	35.81	11.58	32.12	51.01	74.00	-22.99	Horizontal
9684.00	31.41	37.85	14.10	31.68	51.68	74.00	-22.32	Horizontal
12105.00	*					74.00		Horizontal
14526.00	*					74.00		Horizontal

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4842.00	24.89	31.82	8.63	32.11	33.23	54.00	-20.77	Vertical
7263.00	19.68	35.81	11.58	32.12	34.95	54.00	-19.05	Vertical
9684.00	18.86	37.85	14.10	31.68	39.13	54.00	-14.87	Vertical
12105.00	*					54.00		Vertical
14526.00	*					54.00		Vertical
4842.00	28.95	31.82	8.63	32.11	37.29	54.00	-16.71	Horizontal
7263.00	21.76	35.81	11.58	32.12	37.03	54.00	-16.97	Horizontal
9684.00	18.46	37.85	14.10	31.68	38.73	54.00	-15.27	Horizontal
12105.00	*					54.00		Horizontal
14526.00	*					54.00		Horizontal

### Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.



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Test channel:	Middle
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#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4892.00	40.80	31.86	8.67	32.13	49.20	74.00	-24.80	Vertical
7338.00	32.50	36.41	11.74	31.88	48.77	74.00	-25.23	Vertical
9784.00	30.82	38.13	14.21	31.52	51.64	74.00	-22.36	Vertical
12230.00	*					74.00		Vertical
14676.00	*					74.00		Vertical
4892.00	43.37	31.86	8.67	32.13	51.77	74.00	-22.23	Horizontal
7338.00	34.88	36.41	11.74	31.88	51.15	74.00	-22.85	Horizontal
9784.00	31.39	38.13	14.21	31.52	52.21	74.00	-21.79	Horizontal
12230.00	*					74.00		Horizontal
14676.00	*					74.00		Horizontal

### Average value:

Avoidgo valuo.								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4892.00	23.64	31.86	8.67	32.13	32.04	54.00	-21.96	Vertical
7338.00	18.84	36.41	11.74	31.88	35.11	54.00	-18.89	Vertical
9784.00	18.10	38.13	14.21	31.52	38.92	54.00	-15.08	Vertical
12230.00	*					54.00		Vertical
14676.00	*					54.00		Vertical
4892.00	27.53	31.86	8.67	32.13	35.93	54.00	-18.07	Horizontal
7338.00	20.81	36.41	11.74	31.88	37.08	54.00	-16.92	Horizontal
9784.00	17.58	38.13	14.21	31.52	38.40	54.00	-15.60	Horizontal
12230.00	*					54.00		Horizontal
14676.00	*					54.00		Horizontal

#### Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.



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Test channel:	Highest
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#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4944.00	41.65	31.91	8.71	32.16	50.11	74.00	-23.89	Vertical
7416.00	31.87	36.24	11.69	31.96	47.84	74.00	-26.16	Vertical
9888.00	31.58	38.20	14.23	31.53	52.48	74.00	-21.52	Vertical
12360.00	*					74.00		Vertical
14832.00	*					74.00		Vertical
4944.00	45.45	31.91	8.71	32.16	53.91	74.00	-20.09	Horizontal
7416.00	33.74	36.24	11.69	31.96	49.71	74.00	-24.29	Horizontal
9888.00	32.84	38.20	14.23	31.53	53.74	74.00	-20.26	Horizontal
12360.00	*					74.00		Horizontal
14832.00	*					74.00		Horizontal

#### Average value:

Average var								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4944.00	24.25	31.91	8.71	32.16	32.71	54.00	-21.29	Vertical
7416.00	19.25	36.24	11.69	31.96	35.22	54.00	-18.78	Vertical
9888.00	18.47	38.20	14.23	31.53	39.37	54.00	-14.63	Vertical
12360.00	*					54.00		Vertical
14832.00	*					54.00		Vertical
4944.00	28.22	31.91	8.71	32.16	36.68	54.00	-17.32	Horizontal
7416.00	21.27	36.24	11.69	31.96	37.24	54.00	-16.76	Horizontal
9888.00	18.01	38.20	14.23	31.53	38.91	54.00	-15.09	Horizontal
12360.00	*					54.00		Horizontal
14832.00	*					54.00		Horizontal

#### Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "\*", means this data is the too weak instrument of signal is unable to test.
- 3. The emission levels of other frequencies are very lower than the limit and not show in test report.



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### 6.2.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

Test channel:					rest channel			
Peak value:	Peak value:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	42.03	27.59	5.38	30.18	44.82	74.00	-29.18	Horizontal
2400.00	44.07	27.58	5.39	30.18	46.86	74.00	-27.14	Horizontal
2390.00	42.50	27.59	5.38	30.18	45.29	74.00	-28.71	Vertical
2400.00	43.40	27.58	5.39	30.18	46.19	74.00	-27.81	Vertical
Average va	lue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	32.77	27.59	5.38	30.18	35.56	54.00	-18.44	Horizontal
2400.00	34.28	27.58	5.39	30.18	37.07	54.00	-16.93	Horizontal
2390.00	32.66	27.59	5.38	30.18	35.45	54.00	-18.55	Vertical
2400.00	33.56	27.58	5.39	30.18	36.35	54.00	-17.65	Vertical

Test channel: Highest channel
-------------------------------

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	44.04	27.53	5.47	29.93	47.11	74.00	-26.89	Horizontal
2500.00	43.37	27.55	5.49	29.93	46.48	74.00	-27.52	Horizontal
2483.50	44.74	27.53	5.47	29.93	47.81	74.00	-26.19	Vertical
2500.00	44.29	27.55	5.49	29.93	47.40	74.00	-26.60	Vertical

### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	35.59	27.53	5.47	29.93	38.66	54.00	-15.34	Horizontal
2500.00	33.71	27.55	5.49	29.93	36.82	54.00	-17.18	Horizontal
2483.50	36.73	27.53	5.47	29.93	39.80	54.00	-14.20	Vertical
2500.00	33.57	27.55	5.49	29.93	36.68	54.00	-17.32	Vertical

#### Remark:

Tel:+86-760-22833366

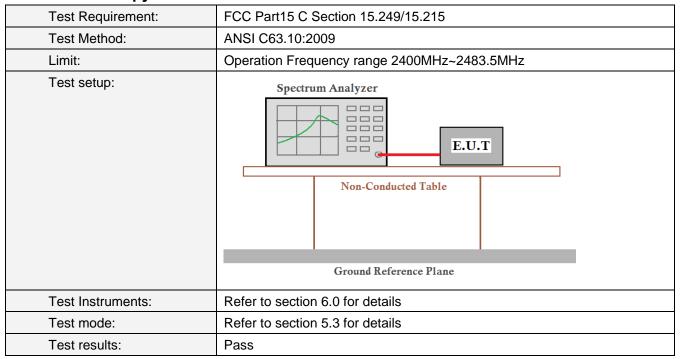
Fax:+86-760-22833399 E-mail:Service@lccert.com <a href="http://www.lccert.com">http://www.lccert.com</a>

<sup>1.</sup> Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor



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## 6.3 20dB Occupy Bandwidth



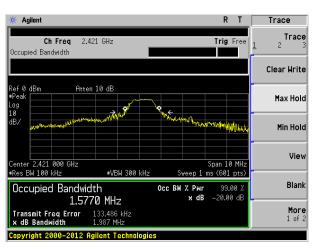
#### **Measurement Data**

	Test channel	20dB bandwidth(MHz)	Result
	Lowest	1.987	Pass
Ī	Middle	2.726	Pass
ĺ	Highest	2.006	Pass

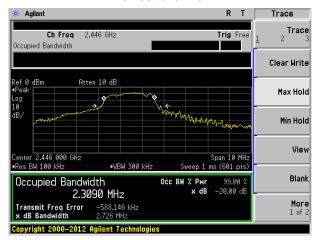
Test plot as follows:



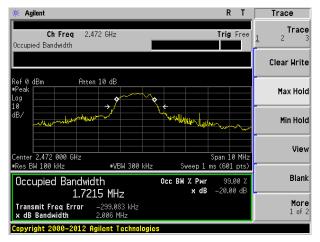
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#### Lowest channel



Middle channel



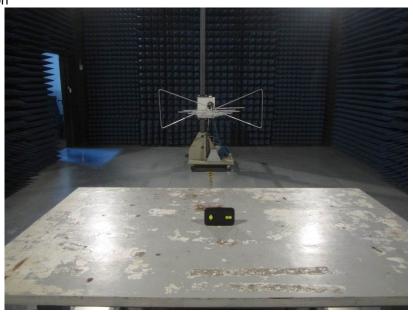
Highest channel

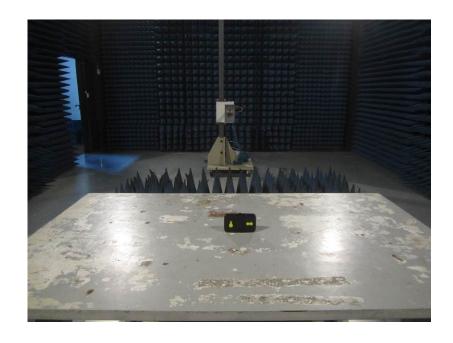


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# 7 Test Setup Photo

Radiated Emission







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## 8 EUT Constructional Details







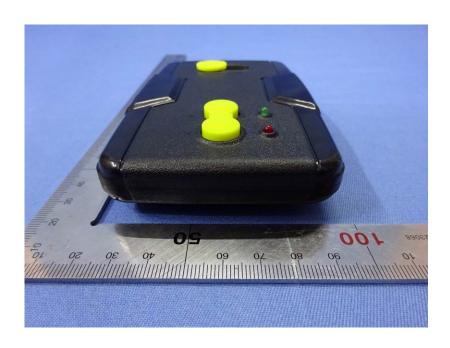
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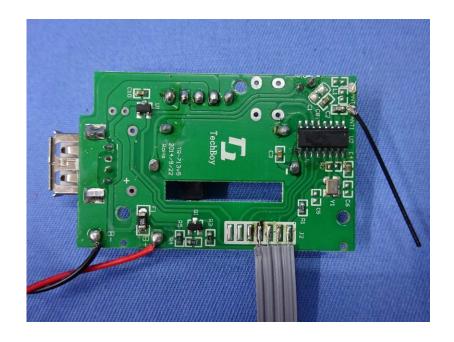






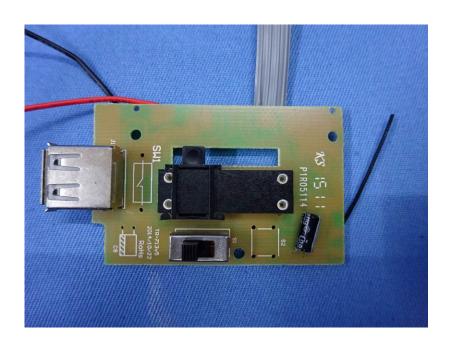
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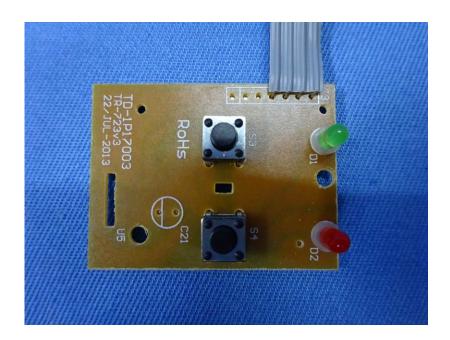






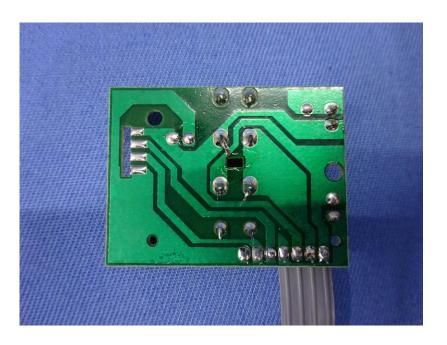
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