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Lung Chi

FCC PART 15 SUBPART C TEST REPORT

FCC Part 15.249

Report Reference No...... CTL1409012201-WF02

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Name of the organization performing

the tests

Test Engineer Tracy Qi

(position+printed name+signature)..:

Approved by

(position+printed name+signature)..: Manager Tracy Qi

Date of issue...... Sept. 23, 2014

Test Firm...... Shenzhen CTL Testing Technology Co., Ltd.

Address...... Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road,

Nanshan, Shenzhen 518055 China.

Applicant's name.....iLike Electronics Co.,Ltd.

Longhua New District, Shenzhen, China

Test specification:

2483.5 MHz, 5725-5850 MHz and 24.0 - 24.25 GHz.

TRF Originator...... Shenzhen CTL Testing Technology Co., Ltd.

Master TRF...... Dated 2011-01

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Test item description: Bluetooth headphone

Trade Mark: N/A

Models/Type reference..... BM-870

Modulation: GFSK

Work Frequency...... 2402 MHz~2480 MHz

Antenna Type..... internal

FCC ID 2AAHXBM-870

Result..... Positive

TEST REPORT

Test Report No. :	CTL1409012201-WF02	Sept. 23, 2014
rest Report No	G1L1403012201-W1 02	Date of issue

Equipment under Test : Bluetooth headphone

Model /Type : BM-870

Applicant : iLike Electronics Co.,Ltd.

Address : Industrial Areas of Ai Li Ji, Ju Ling old village, Dashuikeng,

Guanlan, Longhua New District, Shenzhen, China

Manufacturer iLike Electronics Co.,Ltd.

Address Industrial Areas of Ai Li Ji, Ju Ling old village, Dashuikeng,

Guanlan, Longhua New District, Shenzhen, China

Test Result according to the standards on page 4:	Positive
---	----------

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. TEST STANDARDS

The tests were performed according to following standards:

FCC Rules Part 15.249: Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz, 5725 - 5875 MHz, and 24.0 - 24.25 GHz.

ANSI C63.4-2009



2. SUMMARY

2.1. General Remarks

Date of receipt of test sample : Sept. 10, 2014

Testing commenced on : Sept. 10, 2014

Testing concluded on : Sept. 24, 2014

2.2. Equipment Under Test

Power supply system utilised

Power supply voltage : ■ 120V / 60 Hz o 115V / 60Hz

o 12 V DC o 24 V DC

Other (specified in blank below)

DC 3.7V from battery

2.3. Short description of the Equipment under Test (EUT)

The EUT is a Bluetooth Speaker work at 2402~2480 MHz support Bluetooth 4.0 BLE. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
80	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

Modulation: GFSK

For more details, refer to the user's manual of the EUT.

Serial number: Prototype

2.4. EUT operation mode

Test Mode(TM)	Description	Remark
TM1	Bottom Channel Transmitting	/
TM2	Middle Channel Transmitting	/
TM3	Top Channel Transmitting	/
TM4	Charging and keeping tx	USB power by PC

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The field strength of radiation emission was measured in the following position: EUT stand-up position (Y axis), lie-down position (X, Z axis).

The following data show only with the worst case setup.

The worst case of Y axis was reported.

Based on client request, all normal using modes of the normal function were tested but only the worst test data of the worst mode is reported by this report.

2.5. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

o - supplied by the manufacturer

supplied by the lab

Notebook PC Manufacturer: DELL FCC DOC APPROVED Model No.: PP18L

2.6. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: 2AAHXBM-870 filing to comply with Section 15.249 of the FCC Part 15, Subpart C Rules.

Modifications

No modifications were implemented to meet testing criteria.



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3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Shenzhen CTL Testing Technology Co., Ltd. Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road, Nanshan, Shenzhen 518055 China

There is one 3m semi-anechoic chamber and two line conducted labs for final test. The Test Sites meet the requirements in documents ANSI C63.4 and CISPR 22/EN 55022 requirements.

3.2. Test Facility

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

IC Registration No.: 9618B

The 3m alternate test site of Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration No.: 9618B on November 13, 2013.

FCC-Registration No.: 970318

Shenzhen CTL Testing Technology Co., Ltd. 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 our files. Registration 970318, December 19, 2013.

3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

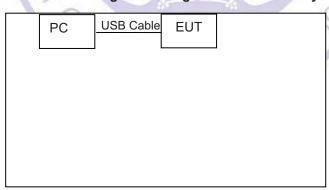
Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

3.4. Configuration of Tested System

Fig. 2-1 Configuration of Tested System



Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
USB Cable	1.2	Unshielded	Without Core

3.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen CTL Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for CTL laboratory is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.10dB	(1)
Radiated Emission	1~26.5GHz	4.32dB	(1)
Conducted Disturbance	0.15~30MHz	3.20dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



3.6. Equipments Used during the Test

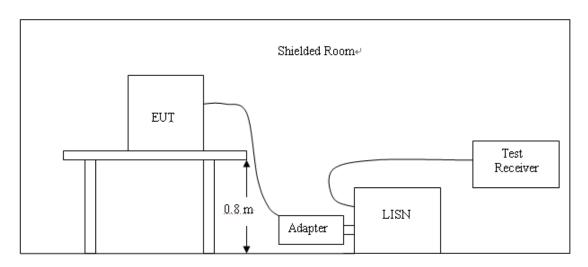
Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
Bilog Antenna	Sunol Sciences Corp.	JB1	A061713	2014/07/12	2015/07/11
EMI Test Receiver	R&S	ESCI	103710	2014/07/10	2015/07/09
Spectrum Analyzer	Agilent	E4407B	MY45108355	2014/07/06	2015/07/05
Controller	EM Electronics	Controller EM 1000	N/A	2014/07/06	2015/07/05
Horn Antenna	Sunol Sciences Corp.	DRH-118	A062013	2014/07/12	2015/07/11
Horn Antenna	SCHWARZBECK	BBHA9170	1562	2014/07/12	2015/07/11
Active Loop Antenna	SCHWARZBECK	FMZB1519	1519-037	2014/07/12	2015/07/11
LISN	R&S	ENV216	101316	2014/07/10	2015/07/09
LISN	SCHWARZBECK	NSLK8127	8127687	2014/07/10	2015/07/09
Microwave Preamplifier	HP to	8349B	3155A00882	2014/07/10	2015/07/09
Amplifier	HP	8447D	3113A07663	2014/07/10	2015/07/09
Transient Limiter	Com-Power	LIT-153	532226	2014/07/10	2015/07/09
Radio Communication Tester	R&S	CMU200	3655A03522	2014/07/06	2015/07/05
Temperature/Humidity Meter	zhicheng	ZC1-2	22522	2014/07/10	2015/07/09
SIGNAL GENERATOR	HP	8647A	3200A00852	2014/07/10	2015/07/09
Wideband Peak Power Meter	Anritsu	ML2495A	220.23.35	2014/07/06	2015/07/05
Climate Chamber	ESPEC	EL-10KA	A20120523	2014/07/06	2015/07/05
High-Pass Filter	K&L	9SH10- 2700/X12750 -O/O	1000	2014/07/06	2015/07/05
High-Pass Filter	K&L 703	41H10- 1375/U12750 -O/O	SCHI	2014/07/06	2015/07/05

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4. TEST CONDITIONS AND RESULTS

4.1. Conducted Emissions Test

TEST CONFIGURATION



TEST PROCEDURE

- 1 The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4.
- 2 Support equipment, if needed, was placed as per ANSI C63.4.
- 3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- 4 If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5 All support equipments received AC power from a second LISN, if any.
- 6 The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7 Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8 During the above scans, the emissions were maximized by cable manipulation.

The RBW/VBW for 150KHz to 30MHz: 9KHz

CONDUCTED POWER LINE EMISSION LIMIT

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following:

F	Maximum RF Line Voltage (dBμV)					
Frequency (MHz)	CLAS	SS A	CLASS B			
(111112)	Q.P.	Ave.	Q.P.	Ave.		
0.15 - 0.50	79	66	66-56*	56-46*		
0.50 - 5.00	73	60	56	46		
5.00 - 30.0	73	60	60	50		

^{*} Decreasing linearly with the logarithm of the frequency

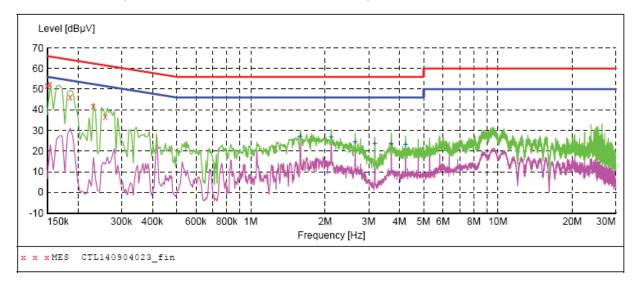
For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

TEST RESULTS

See next pages.



SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "CTL140904023_fin"

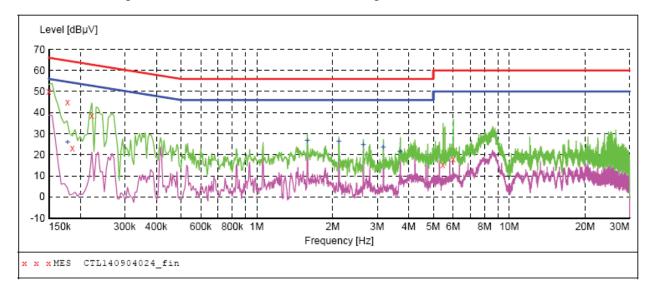
9	/4/2014 9:46	5AM						
	Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.150000	51.70	10.2	66	14.3	QP	N	GND
	0.154000	52.40	10.2	66	13.4	QP	N	GND
	0.186000	46.20	10.2	64	18.0	QP	N	GND
	0.230000	41.90	10.2	62	20.5	QP	N	GND
	0.258000	36.60	10.2	62	24.9	QP	N	GND

MEASUREMENT RESULT: "CTL140904023_fin2"

9/4/2014	9:46AM							
Freque	ency MHz	Level Tr dBµV	ansd I dB	imit Ma dBµV	argin dB	Detector	Line	PE
1.586	5000	27.20	10.3	46	18.8	AV	N	GND
2.114	1000	26.50	10.4	46	19.5	AV	N	GND
2.642	2000	24.40	10.4	46	21.6	AV	N	GND
3.176	5000	23.50	10.4	46	22.5	AV	N	GND
3.704	1000	23.70	10.4	46	22.3	AV	N	GND
4.232	2000	23.20	10.4	46	22.8	AV	N	GND

SCAN TABLE: "Voltage (9K-30M)FIN"

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "CTL140904024_fin"

9/4/2014	9:49AM						
Freque	-	vel Transo BuV dE		Margin dB	Detector	Line	PE
0.150	000 50	.20 10.2	66	15.8	QP	L1	GND
0.178	000 44	.70 10.2	65	19.9	QP	L1	GND
0.186	000 23	.20 10.2	64	41.0	QP	L1	GND
0.222	000 38	.50 10.2	63	24.2	QP	L1	GND
5.456	000 15	.10 10.4	60	44.9	QP	L1	GND
6.002	000 17	.80 10.4	. 60	42.2	QP	L1	GND

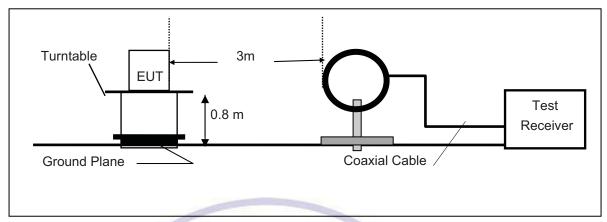
MEASUREMENT RESULT: "CTL140904024_fin2"

9/	4/2014 9:49 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.178000	25.90	10.2	55	28.7	AV	L1	GND
	1.586000	26.70	10.3	46	19.3	AV	L1	GND
	2.114000	26.20	10.4	46	19.8	AV	L1	GND
	2.642000	24.80	10.4	46	21.2	AV	L1	GND
	3.170000	23.50	10.4	46	22.5	AV	L1	GND
	3.698000	21.50	10.4	46	24.5	AV	L1	GND

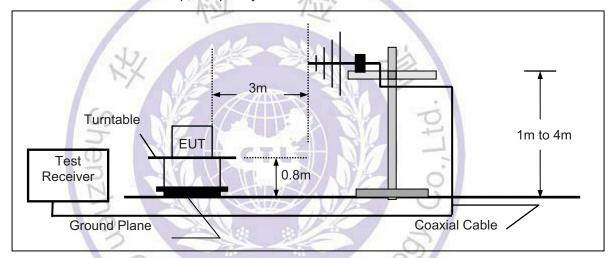
4.2. Radiated Emission Test

TEST CONFIGURATION

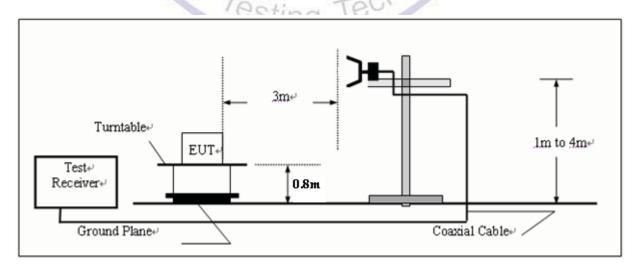
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency below 1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor(if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

RADIATION LIMIT

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance (Meters)	Radiated (dBµV/m)	Radiated (μV/m)
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

TEST PROCEDURE

- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.
- 7. Based on the Frequency Generator in the device include 26MHz. The test frequency range from 9KHz to 25GHz per FCC PART 15.33(a).

Note:

Three axes are chosen for pretest, the Y axis is the worst mode for final test. For battery operated equipment, the equipment tests shall be performed using a new battery.

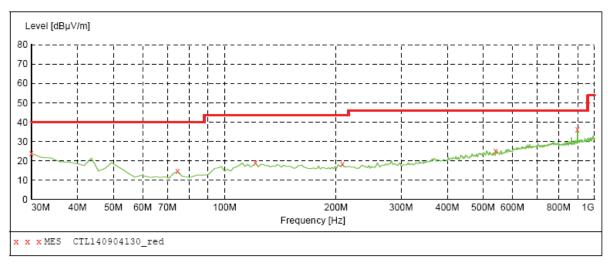
TEST RESULTS

All the test modes (TM1, TM2, TM3 and TM4) completed for test. The worst case of Radiated Emission is TM4; the test data of this mode was reported.

Below 1GHz Test Results:

SWEEP TABLE: "test (30M-1G)"

, Field Strength Short Description: Start Stop Detector Meas. ΙF Transducer Frequency Frequency Time Bandw. 30.0 MHz 1.0 GHz MaxPeak 300.0 ms 120 kHz JB1



MEASUREMENT RESULT: "CTL140904130_red"

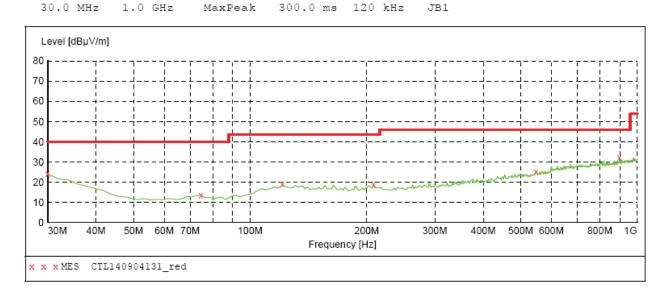
9/4/2014 1:58	3 PM							
Frequency MHz	Level dBµV/m		Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	23.80	21.1	40.0	16.2		0.0	0.00	VERTICAL
74.620000	14.50	8.5	40.0	25.5		0.0	0.00	VERTICAL
121.180000	19.00	15.1	43.5	24.5		0.0	0.00	VERTICAL
208.480000	18.30	14.3	43.5	25.2		0.0	0.00	VERTICAL
540.220000	25.20	20.8	46.0	20.8		0.0	0.00	VERTICAL
899.120000	36.20	26.1	46.0	9.8		0.0	0.00	VERTICAL

Remark:

- (1) Measuring frequencies from 9 KHz to the 1 GHz, Radiated emission test from 9KHz to 30MHz was verified, and no any emission was found except system noise floor.
- * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (3) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.

Short Description: Field Strength

Start Stop Detector Meas. IF Transducer Frequency Frequency Time Bandw.



MEASUREMENT RESULT: "CTL140904131 red"

9/4/	/2014	2:00PM
------	-------	--------

9/4/2014 2:00	PM							
Frequency MHz	Level dBµV/m		Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	24.10	21.1	40.0	15.9		0.0	0.00	HORIZONTAL
74.620000	13.50	8.5	40.0	26.5		0.0	0.00	HORIZONTAL
121.180000	18.90	15.1	43.5	24.6		0.0	0.00	HORIZONTAL
208.480000	18.60	14.3	43.5	24.9		0.0	0.00	HORIZONTAL
547.980000	25.20	21.0	46.0	20.8		0.0	0.00	HORIZONTAL
899.120000	32.20	26.1	46.0	13.8		0.0	0.00	HORIZONTAL

Remark:

- (1) Measuring frequencies from 9 KHz to the 1 GHz, Radiated emission test from 9KHz to 30MHz was verified, and no any emission was found except system noise floor.
- * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (3) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.

Above 1 GHz Test Results:

Freq. (MHz)	Ant.Pol. H/V	DetectorMode (PK/AV)	Reading (dBuV)	Ant./CL/ Amp. CF(dB)	Actual FS (dBuV/m)	Limit3m (dBuV/m)
2480	V	Peak	75.86	-3.30	72.56	113.98
2480	Н	Peak	70.94	-3.30	67.64	113.98
4960	V	Peak	48.87	3.90	52.77	74.00
4960	Н	Peak	43.99	3.90	47.89	74.00
7440	V					
7440	Н					
Others						

Freq.	Ant.Pol.	DetectorMode	Reading	Ant./CL/	Actual FS	Limit3m
(MHz)	H/V	(PK/AV)	(dBuV)	Amp. CF(dB)	(dBuV/m)	(dBuV/m)
2440	V	Peak	76.07	-3.40	72.67	113.98
2440	Н	Peak	70.74	-3.40	67.34	113.98
4880	V	Peak	49.26	3.70	52.96	74.00
4880	Н	Peak	44.03	3.70	47.73	74.00
7320	V					
7320	Н					
Others						

Freq.	Ant.Pol.	DetectorMode	Reading	Ant./CL/	Actual FS	Limit3m
(MHz)	H/V	(PK/AV)	(dBuV)	Amp. CF(dB)	(dBuV/m)	(dBuV/m)
2402		Peak	75.79	-3.30	72.49	113.98
2402	Н	Peak	71.13	-3.30	67.83	113.98
4804	V	Peak	48.64	3.50	52.14	74.00
4804	Н	Peak	44.68	3.50	48.18	74.00
7206	V					
7206	Н					
Others						

Remark:

- (1) Measuring frequencies from 1 GHz to the 25 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) Data of measurement within this frequency range shown "--- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 72.67dBuV/m(PK Value) <93.98(AV Limit), at harmonic 52.96 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.

Report No.: CTL1409012201-WF02

4.3. Band Edge Measurement

TEST CONFIGURATION

Same as Section 4.2

TEST PROCEDURE

The band edge compliance of RF radiated emission should be measured by following the guidance in ANSI C63.4 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW to 1 MHz and VBM to 3MHz to measure the peak field strength

LIMIT

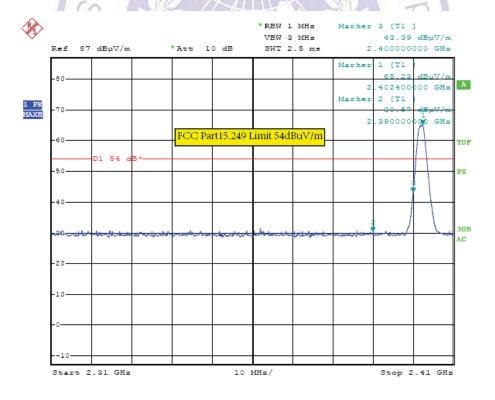
FCC PART 15.249(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

TEST RESULTS

Radiated Test:

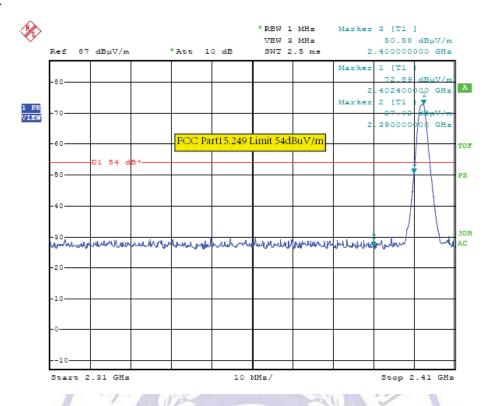
Operation Mode: TX on Bot Channel

Polarity: Hor.



Operation Mode: TX on Bot Channel

Polarity: Ver.



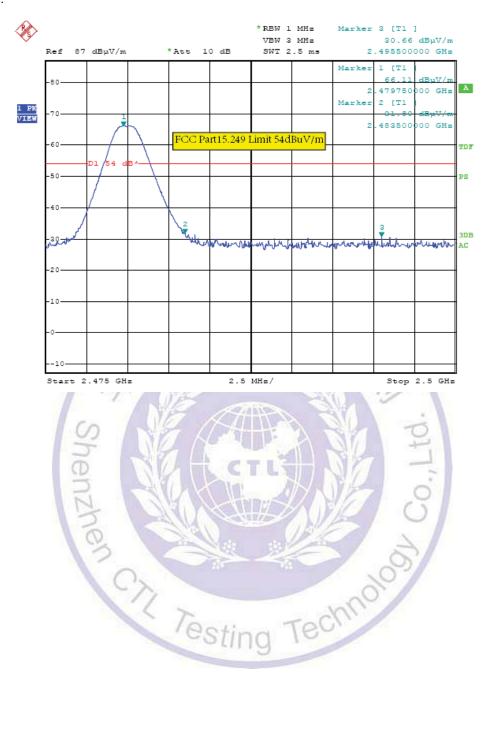
Note:

- 1. The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in Section 15.209.
- 2. The average measurement was not performed when the peak measured data under the limit of average detection.

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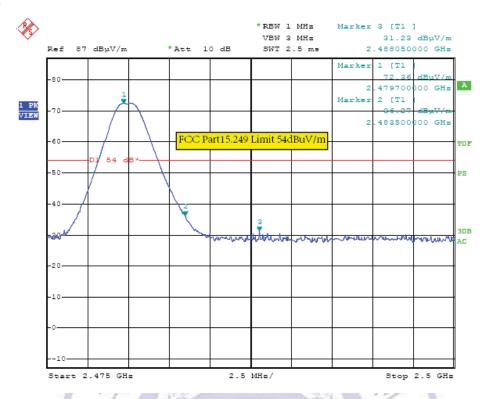
Polarity: Hor.

Operation Mode: TX on Top Channel



Operation Mode: TX on Top Channel

Polarity: Ver.



Note:

- 1. The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in Section 15.209.
- 2. The average measurement was not performed when the peak measured data under the limit of average detection.

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4.4. Occupied Bandwidth Measurement

Measurement Procedure

- 1. The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. Set EUT as normal operation.
- 3. Based on FCC Part15 C Section 15.239(a): RBW= 10KHz. VBW= 30 KHz, Span=3MHz.
- 4. The useful radiated emission from the EUT was detected by the spectrum analyser with peak detector.

Test SET-UP (Block Diagram of Configuration)

Same as 4.2 Radiated Emission Measurement.

Measurement Equipment Used:

Same as 4.2 Radiated Emission Measurement.

Measurement Results

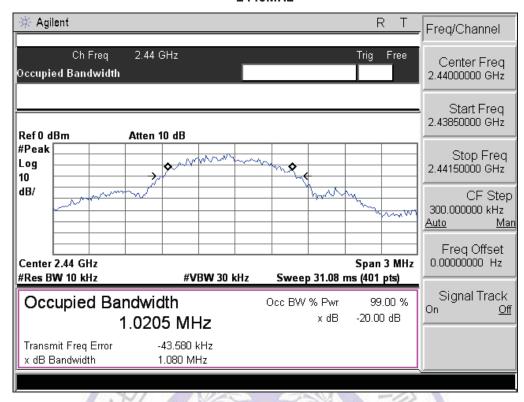
2402MHz



20dB Bandwidth: 1078.00KHz

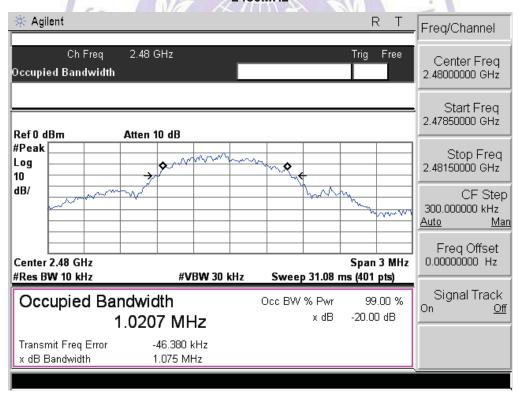
2440MHz

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20dB Bandwidth: 1080.00KHz

2480MHz



20dB Bandwidth: 1075.00KHz

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5. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, 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.

And according to FCC 47 CFR Section 15.247 (c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Refer to statement below for compliance.

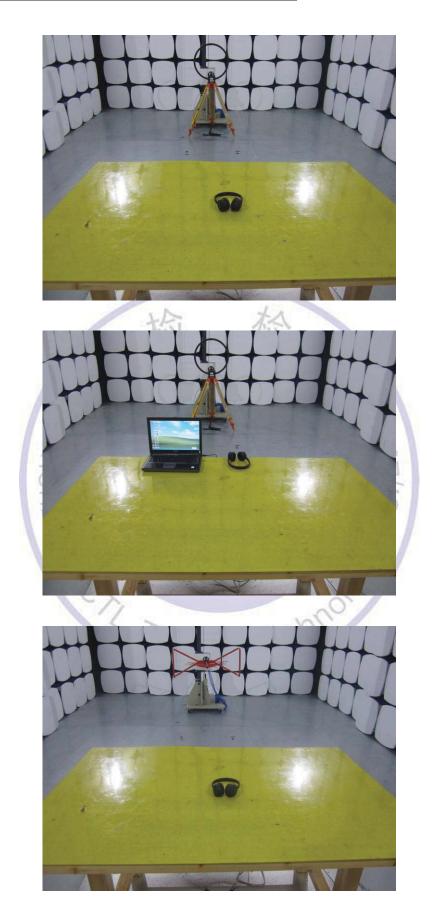
The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

Antenna Connected Construction

The antenna used in this product is a PCB Antenna, The directional gains of antenna used for transmitting is 0 dBi.

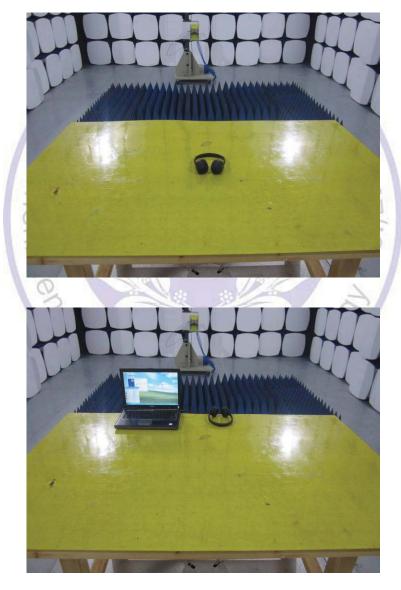


6. Test Setup Photos of the EUT















7. External and Internal Photos of the EUT

External Photos of EUT















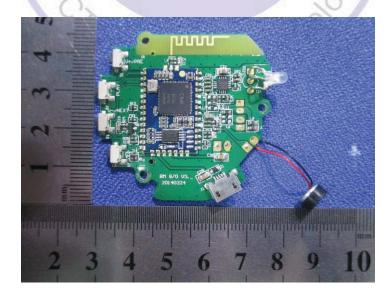


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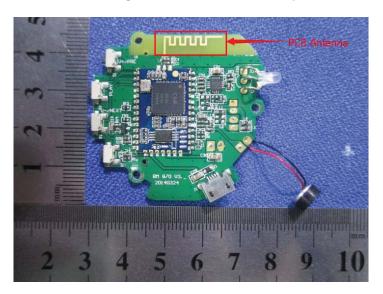
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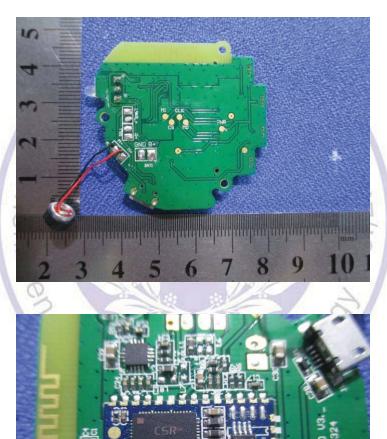






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.....End of Report.....