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FCC PART 15 SUBPART C TEST REPORT

FCC Part 15.249

Report Reference No...... CTL1212121567-WF

Compiled by

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Name of the organization performing

the tests

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Date of issue...... Jan. 26, 2013

Representative Laboratory Name .: Shenzhen CTL Electromagnetic Technology Co., Ltd.

Address...... Zone B, 4/F, Block 20, Guangqian Industrial Park, Longzhu

Road, Nanshan, Shenzhen 518055 China.

Test Firm...... Bontek Compliance Testing Laboratory Ltd

Road, Nanshan, Shenzhen, China

Applicant's name...... Shenzhen Riitek Technology Co., Ltd

District, Shenzhen, China

Test specification:

Standard FCC Part 15.249: Operation within the bands 920-928 MHz, 2400-

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

TRF Originator.....: Shenzhen CTL Electromagnetic Technology Co., Ltd.

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

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Test item description: RT-MWK13 2.4G Air Mouse Keyboard

Trade Mark: /

Modulation GFSK

Work Frequency...... 2403 MHz~2479 MHz

Result..... Positive

TEST REPORT

Report No.: CTL1212121567-WF

Test Report No. :	CTL1212121567-WF	Jan. 26, 2013
rest Report No	G1E1212121307-W1	Date of issue

Equipment under Test : RT-MWK13

Model /Type : RT-K13

Listed Models : RII-K13,RiiminiK13,ZWP-51013

Applicant : Shenzhen Riitek Technology Co., Ltd

Address : A1-4, A Zone, Baoyunda Logistic Center, Avenue Xixiang,

BaoAn District, Shenzhen, China

Manufacturer Shenzhen Riitek Technology Co., Ltd

Address A1-4, A Zone, Baoyunda Logistic Center, Avenue Xixiang,

BaoAn District, Shenzhen, China

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:

ANSI C63.4-2003



2. <u>SUMMAR</u>Y

2.1. General Remarks

Date of receipt of test sample : Dec. 17, 2012

Testing commenced on : Dec. 18, 2012

Testing concluded on : Jan. 09, 2013

2.2. Equipment Under Test

Power supply system utilised

Power supply voltage : o 120V / 60 Hz o 115V / 60Hz 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 2.4GHz Air Mouse Keyboard, work at 2403~2479 MHz. Channel List:

1CH	2403 GHZ	14CH	2429 GHZ	27CH	2455 GHZ
2CH	2405 GHZ	15CH	2431 GHZ	28CH	2457 GHZ
3CH	2407 GHZ	16CH	2433 GHZ	29CH	2459 GHZ
4CH	2409 GHZ	17CH	2435 GHZ	30CH	2461 GHZ
5CH	2411 GHZ	18CH	2437 GHZ	31CH	2463 GHZ
6CH	2413 GHZ	19CH	2439 GHZ	32CH	2465 GHZ
7CH	2415 GHZ	20CH	2441 GHZ	33CH	2467 GHZ
8CH	2417 GHZ	21CH	2443 GHZ	34CH	2469 GHZ
9CH	2419 GHZ	22CH	2445 GHZ	35CH	2471 GHZ
10CH	2421 GHZ	23CH	2447 GHZ	36CH	2473 GHZ
11CH	2423 GHZ	24CH	2449 GHZ	37CH	2475 GHZ
12CH	2425 GHZ	25CH	2451 GHZ	38CH	2477 GHZ
13CH	2427 GHZ	26CH	2453 GHZ	39CH	2479 GHZ

Power Range: -5dBm~0dBm

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	USB power by PC

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

Model No.: PP26L

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

This submittal(s) (test report) is intended for FCC ID: YIZRT-K13 filing to comply with Section 15.249 of the FCC Part 15, Subpart C Rules.

2.7. Modifications

No modifications were implemented to meet testing criteria.



3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Bontek Compliance Testing Laboratory Ltd 1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2003) and CISPR Publication 22.

3.2. Test Facility

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

IC Registration No.: 7631A

The 3m alternate test site of Bontek Compliance Testing Laboratory Ltd EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 7631A on March, 2011.

FCC-Registration No.: 338263

Bontek Compliance Testing Laboratory 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 338263, March 24, 2008.

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

المحمدر Fig. 2-1 Configuration of Tested System

EUT	

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 Bontek Compliance Testing Laboratory 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 Bontek 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

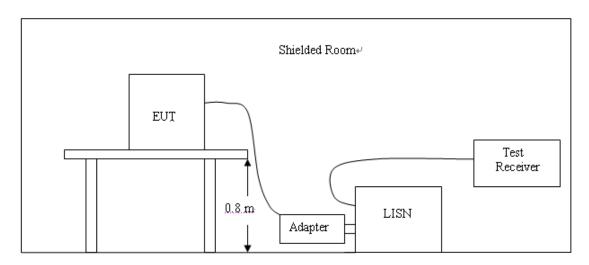
		A SAN	Lest the second		
Item	Test Equipment	Manufacturer	Model No.	Last Cal.	Due. Date
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	2012/04/14	2013/04/13
2	Radio Communication Tester	ROHDE & SCHWARZ	CMU200	2012/04/14	2013/04/13
3	Dual Directional Coupler	Agilent	778D	2012/04/14	2013/04/13
4	10dB attenuator	SCHWARZBECK	MTAIMP-136	2012/04/14	2013/04/13
5	Tunable Bandreject filter	K&L	3TNF-800	2012/04/14	2013/04/13
6	Tunable Bandreject filter	K&L	5TNF-1700	2012/04/14	2013/04/13
7	High-Pass Filter	K&L	9SH10- 2700/X12750- O/O	2012/04/14	2013/04/13
8	High-Pass Filter	K&ECT OMOGRA	41H10- 1375/U12750- O/O	2012/04/14	2013/04/13
9	Coaxial Cable	Huber+Suhner	AC4-RF-H	2012/04/14	2013/04/13
10	AC Power Supply	IDRC	CF-500TP	2012/04/14	2013/04/13
11	DC Power Supply	IDRC	CD-035-020PR	2012/04/14	2013/04/13
12	RF Current Probe	FCC	F-33-4	2012/04/14	2013/04/13
13	Temperature /Humidity Meter	zhicheng	ZC1-2	2012/04/14	2013/04/13
14	MICROWAVE AMPLIFIER	НР	8349B	2012/04/14	2013/04/13
15	Amplifier	HP	8447D	2012/04/14	2013/04/13
16	SIGNAL GENERATOR	HP	8647A	2012/04/14	2013/04/13
17	Log Periodic Antenna	ELECTRO-METRICS	EM-6950	2012/04/14	2013/04/13
18	Horn Antenna	Schwarzbeck	BBHA9120A	2012/04/14	2013/04/13
19	EMI Test Receiver	R&S	ESPI	2012/04/14	2013/04/13
20	Loop Antenna	ZHINAN	ZN30900A	2012/04/14	2013/04/13
21	Horn Antenna	Schwarzbeck	BBHA9120D	2012/04/14	2013/04/13
22	Horn Antenna	Schwarzbeck	BBHA9170	2012/04/14	2013/04/13

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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.

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CONDUCTED POWER LINE EMISSION LIMIT

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

Eroguenov	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	

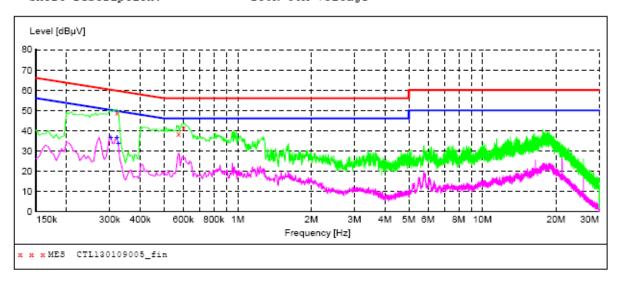
^{*} Decreasing linearly with the logarithm of the frequency

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

TEST RESULTS

Test mode: TM4

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



MEASUREMENT RESULT: "CTL130109005 fin"

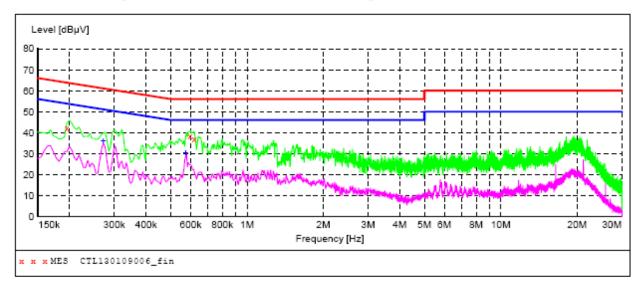
1/9/2013	9:49AM							
Freque	nev I	Level Tr	ransd	Limit	Margin	Detector	Line	PE
-	-				_	2000002		
	MHz	dΒμV	dB	dBµV	dB			
0.321	000 4	18.80	10.2	60	10.9	OΒ	L1	GND
0.321	000 -	10.00	10.2	60	10.9	QF	T-T	GMD
0.573	000 3	38.40	10.2	56	17.6	QP	L1	GND
0.600	000 4	11.20	10.2	56	14.8	OΒ	T.1	GND
0.000		11.20	10.2	50	14.0	QF	TIT.	GMD

MEASUREMENT RESULT: "CTL130109005_fin2"

1/9/2013 9:49 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.303000	36.60	10.2	50	13.6	AV	L1	GND
0.321000	36.30	10.2	50	13.4		L1	GND
0.325500	33.70	10.2	50	15.9		L1	GND

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

Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "CTL130109006 fin"

1/9/2013	9:52AM						
Freque	ncy Level	Transd	Limit	Margin	Detector	Line	PΕ
1	MHz dBµV	dB	dΒμV	dB			
0.1950	000 42.00	10.2	64	21.8	QP	N	GND
0.595	500 38.50	10.2	56	17.5	QP	N	GND
0.6180	000 37.10	10.2	56	18.9	QP	N	GND

MEASUREMENT RESULT: "CTL130109006 fin2"

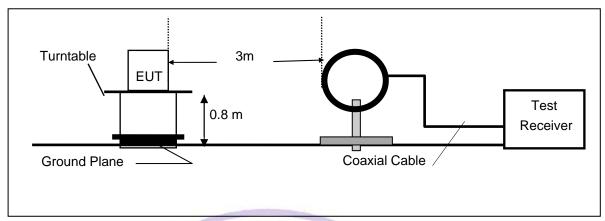
1/9/2013 9:5 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.271500 0.573000	35.90 30.20	10.2 10.2	51 46	15.2 15.8		N N	GND GND
			Ma	agne	10		

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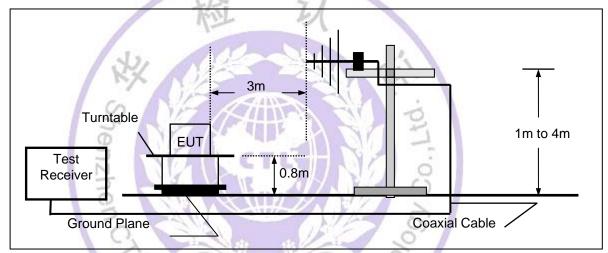
4.2. Radiated Emission Test

TEST CONFIGURATION

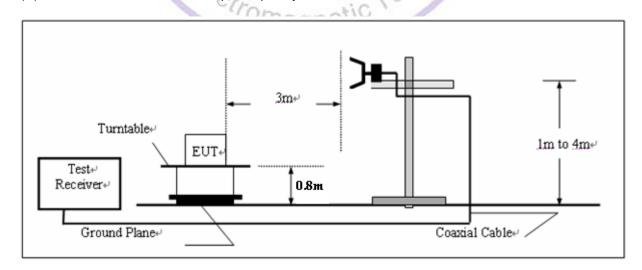
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



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



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



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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:

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)
// -	AVIANI	70 17 1	. ,
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500
N			

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.
- Repeat above procedures until the measurements for all frequencies are complete.
- 7. Based on the Frequency Generator in the device include 16MHz. The test frequency range from 9KHz to 25GHz per FCC PART 15.33(a).

Note:

Three axes are chosen for pretest, the Z axis is the worst mode for final test.

For battery operated equipment, the equipment tests shall be performed using a new battery.

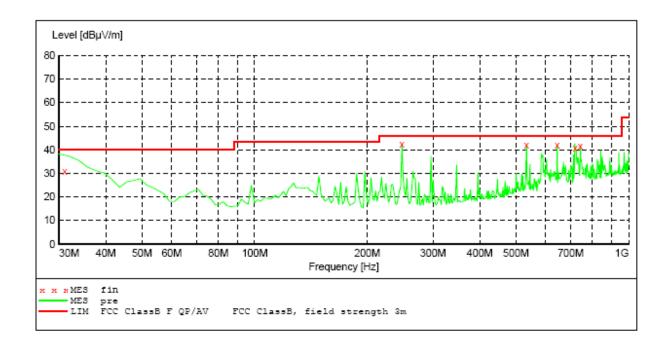
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TEST RESULTS

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:

```
SCAN TABLE: "test Field(30M-1G)OP"
 Short Description:
                               Field Strength (30M-1G)
            Stop
                       Step
                                                     IF
 Start
                                  Detector Meas.
                                                             Transducer
 Frequency Frequency
                       Width
                                            Time
                                                     Bandw.
 30.0 MHz
            1.0 GHz
                       60.0 kHz
                                  QuasiPeak 1.0 s
                                                     120 kHz HL562 09
```



MEASUREMENT RESULT:

Frequency MHz	Level dBµV/m		Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
31.080000	30.80	-5.3	40.0	9.2	QP	100.0	89.00	VERTICAL
247.710000	42.50	-12.5	46.0	3.5	QP	100.0	137.00	VERTICAL
533.460000	41.90	-5.8	46.0	4.1	QP	100.0	352.00	VERTICAL
644.260000	42.00	-3.2	46.0	4.0	QP	100.0	130.00	VERTICAL
720.060000	40.60	-2.9	46.0	5.4	QP	100.0	184.00	VERTICAL
743.400000	41.70	-2.2	46.0	4.3	QP	100.0	137.00	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 25MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.

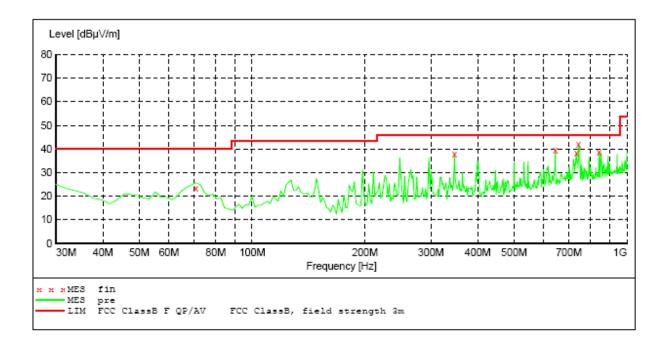
SCAN TABLE: "test Field(30M-1G)QP"

Short Description: Field Strength (30M-1G)

Start Stop Step Detector Meas. IF Transducer

Frequency Frequency Width Time Bandw.

30.0 MHz 1.0 GHz 60.0 kHz QuasiPeak 1.0 s 120 kHz HL562 09



MEASUREMENT RESULT:

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
70.820000 346.850000 644.260000 733.680000	23.50 37.90 39.40 38.20	-4.8 -9.8 -3.2 -2.6	40.0 46.0 46.0 46.0	16.5 8.1 6.6 7.8	QP QP QP	100.0 100.0 100.0 100.0	48.00 167.00 53.00 227.00	HORIZONTAL HORIZONTAL HORIZONTAL HORIZONTAL
743.400000 842.540000	42.00 38.70	-2.2 -0.7	46.0 46.0	4.0 7.3	QP QP	100.0 100.0	207.00 187.00	HORIZONTAL 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 25MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.

Above 1 GHz Test Results:

V1.0

Freq.		Datactuddada			Actual FS	Limit3m	Safe Margin	Nato
(MHz)	HV	(PK/AV)	(dBuV)	Assp. CF(dB)	(dBuV/m)	(dBuV/m)	(dB)	
2479		Peak	75.45	-3.30	73.15	113.98	-40.83	F
2479	Н	Peak	69.62	-3.30	66.32	113.98	-47.66	F
4950	v	Pesk	46.26	3.90	50.16	74.00	-23.84	Н
4958	Н	Peak	39.59	3.90	43.49	74.00	-30.51	Н
7437	V		_					Н
7437	Н		_					Н
Others			_					

Freq.	Ant.Pul.	Detectoridade	Reading	Ant./CL/	Actual FS	imi3m	Safe Margin	Note
(MHz)	HV	(PK/AV)	(dBaV)	Amp. CF(dB)	(dBuV/m)	(dBuV/m)	(dB)	
2443		Peak	74.73	-3.40	71.33	113.98	-42.65	F
2443	Н	Peak	68.43	-3.40	65.63	113.98	-48.95	F
4886	v	Peak	46.32	3.70	50.62	74.00	-23.98	Н
4686	Н	Peak	42.62	3.70	46.32	74.00	-27.68	Н
7329	v		-					Н
7329	Н		71	-	11			Н
Others			-10/3	(i 7	. /			

Freq.		Detectoriblede			Actual FS	linii	Safe Margin	Nato
(MHz) 2403	- - W	Peak	(dillery) 74.66	Amp. CI+(dbl) -3.30	(dHeV/m) 71.36	(6HeV/m) 113.98	- (db) -42,62	
2483	•	/ 4	CB.CC	A 130	65.36	113.50	-48.62	F
	H		40.05	3.50		A Transfer of the	-22.44	
4006 4006	H		41.53	3.50	51.55 45.63	74.00 74.00	-22.44 -28.57	H
72 9 9		5 6	71.33	A 100 a 100		24.00	-28.37	
7289	H	N	NOT	CICI				H
Others	п	7		IN IS		()		п

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 25MHz 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 73.15dBuV/m(PK Value) <93.98(AV Limit), at harmonic 50.16 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.

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 100KHz and VBM to 300KHz to measure the peak field strength and set RBW to 1MHz and VBW to 10Hz to measure the average radiated field strength.

The conducted RF band edge was measured by using a spectrum analyzer. Set span wide enough to capture the highest in-band emission and the emission at the band edge. Set RBW to 100 KHz and VBM to 300 KHz, to measure the conducted peak band edge.

LIMIT

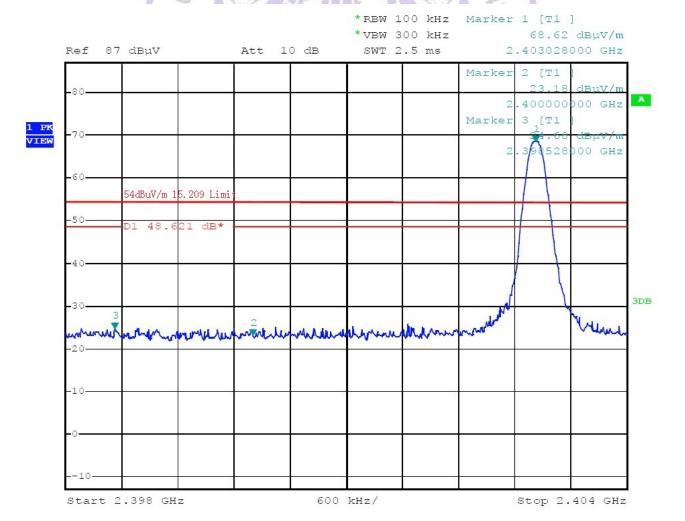
FCC PART 15.249(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

TEST RESULTS

Radiated Test:

Operation Mode: TX on Bot Channel

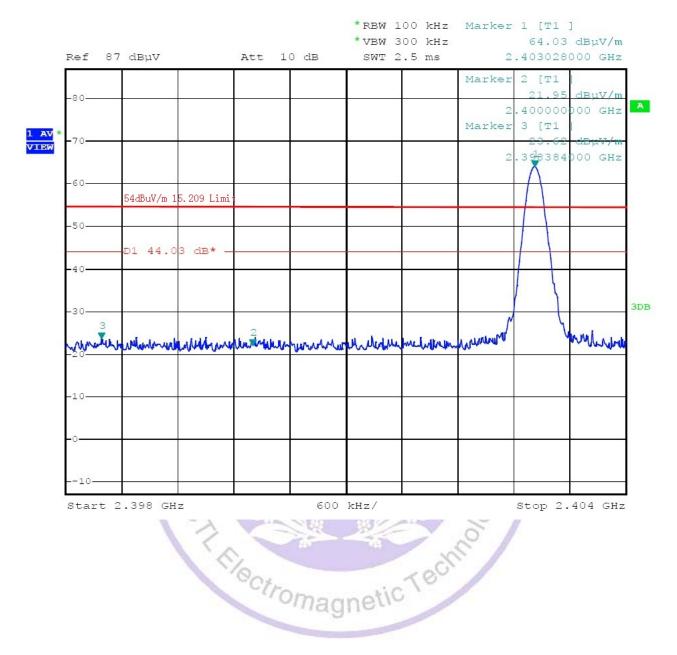
Polarity: Hor.



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Operation Mode: TX on Bot Channel

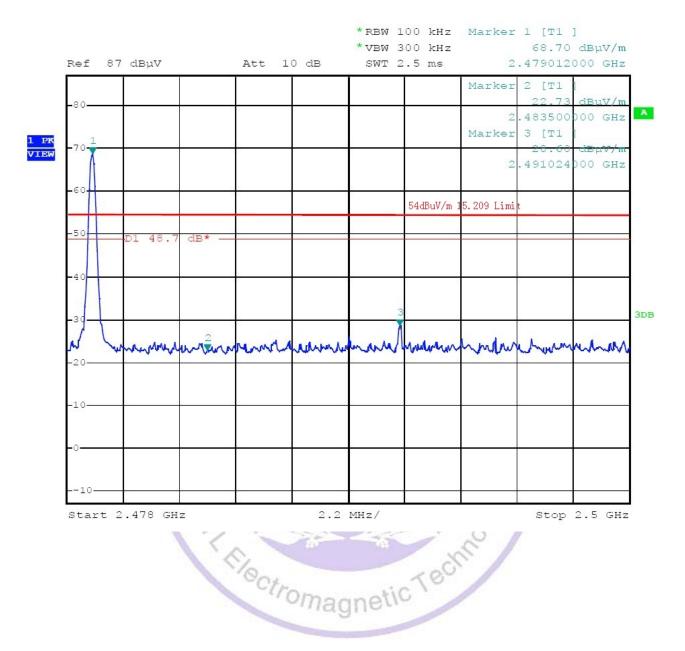
Polarity: Ver.



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Operation Mode: TX on Top Channel

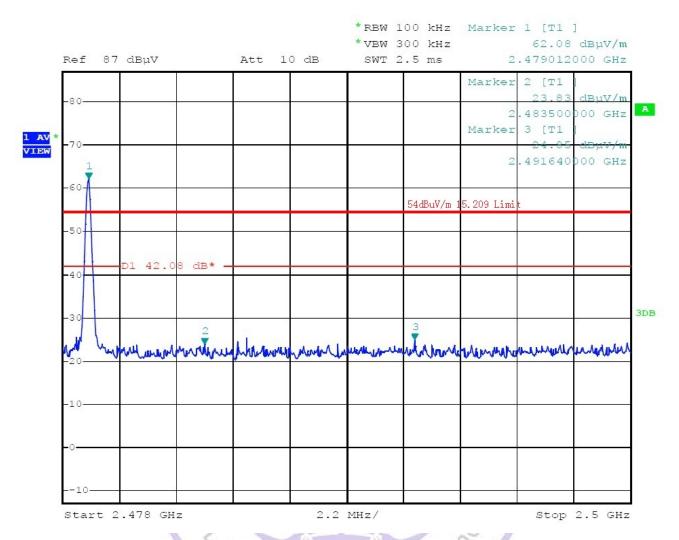
Polarity: Hor.



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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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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 -1.0 dBi.



6. Test Setup Photos of the EUT











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7. External and Internal Photos of the EUT

External Photos







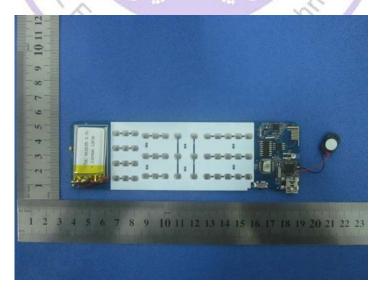


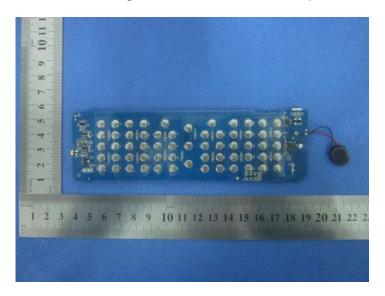


Internal Photos



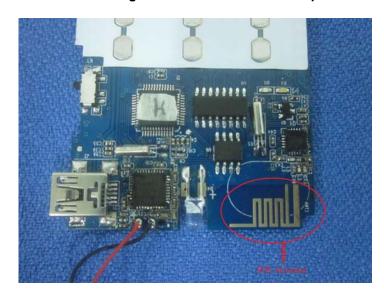








V1.0



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

