

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC159986

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FCC Radio Test Report FCC ID: 2AAPFMK-MT24N

Report No. : TB-FCC159986

Applicant: Hongkong Meike Digital Technology Co., LTD.

Equipment Under Test (EUT)

EUT Name : Flash light

Model No. : MK-MT24N

Serial Model No. : Please see the page of 4

Brand Name : MEKE

Receipt Date : 2018-05-15

Test Date : 2018-05-16 to 2018-06-25

Issue Date : 2018-06-26

Standards : FCC Part 15, Subpart C (15.249: 2017)

Test Method : ANSI C63.10: 2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above,

The EUT technically complies with the FCC requirements

Test/Witness Engineer :

Engineer Supervisor

Engineer Manager : "



Ray La

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0



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Revision History

Report No.	Version	Description	Issued Date
TB-FCC159986	Rev.01	Initial issue of report	2018-06-26
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1. General Information about EUT

1.1 Client Information

Applicant		Hongkong Meike Digital Technology Co., LTD.	
Address		Room 902.9/F., Fu Fai Commercial Centre, 27 Hillier Street , Sheung Wan, Hongkong	
Manufacturer		Sky Wise Medical Instrument (Shenzhen) Co., Ltd	
Address		No.17-1 South Pingxi Road, Xinsheng Community, LongGang Street, LongGang District, Shenzhen City, People's Republic Of China	

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Flash light		
THE PARTY OF THE P		Operation Frequency: 2408MHz-2450MHz		
		Number of Channel:	15 Channels see note (3)	
Product		Out Power:	105.34dBuV/m@3m Peak 90.81dBuV/m@3m Avg	
Description	W	Antenna Gain:	3 dBi FPC Antenna	
		Modulation Type:	FSK	
		Data Rate:	1Mbps	
Power Rating	•	DC 2*1.5V by AAA Bat	tery.	
Software Version	:	N/A		
Hardware Version		N/A		
Connecting I/O Port(S)	Ġ	Please refer to the User's Manual		

Note:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

(2) Channel List:

	Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)			
01	2408	06	2423	11	2438			
02	2411	07	2426	12	2441			
03	2414	08	2429	13	2444			
04	2417	09	2432	14	2447			
05	2420	10	2435	15	2450			



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(3) Model List:

Model List

MK-MT24N, MK-MT25N, MK-MT26N, MK-MT27N, MK-MT28N, MK-MT29N, MK-MT30N, MK-MT24S, MK-MT25S, MK-MT26S, MK-MT27S, MK-MT28S, MK-MT29S, MK-MT30S, MK-MT24C, MK-MT25C, MK-MT26C, MK-MT27C, MK-MT28C, MK-MT29C, MK-MT30C, MK-MT24F, MK-MT25F, MK-MT26F, MK-MT27F, MK-MT28F, MK-MT29F, MK-MT30F, MK-MT24P, MK-MT25P, MK-MT26P, MK-MT27P, MK-MT28P, MK-MT29P, MK-MT30P, MK-GT630N, MK-GT640N, MK-GT650N, MK-GT660N, MK-GT670N, MK-GT680N, MK-GT690N, MK-GT700N, MK-GT630S, MK-GT640S, MK-GT650S, MK-GT660S, MK-GT670S, MK-GT680S, MK-GT690S, MK-GT630C, MK-GT630C, MK-GT640C, MK-GT650C, MK-GT660C, MK-GT670C, MK-GT680C, MK-GT690C, MK-GT60C, MK-GT650F, MK-GT660F, MK-GT670F, MK-GT680F, MK-GT630P, MK-GT630P, MK-GT650P, MK-GT650P, MK-GT650P, MK-GT670P, MK-GT680P, MK-GT690P, MK-GT670P, MK-GT680P, MK-GT690P, MK-GT700P, MK-R200, MK-R210, MK-R220, MK-R230, MK-R240, MK-R250, MK-R260, MK-R270, MK-R280, MK-R290, MK-R300

Model Difference: All these models are identical in the same PCB layout and electrical circuit, the only difference is appearance.

1.3 Block Diagram Showing the Configuration of System Tested

TX Mode	11:35	MAIL	
	EUT		

1.4 Description of Support Units

The EUT has been test as independent unit.





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1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

ээрээлгэг.	For Conducted Test				
Final Test Mode Description					
Mode 1 N/A					
	For Radiated Test				
Final Test Mode Description					
Mode 2 TX Mode(2408MHz/2426MHz/2450MHz)					

Note:

For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

- (1)According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels.
- (2)During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis, X-plane, Y-plane and Z-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel & Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of RF mode.

Test Software Version	N/A	
Frequency	2408MHz/2426MHz/2450MHz	
FSK	DEF	



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1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, 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 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz	±3.42 dB
	150kHz to 30MHz	±3.42 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.40 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB

1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.



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2. Test Summary

FCC Part 15 Subpart C(15.249)					
Standard Section	Test Item	Judgment	Remark		
15.203	Antenna Requirement	PASS	N/A		
15.205	Restricted Bands	PASS	N/A		
15.207	AC Power Conducted Emission	N/A	N/A		
15.249 &15.209	Radiated Spurious Emission	PASS	N/A		
15.215(C)	20dB Bandwidth	PASS	N/A		



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3. Test Equipment

Conducted Emiss	ion Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 20, 2017	Jul. 19, 2018
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 20, 2017	Jul. 19, 2018
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 20, 2017	Jul. 19, 2018
LISN	Rohde & Schwarz	ENV216	101131	Jul. 20, 2017	Jul. 19, 2018
Radiation Emission	n Test			-	_
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 20, 2017	Jul. 19, 2018
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 20, 2017	Jul. 19, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.16, 2018	Mar. 15, 2019
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar.16, 2018	Mar. 15, 2019
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.16, 2018	Mar. 15, 2019
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.16, 2018	Mar. 15, 2019
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 03, 2017	Jul. 02, 2018
Pre-amplifier	Sonoma	310N	185903	Mar.16, 2018	Mar. 15, 2019
Pre-amplifier	HP	8449B	3008A00849	Mar.16, 2018	Mar. 15, 2019
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.16, 2018	Mar. 15, 2019
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conduct	ed Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 20, 2017	Jul. 19, 2018
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul. 20, 2017	Jul. 19, 2018
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Oct. 26, 2017	Oct. 25, 2018
Vector Signal Generator	Agilent	N5182A	MY50141294	Oct. 26, 2017	Oct. 25, 2018
Analog Signal Generator	Agilent	N5181A	MY50141953	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Oct. 26, 2017	Oct. 25, 2018
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Oct. 26, 2017	Oct. 25, 2018



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4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard FCC Part 15.207

4.1.2 Test Limit

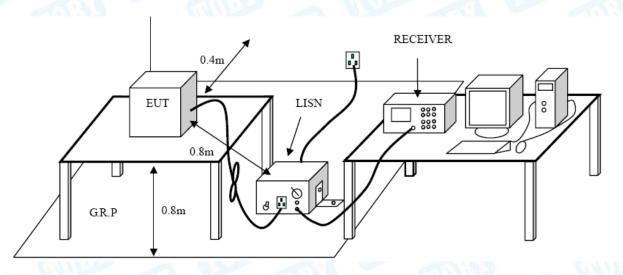
Conducted Emission Test Limit

-0130	Maximum RF Line	e Voltage (dBμV)
Frequency	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.



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I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN is at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

The EUT is powered by AAA battery, no requirement for this test item.

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5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard FCC Part 15.209

5.1.2 Test Limit

Frequency (MHz	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Radiated Emission Limit (Above 1000MHz)

Frequency	Distance Me	ters (at 3m)
(MHz)	Peak	Average
Above 1000	74	54

Note:

(1) The tighter limit applies at the band edges.

(2) Emission Level(dBuV/m)=20log Emission Level(Uv/m)

Limits of radiated emission measurement (15.249)

FCC Part 15 (15.24	19), Subpart C
Limit	Frequency Range (MHz)
Field strength of fundamental 50000 μV/m (94 dBμV/m) @ 3 m	2400~2483.5
Field strength of fundamental 500 μV/m (94 dBμV/m) @ 3 m	Above 2483.5

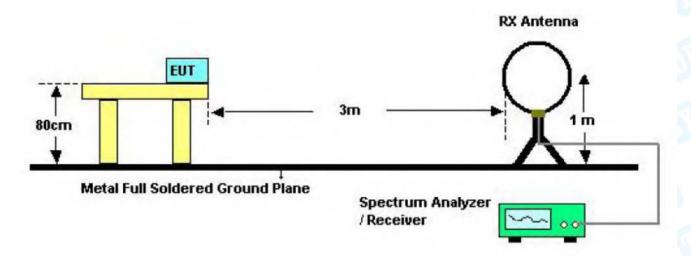
Restricted bands requirement for equipment operating in 2400MHz to 2483.5 MHz (15.249)



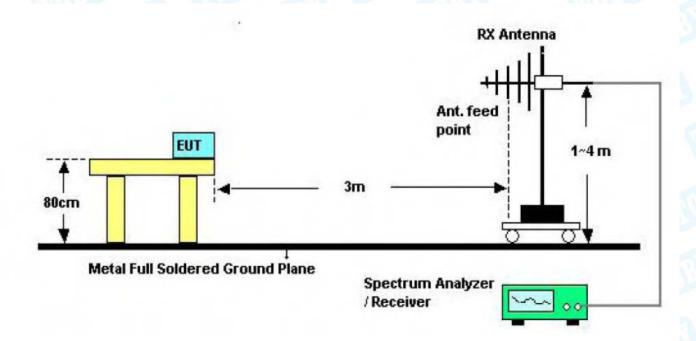
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Restricted Frequency Band (MHz)	(dBuV/m)(at 3 M)
2310~2390	Attenuated by at least 50 dB below the level of the fundamental or to the general radiated
2483.5~2500	emission limits in 15.209, whichever is the lesser attenuation

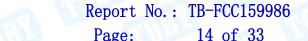
5.2 Test Setup



Below 30MHz Test Setup



Bellow 1000MHz Test Setup



Page:

Antenna tower 3mHorn antenna EUT 4mSpectrum analyzer Turntable $_{\rm lm}$ 1.5m30cm Pre-amp

Above 1GHz Test Setup

5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency Below 1GHz. The EUT was placed on a rotating 0.8m high above ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.



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5.4 EUT Operating Condition

The EUT was set to Continual Transmitting in maximum power, and new batteries are used during testing.

5.5 Test Data

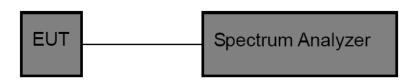
Please refer to the Attachment A.



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6. Bandwidth Test

6.1 Test Setup



6.2 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting:

Bandwidth: RBW=100 kHz, VBW=300kHz.

(3) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.

6.3 EUT Operating Condition

The EUT was set to continuously transmitting for the Bandwidth Test.

6.4 Test Data

Please refer to the Attachment B.



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7. Antenna Requirement

7.1 Standard Requirement

7.1.1 Standard FCC Part 15.203

7.1.2 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 shall be considered sufficient to comply with the provisions of this Section. 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.

7.2 Antenna Connected Construction

The gains of the antenna used for transmitting is 3dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

7.3 Result

The EUT antenna is a FPC Antenna. It complies with the standard requirement.

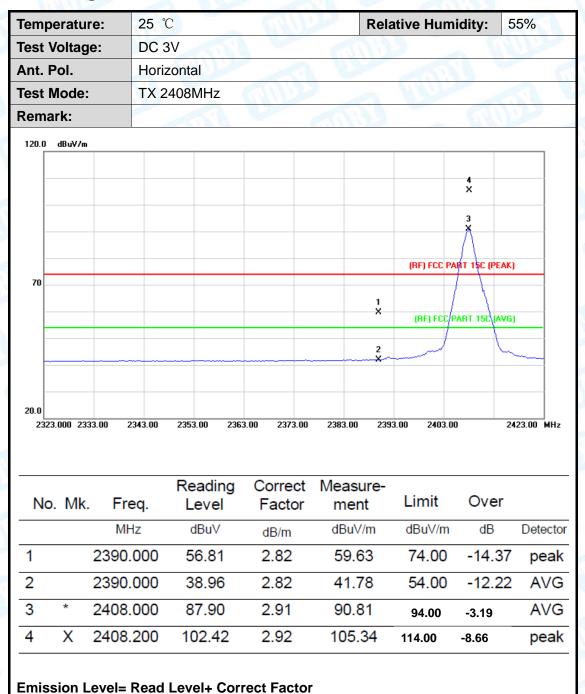
	Antenna Type
	☐ Permanent attached antenna
N. W.	☑ Unique connector antenna
CONTRACTOR OF THE PARTY OF THE	□ Professional installation antenna



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Attachment A-- Radiated Emission Test Data

Field Strength of the Fundamental

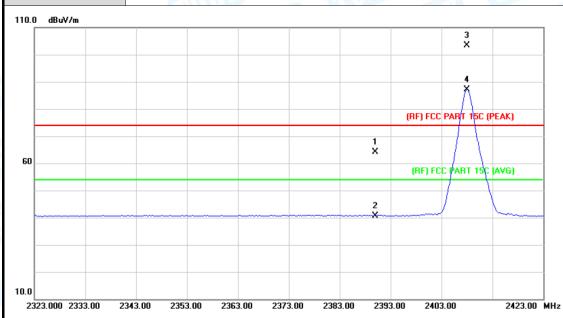






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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3V		
Ant. Pol.	Vertical		
Test Mode:	TX 2408MHz		
Remark:			MUSE



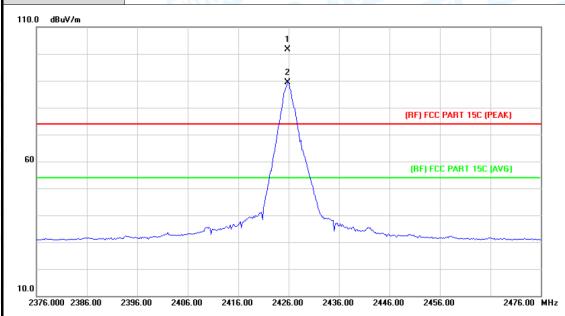
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	61.19	2.82	64.01	74.00	-9.99	peak
2		2390.000	37.84	2.82	40.66	54.00	-13.34	AVG
3	Χ	2408.000	100.46	2.91	103.37	114.00	-10.63	peak
4	*	2408.000	84.33	2.91	87.24	94.00	-6.76	AVG





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	Temperature:	25 ℃	Relative Humidity:	55%
ì	Test Voltage:	DC 3V	TUDE	The same
	Ant. Pol.	Horizontal		
Ì	Test Mode:	TX 2426MHz		
ĺ	Remark:	m Calling		MUL



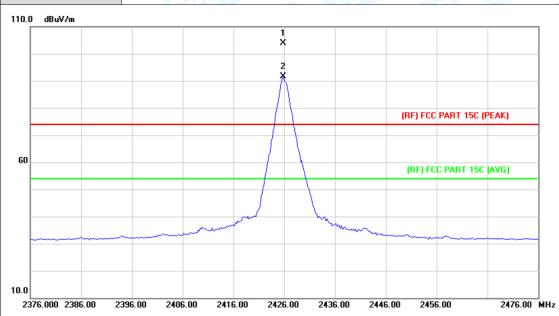
	No.	Mk.	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		X	2425.800	98.64	3.03	101.67	114.00	-12.33	peak
2	-	*	2425.800	86.42	3.03	89.45	94.00	-4.55	AVG





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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3V	THE PARTY OF	
Ant. Pol.	Vertical		
Test Mode:	TX 2426MHz		
Remark:		No N	IND



	No.	Mk.	Freq.	_		Measure- ment	Limit	Over	
			MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		X	2425.800	100.95	3.03	103.98	114.00	-10.02	peak
2		*	2425.800	88.55	3.03	91.58	94.00	-2.42	AVG





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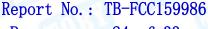
iemį	peratu	re:	25 °	C		a 1			Rela	ative	Humi	idity:	55%	1
est	Voltag	je:	DC 3	3V		3		. (1	A PROPERTY OF	
\nt.	Pol.		Hori	zontal	Section 1		5			(III	130		
est	Mode:		TX 2	2450MH	Z	113						-		
Rem	ark:			-				611				3 N	MARK	
120.0	dBuV/m													_
		2 X												
		,												
		X												1
		+/								(RF)	FCC PA	RT 15C (P	EAK)	1
70							3 ×							7
		-	\downarrow							(D)) ECC P	ART 15C (AVCI	-
E	1.0		\perp	001						(In) rec r	ANT TOCK	Avuj	-
N		J	\ \J	~~\\		·	4 ×							
20.0														
	3.500 244	3.50 2	453.50	2463.50	2473.5	0 248	3.50	2493.50	250	3.50	2513.50)	2533.50	
				Read	na	Corre	ct I	Meası	ure-					
No	o. Mk	Fre	 ≱q.	Read Leve		Corre Facto		Meası mer		Lim	iit	Ove	r	
No	o. Mk.	Fre			el		or		nt		nit V/m	Ove	r Det	ecto
	o. Mk.		łz	Leve	el v	Facto	or	mer	nt //m		V/m		Det	
1		MH	1z 700	Leve dBu\	el /)4	Factor dB/m	or	mer dBuV	nt //m 12	dBu	V/m .00	dB	Det	VC
1 2 3	*	MH 2449.	700 100	dBu\ 85.9	el / / 94 86	dB/m 3.18	or	mer dBuV 89.1	nt //m 12 54	94.	V/m .00	dB -4.88	Dete	ecto VC eal





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Temper	ature:	25 °C			Re	elative Hum	idity: 5	55%
est Vo	ltage:	DC 3	BV	33	e Cil	Market Land		(Brown
Ant. Po	l.	Verti	cal	1	88	(III)	133	
est Mc	de:	TX 2	450MHz	D. A. C.				
Remark								Market
120.0 dE	BuV/m							
		2 X						
	1							
		1				(RF) FCC P	ART 15C (PEAK	g
70								
	$-\!$	\rightarrow		_		(BE) ECC	PART 15C (AVE	
		hom		3 X		(III) TCC	TAIT 13C ATC	-,
\rightarrow \right	\checkmark		Mym	4				
			*		***************************************			
20.0								
	0 2445.00		2465.00 247	5.00 2485.00		2505.00 2515.0	00 2	2535.00 MH
∠435.UL	IU 2443.UU	2455.00	2403.UU 247	5.00 2485.00	2495.00	2303.00 Z313.U		
			Reading	Correct	Measure	-	0	
No.	Mk. F	req.	Reading Level		Measure ment	- Limit	Over	
	Mk. F		Reading	Correct	Measure	-	Over	Detecto
No.	Mk. F	req.	Reading Level	Correct Factor	Measure ment	- Limit		
No.	Mk. F	Freq.	Reading Level	Correct Factor	Measure ment dBuV/m	Limit dBuV/m 94.00	dB	AVG
No.	Mk. F * 244 X 245	Freq. MHz 9.400	Reading Level dBuV 86.31	Correct Factor dB/m 3.18	Measure ment dBuV/m 89.49	Limit dBuV/m 94.00	dB -4.51	Detector AVG peak





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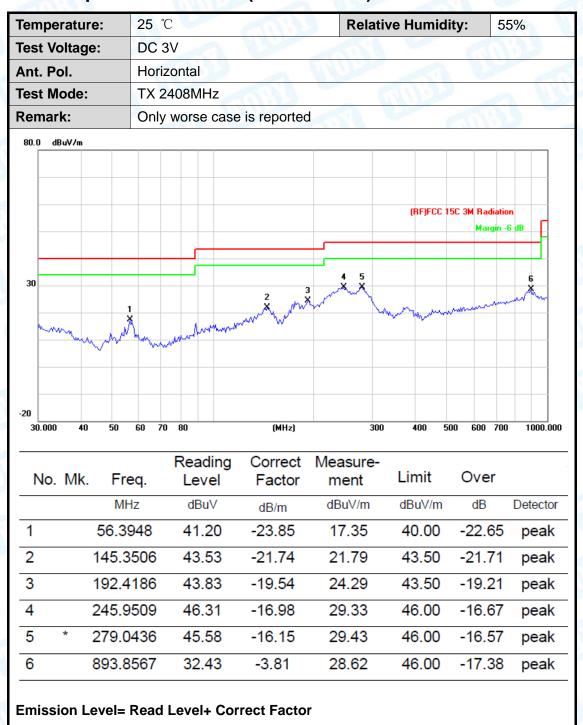
Radiated Spurious Emission (9 KHz~30 MHz)

From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

below the permissible value has no need to be reported.

Radiated Spurious Emission (Below 1 GHz)

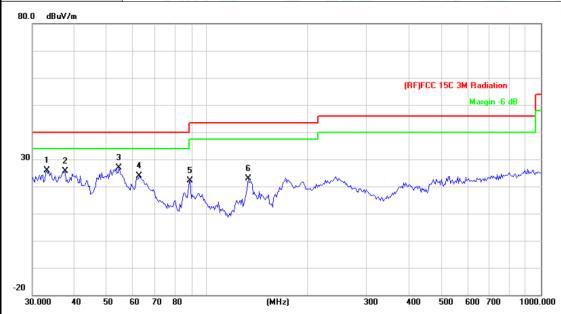




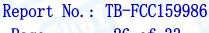


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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3 V	William .	Alle
Ant. Pol.	Vertical		
Test Mode:	TX 2408MHz		
Remark:	Only worse case is reported		MA



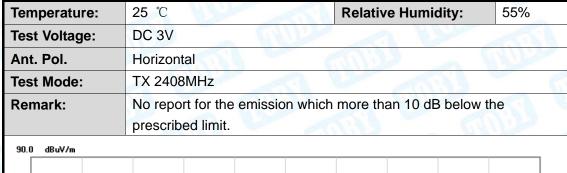
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		33.0950	41.26	-15.33	25.93	40.00	-14.07	peak
2		37.5479	43.51	-17.92	25.59	40.00	-14.41	peak
3	*	54.4516	50.49	-23.62	26.87	40.00	-13.13	peak
4		62.6507	47.93	-24.02	23.91	40.00	-16.09	peak
5		88.9639	44.08	-21.88	22.20	43.50	-21.30	peak
6		132.6850	45.10	-22.27	22.83	43.50	-20.67	peak

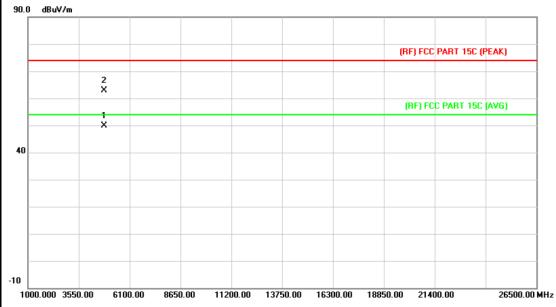




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Radiated Spurious Emission (Above 1 GHz)





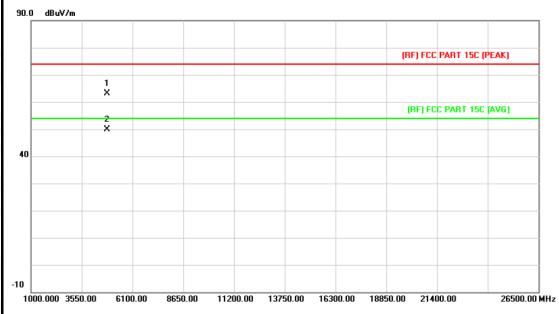
N	0.	Mk.	Freq.	_		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	7	k	4815.760	35.40	14.50	49.90	54.00	-4.10	AVG
2			4817.890	48.41	14.51	62.92	74.00	-11.08	peak





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Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	DC 3V	THE PARTY OF THE P	A River					
Ant. Pol. Vertical								
Test Mode:	TX 2408MHz							
Remark:	No report for the emission	No report for the emission which more than 10 dB below the						
prescribed limit.								



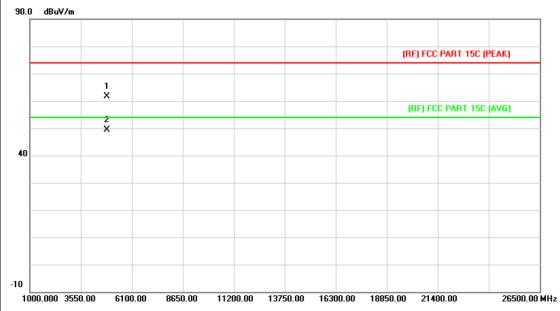
No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4814.390	48.57	14.50	63.07	74.00	-10.93	peak
2	*	4815.940	35.47	14.50	49.97	54.00	-4.03	AVG





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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3V						
Ant. Pol.	Horizontal						
Test Mode:	TX 2426MHz		HAMP				
Remark: No report for the emission which more than 10 dB below the prescribed limit.							



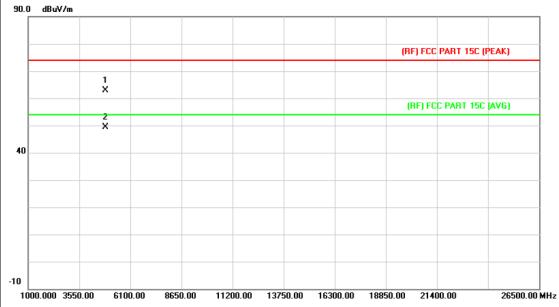
No	. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4850.110	46.95	14.71	61.66	74.00	-12.34	peak
2	*	4851.880	34.56	14.73	49.29	54.00	-4.71	AVG



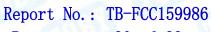


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Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	DC 3V	Company of the control of the contro	A Brown		
Ant. Pol.	Vertical				
Test Mode:	TX 2426MHz				
Remark: No report for the emission which more than 10 dB below the prescribed limit.					



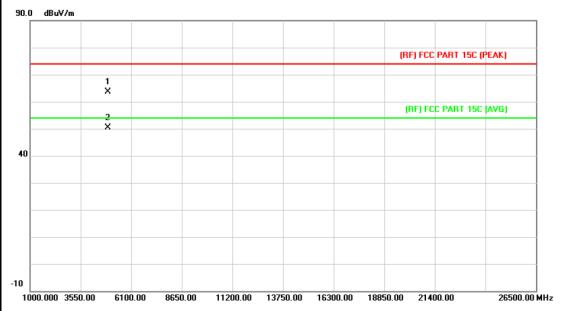
No	. Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4849.590	48.12	14.71	62.83	74.00	-11.17	peak
2	*	4852.630	34.60	14.73	49.33	54.00	-4.67	AVG





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Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	DC 3V						
Ant. Pol.	Horizontal						
Test Mode:	TX 2450MHz		HUL				
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						



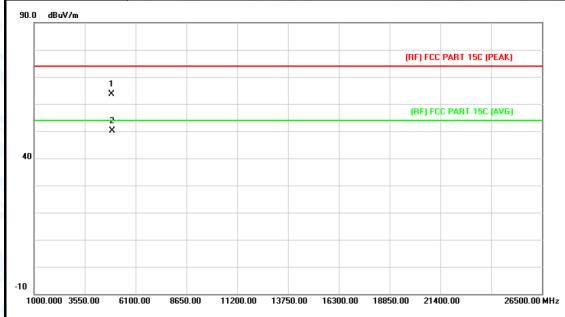
N	lo.	Mk.	Freq.			Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1			4910.520	48.63	15.09	63.72	74.00	-10.28	peak
2	,	k	4911.500	35.24	15.09	50.33	54.00	-3.67	AVG





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Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	DC 3V	THE PARTY OF	Arran			
Ant. Pol.	Vertical					
Test Mode:	TX 2450MHz					
Remark:	No report for the emission which more than 10 dB below the					
	prescribed limit.					



No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4908.020	48.59	15.07	63.66	74.00	-10.34	peak
2	*	4911.420	35.13	15.09	50.22	54.00	-3.78	AVG





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Attachment B--Bandwidth Test Data

Channel Frequency (MHz)	20dB Bandwidth (MHz)
2408	2.402
2426	1.596
2450	1.382

2408 MHz







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2426 MHz



2450 MHz



----END OF REPORT----