

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Report No: CCISE181201801

# FCC REPORT (Bluetooth)

Applicant:	SWAGTEK
Address of Applicant:	10205 NW 19th St. Suite 101, Miami, FL, 33172
Equipment Under Test (E	EUT)
Product Name:	5.0 inch 3G Smart Phone
Model No.:	X5A, Mantra Plus, iSWAG Switch
Trade mark:	LOGIC, UNONU, iSWAG
FCC ID:	O55503617
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	05 Dec., 2018
Date of Test:	05 Dec., to 21 Dec., 2018
Date of report issued:	21 Dec., 2018
Test Result:	PASS *

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Laboratory Manager

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 and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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## 2 Version

Version No.	Date	Description
00	21 Dec., 2018	This report was amended on FCC ID: 055503617 follow FCC Class II Permissive Change.The differences between them only Model name And screen. Base on the differences description, the Conducted Emission and Radiated Emission below 1GHz were re-tested.

Tested by:

Mike.0U

Date:

21 Dec., 2018

Test Engineer

Reviewed by:

"Inan" ŵ

Date:

21 Dec., 2018

**Project Engineer** 

# <u>CCIS</u>

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# 4 Test Summary

Test Items	Section in CFR 47	Result
Antenna Requirement	15.203 & 15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Peak Output Power	15.247 (b)(1)	Pass*
20dB Occupied Bandwidth	15.247 (a)(1)	Pass*
Carrier Frequencies Separation	15.247 (a)(1)	Pass*
Hopping Channel Number	15.247 (a)(1)	Pass*
Dwell Time	15.247 (a)(1)	Pass*
Spurious Emission	15.205 & 15.209	Pass
Band Edge	15.247(d)	Pass*
Pass: The EUT complies with the essential requiremer Pass*: Please refer to the FCC ID: 055503617 N/A: Not Applicable.	nts in the standard.	

# **5** General Information

# 5.1 Client Information

Applicant:	SWAGTEK
Address:	10205 NW 19th St. Suite 101, Miami, FL, 33172
Manufacturer/ Factory:	SWAGTEK
Address:	10205 NW 19th St. Suite 101, Miami, FL, 33172

# 5.2 General Description of E.U.T.

Product Name:	5.0 inch 3G Smart Phone			
Model No.:	X5A, Mantra Plus, iSWAG Switch			
Operation Frequency:	2402MHz~2480MHz			
Transfer rate:	1/2/3 Mbits/s			
Number of channel:	79			
Modulation type:	GFSK, π/4-DQPSK, 8DPSK			
Modulation technology:	FHSS			
Antenna Type:	Internal Antenna			
Antenna gain:	1 dBi			
Power supply:	Rechargeable Li-ion Battery DC3.7V-2000mAh			
AC adapter:	Input: AC100-240V, 50/60Hz, 0.12A Output: DC 5.0V, 1000mA			
Remark:	Item No.: X5A, Mantra Plus, iSWAG Switch were identical inside, the electrical circuit design, layout, components used and internal wiring. The only difference is that one product has three models, each model corresponds to one brand, three The trademarks are LOGIC and UNONU and iSWAG, the X5A model corresponds to the trademark LOGIC and UNONU, the iSWAG Switch model and Mantra Plus model corresponds to the trademark iSWAG.			
Test Sample Condition:	The test samples were provided in good working order with no visible defects.			

Operation	Operation Frequency each of channel for GFSK, π/4-DQPSK, 8DPSK						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19 2421MHz 39 2441MHz 59 2461MHz							
Remark: Cl	Remark: Channel 0, 39 &78 selected for GFSK, π/4-DQPSK and 8DPSK.						



# 5.3 Test environment and test mode

<b>Operating Environment:</b>	
Temperature:	24.0 °C
Humidity:	54 % RH
Atmospheric Pressure:	1010 mbar
Test Modes:	
Non-hopping mode:	Keep the EUT in continuous transmitting mode with worst case data rate.
Hopping mode:	Keep the EUT in hopping mode.
Remark	GFSK (1 Mbps) is the worst case mode.
The complexies placed 0.0m	

The sample was placed 0.8m (below 1GHz)/1.5m (above 1GHz) above the ground plane of 3m chamber\*. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working with a fresh battery, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

# 5.4 Description of Support Units

The EUT has been tested as an independent unit.

## 5.5 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±2.22 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±2.76 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.28 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.72 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±2.88 dB (k=2)

## 5.6 Laboratory Facility

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

#### • FCC - Registration No.: 727551

Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The Registration No. is 727551.

#### IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

#### CNAS - Registration No.: CNAS L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

#### A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <a href="https://portal.a2la.org/scopepdf/4346-01.pdf">https://portal.a2la.org/scopepdf/4346-01.pdf</a>

## 5.7 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd. Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

# 5.8 Test Instruments list

Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	SAEMC	9m*6m*6m	966	07-22-2017	07-21-2020
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-16-2018	03-15-2019
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-16-2018	03-15-2019
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-16-2018	03-15-2019
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2017	06-21-2020
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-21-2018	11-20-2019
EMI Test Software	AUDIX	E3	V	ersion: 6.110919	b
Pre-amplifier	HP	8447D	2944A09358	03-07-2018	03-06-2019
Pre-amplifier	CD	PAP-1G18	11804	03-07-2018	03-06-2019
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-07-2018	03-06-2019
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-21-2018	11-20-2019
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-07-2018	03-06-2019
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-07-2018	03-06-2019
Cable	MICRO-COAX	MFR64639	K10742-5	03-07-2018	03-06-2019
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-07-2018	03-06-2019
RF Switch Unit	MWRFTEST	MW200	N/A	N/A	N/A
Test Software	MWRFTEST	MTS8200	Version: 2.0.0.0		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-07-2018	03-06-2019
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-07-2018	03-06-2019
LISN	CHASE	MN2050D	1447	03-19-2018	03-18-2019
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2018	07-20-2019
Cable	HP	10503A	N/A	03-07-2018	03-06-2019
EMI Test Software	AUDIX	E3	Version: 6.110919b		



# 6 Test results and measurement data

## 6.1 Antenna Requirement

Standard requirement: FCC Part 15 C Section 15.203 & 247(b)

#### 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.

#### 15.247(b) (4) requirement:

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### E.U.T Antenna:

The Bluetooth antenna is an Internal antenna which permanently attached, and the best case gain of the antenna is 1 dBi.





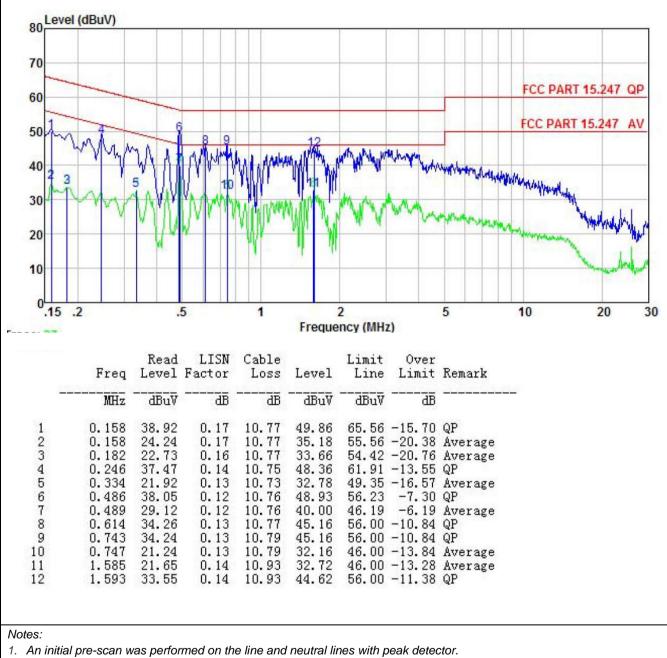
# 6.2 Conducted Emissions

Test Requirement:	FCC Part 15 C Section 1	FCC Part 15 C Section 15.207			
Test Method:	ANSI C63.10:2013	ANSI C63.10:2013			
Test Frequency Range:	150 kHz to 30 MHz				
Class / Severity:	Class B				
Receiver setup:	RBW=9 kHz, VBW=30 k	Hz, Sweep time=auto			
Limit:	Frequency range	Limit (	dBuV)		
	(MHz)	Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30	60	50		
	* Decreases with the log	arithm of the frequency.			
Test setup:	Reference	e Plane			
	LISN     40cm     80cm     Filter     AC power       Equipment     E.U.T     Filter     AC power       Test table/Insulation plane     EMI       Remark:     E.U.T: Equipment Under Test       LISN: Line Impedence Stabilization Network       Test table height=0.8m				
Test procedure:	<ol> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.</li> </ol>				
Test Instruments:	Refer to section 5.8 for details				
Test mode:	Hopping mode				
Test results:	Pass				



#### **Measurement Data:**

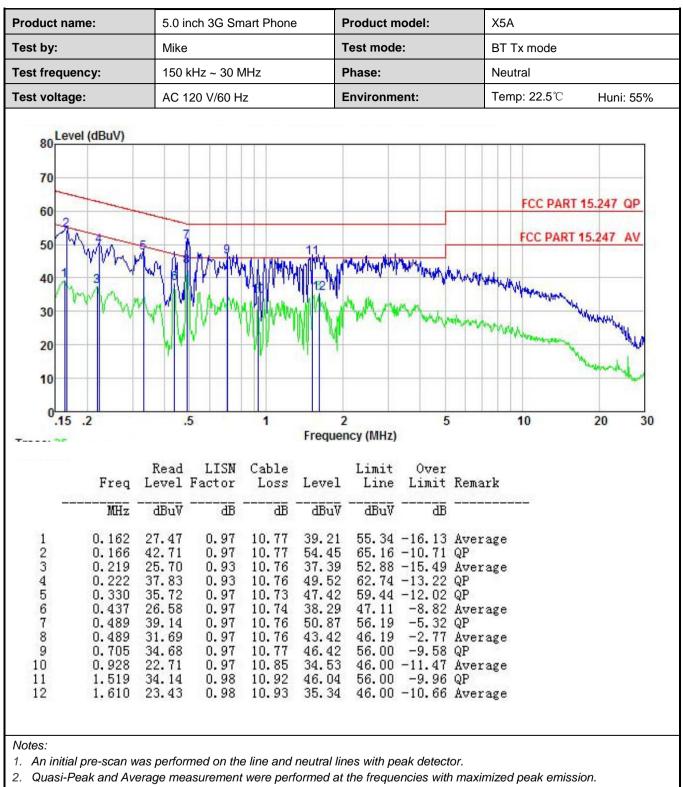
Product name:	5.0 inch 3G Smart Phone	Product model:	X5A			
Test by:	Mike	Test mode:	BT Tx mode			
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line			
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5℃ Huni: 55%			



2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss.





3. Final Level =Receiver Read level + LISN Factor + Cable Loss.

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# 6.3 Conducted Output Power

Test Requirement:	FCC Part 15 C Section 15.247 (b)(1)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Receiver setup:	RBW=1MHz, VBW=3MHz, Detector=Peak (If 20dB BW ≤1 MHz) RBW=3MHz, VBW=10MHz, Detector=Peak (If 20dB BW > 1 MHz and < 3MHz)			
Limit:	For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Non-hopping mode			
Test results:	Please refer to the FCC ID: 055503617			



# 6.4 20dB Occupy Bandwidth

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Receiver setup:	RBW=30 kHz, VBW=100 kHz, detector=Peak			
Limit:	NA			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Non-hopping mode			
Test results:	Please refer to the FCC ID: O55503617			



# 6.5 Carrier Frequencies Separation

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Receiver setup:	RBW=100 kHz, VBW=300 kHz, detector=Peak			
Limit:	<ul><li>a) 0.025MHz or the 20dB bandwidth (whichever is greater)</li><li>b) 0.025MHz or 2/3 of the 20dB bandwidth (whichever is greater)</li></ul>			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Hopping mode			
Test results:	Please refer to the FCC ID: 055503617			



# 6.6 Hopping Channel Number

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1)		
Test Method:	ANSI C63.10:2013 and KDB 558074		
Receiver setup:	RBW=100 kHz, VBW=300 kHz, Frequency range=2400MHz-2483.5MHz, Detector=Peak		
Limit:	15 channels		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 5.8 for details		
Test mode:	Hopping mode		
Test results:	Please refer to the FCC ID: 055503617		



# 6.7 Dwell Time

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Receiver setup:	RBW=1 MHz, VBW=1 MHz, Span=0 Hz, Detector=Peak			
Limit:	0.4 Second			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Hopping mode			
Test results:	Please refer to the FCC ID: O55503617			



## 6.8 Pseudorandom Frequency Hopping Sequence

Frequency hopping systems	FCC Part 15 C Section 15.247 (a)(1) requirement:
	shall have hopping channel carrier frequencies separated by a minimum of th of the hopping channel, whichever is greater.
channel carrier frequencies th hopping channel, whichever i than 125 mW. The system sh from a Pseudorandom ordere average by each transmitter.	oping systems operating in the 2400-2483.5 MHz band may have hopping that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the is greater, provided the systems operate with an output power no greater hall hop to channel frequencies that are selected at the system hopping rate red list of hopping frequencies. Each frequency must be used equally on the . The system receivers shall have input bandwidths that match the hopping corresponding transmitters and shall shift frequencies in synchronization
EUT Pseudorandom Freque	ency Hopping Sequence
outputs are added in a modul	sequence: 2 <sup>9</sup> -1 = 511 bits
	hift Register for Generation of the PRBS sequence
	hift Register for Generation of the PRBS sequence om Frequency Hopping Sequence as follow: 62 64 78 1 73 75 77



# 6.9 Band Edge

## 6.9.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Receiver setup:	RBW=100 kHz, VBW=300 kHz, Detector=Peak			
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Non-hopping mode and hopping mode			
Test results:	Please refer to the FCC ID: O55503617			



#### 6.9.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209 and 15.205							
Test Method:	ANSI C63.10: 2013							
Test Frequency Range:	2.3GHz to 2.5GHz							
Test Distance:	3m							
Receiver setup:	Frequency Detector RBW VBW			Remark				
	Above 1GHz	Peak		1MHz	3MHz		Peak Value	
	Above IGHZ	RMS	6 1MHz		3MHz		Average Value	
Limit:	Frequency Limit (dBuV/m @3m) Remark				Remark			
	Above 1G	2117		54.00		A	Average Value	
		5112		74.00			Peak Value	
	Horn Artenna Tower Horn Artenna Tower Ground Reference Plane Test Receiver Receiver Controller							
Test Procedure:	<ol> <li>The EUT was placed on the top of a rotating table 1.5meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>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.</li> <li>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.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>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</li> </ol>							
Test Instruments:	average method as specified and then reported in a data sheet.Refer to section 5.8 for details							
Test mode:	Non-hopping mode							
Test results:	Please refer to the FCC ID: 055503617							



# 6.10 Spurious Emission

## 6.10.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)			
Test Method:	ANSI C63.10:2013 and KDB 558074			
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Non-hopping mode			
Test results:	Please refer to the FCC ID: O55503617			



#### 6.10.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Section 15.209						
Test Method:	ANSI C63.10: 2013						
Test Frequency Range:	9 kHz to 25 GHz						
Test Distance:	3m						
Receiver setup:	Frequency Detector RBW VBW Remark					Remark	
			300kl	Hz Quasi-peak Value			
		Peal	<	1MHz	3MH	z	Peak Value
	Above 1GHz	RMS	6	1MHz	3MH	Iz Average Value	
Limit:	Frequency Limit (dBuV/m @3m)			Remark			
	30MHz-88N	/Hz	40.0			Quasi-peak Value	
	88MHz-216	MHz	43.5			(	Quasi-peak Value
	216MHz-960	MHz	46.0			(	Quasi-peak Value
	960MHz-10	GHz		54.0		(	Quasi-peak Value
				54.0			Average Value
	Above 1G	Hz	74.0				Peak Value
	Antenna Tower FUT 4 4 4 5 F T est Receiver Turm 0.8m 1 m Ground Plane						
	AE EUT Horn Antenna Tower Ground Reference Plane Test Receiver						
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz) /1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.						

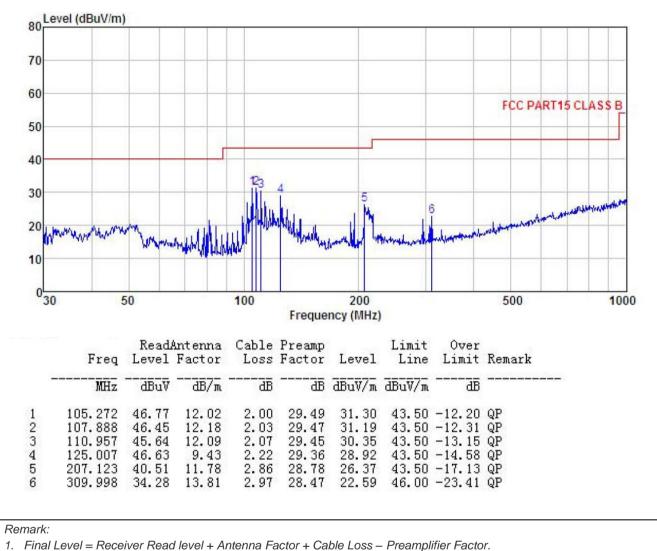


	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna	
	<ul><li>tower.</li><li>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li></ul>	
	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.	
	5. 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 5.8 for details	
Test mode:	Non-hopping mode	
Test results:	Pass	
Remark:	<ol> <li>Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case.</li> <li>9 kHz to 30 MHz is noise floor, so only shows the data of above</li> </ol>	
	30MHz in this report.	



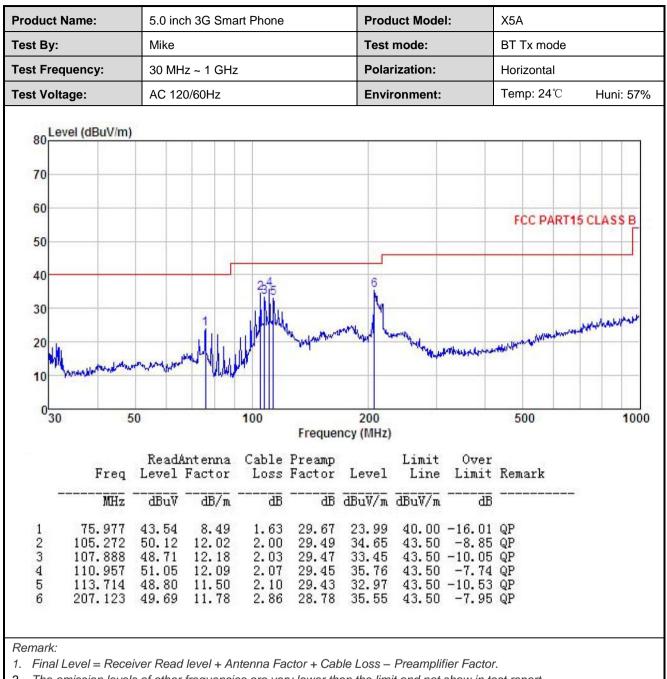
#### Measurement Data (worst case):

Product Name:	5.0 inch 3G Smart Phone	Product Model:	X5A
Test By:	Mike	Test mode:	BT Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%
		•	



2. The emission levels of other frequencies are very lower than the limit and not show in test report.





2. The emission levels of other frequencies are very lower than the limit and not show in test report.



#### Above 1GHz: Please refer to the FCC ID: O55503617