FCC REPORT

Applicant: B mobile HK Limited

Address of Applicant: Ground floor, 144 Un Chau Street, Sham Shui Po, Hong Kong

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: K106

FCC ID: ZSW-K106

Applicable standards: FCC CFR Title 47 Part 15 Subpart B: 2011

Date of sample receipt: 3 Apr., 2013

Date of Test: 3 Apr., to 18 Apr., 2013

Date of report issued: 27 Apr.,2013

Test Result: Pass *

Authorized Signature:



Bruce Zhang 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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^{*} In the configuration tested, the EUT complied with the standards specified above.



Version 2

Version No.	Date	Description
00	27 Apr.,2013	Original

Prepared by:	Sera	Date:	27 Apr., 2013	
	Report Clerk			
Reviewed by:	Roger Feng	Date:	27 Apr., 2013	

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
1st Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China 518102

Telephone: +86 (0) 755 2311 8282 Fax: +86 (0) 755 2311 6366

Project Engineer

Project No.: CCIS130400115RF

CCIS

Report No: CCIS13040011503

3 Contents

		Pa	ge
1	C	COVER PAGE	1
2	٧	/ERSION	2
3	C	CONTENTS	3
4	Т	EST SUMMARY	4
5		SENERAL INFORMATION	
4	5.2 5.3 5.4 5.5 5.6 5.7	CLIENT INFORMATION GENERAL DESCRIPTION OF E.U.T. TEST MODE DESCRIPTION OF SUPPORT UNITS LABORATORY FACILITY LABORATORY LOCATION TEST INSTRUMENTS LIST.	6 6 6
6	T	EST RESULTS AND MEASUREMENT DATA	8
	5.2	CONDUCTED EMISSION	11
8		EUT CONSTRUCTIONAL DETAILS	

Project No.: CCIS130400115RF



Project No.: CCIS130400115RF

4 Test Summary

Test Item	Section in CFR 47	Result		
Conducted Emission	Part15.107	Pass		
Radiated Emission	Part15.109	Pass		

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

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5 General Information

5.1 Client Information

Applicant:	B mobile HK Limited		
Address of Applicant:	Ground floor, 144 Un Chau Street, Sham Shui Po, Hong Kong		
Manufacturer:	PROFIT HARVEST CORPORATION LIMITED		
Address of Manufacturer:	FLAT/RM 506C 5/F INNOCENTRE 72 TAT CHEE AVENUE KOWLOON TONG KL		
Factory:	SHEN ZHEN SHAN ZHENG INDUSTRY CO.,LTD		
Address of Factory:	3/F Buiding B.NO 20 Industry 2 Road(phase 2 Technology park),DaKan Xili,Nanshan District of shenzhen		

5.2 General Description of E.U.T.

Product Name:	Mobile Phone
Model No.:	K106
AC adapter:	Input:100-240V AC,50/60Hz 0.2A
	Output:5.0V DC MAX 500mA
Power supply:	Rechargeable Li-ion Battery DC4.2V/600mAh

5.3 Test Mode

Operating mode	Detail description
Downloading mode	Keep the EUT in Downloading mode(Worst case)
Playing mode	Keep the EUT in Playing mode
Recording mode	Keep the EUT in Recording mode
FM mode	Keep the EUT in FM receiver mode

The sample was placed 0.8m 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, 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.

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Page 5 of 19



Project No.: CCIS130400115RF

5.4 Description of Support Units

Manufacturer	Manufacturer Description		Serial Number	FCC ID/DoC
DELL	PC OPTIPLEX745 N/A		DoC	
DELL	MONITOR	OR E178FPC N/A		DoC
DELL	KEYBOARD	KEYBOARD SK-8115		DoC
DELL	MOUSE	MOC5UO	N/A	DoC
HP	Printer CB495A 0525		05257893	DoC

5.5 Laboratory Facility

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

● FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing 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 out files. Registration 817957, February 27, 2012.

● 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.

5.6 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

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Project No.: CCIS130400115RF

5.7 Test Instruments list

Radi	Radiated Emission:								
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (dd-mm-yy)	Cal.Due date (dd-mm-yy)			
1	3m Semi- Anechoic Chamber	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	June 09 2012	June 08 2013			
2	EMI Test Receiver	Rohde & Schwarz	ESPI	CCIS0022	Apr.01 2013	Mar. 31 2014			
3	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	CCIS0005	June 04 2012	June 03 2013			
4	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	CCIS0006	May 30 2012	May. 29 2013			
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A			
6	Coaxial Cable	CCIS	N/A	CCIS0016	Apr. 01 2013	Mar. 31 2014			
7	Coaxial Cable	CCIS	N/A	CCIS0017	Apr. 01 2013	Mar. 31 2014			
8	Coaxial cable	CCIS	N/A	CCIS0018	Apr. 01 2013	Mar. 31 2014			
9	Coaxial Cable	CCIS	N/A	CCIS0019	Apr. 01 2013	Mar. 31 2014			
10	Coaxial Cable	CCIS	N/A	CCIS0087	Apr. 01 2013	Mar. 31 2014			
11	Amplifier(10KHz-1.3GHz)	HP	8447D	CCIS0003	Apr. 01 2013	Mar. 31 2014			
12	Amplifier(1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	June 09 2012	June 08 2013			
13	Spectrum analyzer	Rohde & Schwarz	FSP	CCIS0023	May 29 2012	May 28 2013			
14	Printer	HP	HP LaserJet P1007	N/A	N/A	N/A			
15	Positioning Controller	UC	UC3000	CCIS0015	N/A	N/A			

Cond	Conducted Emission:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (dd-mm-yy)	Cal.Due date (dd-mm-yy)				
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	June 09 2012	June 08 2013				
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	May 25 2012	May. 24 2013				
3	LISN	CHASE	MN2050D	CCIS0074	Apr. 01 2013	Mar. 31 2014				
4	Coaxial Cable	CCIS	N/A	CCIS0086	Apr. 01 2013	Mar. 31 2014				

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6 Test results and Measurement Data

6.1 Conducted Emission

Test Method: Test Frequency Range: Class / Severity: Class / BRW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Class / Description of the property of the	Test Requirement:	FCC Part15 B Section 15.107							
Class / Severity: Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-5 0.5-30 60 50 Reference Plane LISN 40cm 80cm Filter Ac power LUSN Line impedance Stabization Network Test table/Insulation plane 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance with 50ohm termination. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Test environment: Temp.: 23 °C: Humid.: 56%: Press.: 1 01kPa Measurement Record: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Test Method:	ANSI C63.4:2003	ANSI C63.4:2003						
Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-30 60 50 Test setup: Reference Plane LISN Aux Equipment Index Fest EVEL to be Invadence Stabilization Network Test table/finsulation plane Receiver 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Test environment: Test environment: Test environment: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Test Frequency Range:	150kHz to 30MHz							
Limit: Frequency range (MHz)	Class / Severity:	Class B	Class B						
Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Test environment: Test node: Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Receiver setup:	RBW=9kHz, VBW=30kHz							
Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Test environment: Test instruments: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Limit:		Limit (dRu\/\						
Test procedure Test procedure		Frequency range (MHz)		T ' '					
Test setup: Reference Plane		0.15-0.5	66 to 56*						
Test setup: Reference Plane		0.5-5	56	46					
Test procedure 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Temp.: 23 °C Humid: 56% Press.: 1 01kPa Measurement Record: Uncertainty: 3.28dB Test Instruments: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.		0.5-30	60	50					
impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). 3. 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: 2003 on conducted measurement. Test environment: Temp.: 23 °C Humid.: 56% Press.: 1 01kPa Measurement Record: Uncertainty: 3.28dB Test Instruments: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.		AUX Equipment E.U.T Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network	LISN 40cm 80cm Filter AC power Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN Line Impedence Stabilization Network						
Measurement Record: Test Instruments: Refer to section 5.7 for details Test mode: Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Test procedure	impedance stabilization netwo impedance for the measuring at 2. The peripheral devices are also that provides a 50ohm/50uH of (Please refers to the block diagonal and the sides of A.C. line are character to find the maximum emore of the interface cables must be	ork(L.I.S.N.). The provide equipment. so connected to the main coupling impedance with a gram of the test setup are ecked for maximum concission, the relative position.	a 50ohm/50uH coupling power through a LISN 50ohm termination. nd photographs). ducted interference. In ons of equipment and all					
Test Instruments: Refer to section 5.7 for details Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Test environment:	Temp.: 23 °C Humid	d.: 56% Pre	ss.: 1 01kPa					
Test mode: Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.	Measurement Record:			Uncertainty: 3.28dB					
worse case mode.	Test Instruments:	Refer to section 5.7 for details							
Test results: Pass	Test mode:		ction 5.3, and found the	bleow mode which it is					
	Test results:	Pass							

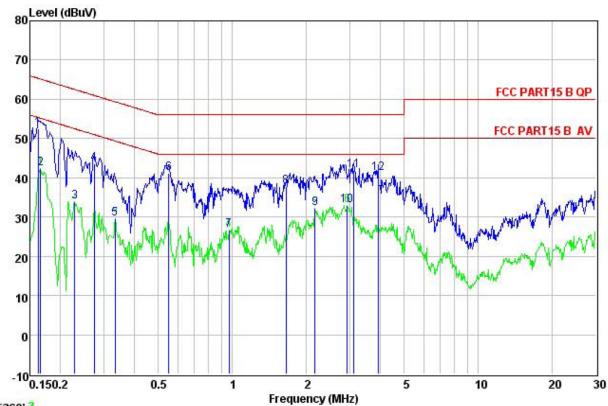
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Page 8 of 19



Measurement data:

Line:



Trace: 3

: CCIS Conducted Test Site : FCC PART15 B QP LISN LINE : 095RF Site Condition

Job No.

EUT : Mobile phone

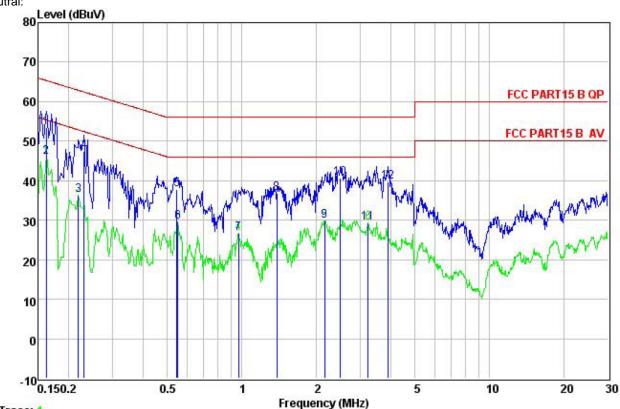
Test Mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp: 23 °C Huni:56% Atmos:101KPa Test Engineer: Winner

Test	Engineer:	Winner Read	LISN	Cable		Limit	Over	
	Freq		Factor	Loss		Line		Remark
	MHz	dBu∜	<u>dB</u>	dB	dBu∜	dBu∀	<u>dB</u>	
1	0.162	41.55	10.24	0.78	52.57	65.34	-12.77	QP
2	0.166	31.37	10.24	0.78	42.39	55.16	-12.77	Average
3	0.228	22.89	10.23	0.76	33.88	52.52	-18.64	Average
1 2 3 4 5 6 7 8 9	0.274	32.64	10.25	0.74	43.63	60.98	-17.35	QP
5	0.334	18.67	10.27	0.73	29.67	49.35	-19.68	Average
6	0.549	30.15	10.24	0.76	41.15	56.00	-14.85	QP
7	0.968	15.70	10.21	0.86	26.77	46.00	-19.23	Average
8	1.654	27.29	10.26	0.15	37.70	56.00	-18.30	QP
	2.167	21.11	10.28	0.96	32.35	46.00	-13.65	Average
10	2.931	21.85	10.29	0.92	33.06	46.00	-12.94	Average
11	3.107	30.64	10.29	0.91		56.00	-14.16	QP
12	3.901	30.06	10.29	0.89	41.24	56.00	-14.76	QP

CCIS

Report No: CCIS13040011503





Trace: 1

: CCIS Conducted Test Site : FCC PART15 B QP LISN NEUTRAL Site Condition

Job No. : 095RF

EUT : Mobile phone

Test Mode : PC mode
Power Rating : AC 120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa
Test Engineer: Winner
Read | IISN Cable | Limit

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	dB	₫B	dBu₹	dBu∀	dB	3 -13-13-13-13-13-1
1 2 3	0.162	42.47	10.26	0.78	53.51	65.34	-11.83	QP
2	0.162	34.93	10.26	0.78	45.97	55.34	-9.37	Average
	0.219	25.25	10.23	0.76	36.24	52.88	-16.64	Average
4 5 6 7 8 9	0.230	36.50	10.23	0.75	47.48	62.44	-14.96	QP
5	0.546	26.85	10.25	0.76	37.86	56.00	-18.14	QP
6	0.549	18.52	10.25	0.76	29.53	46.00	-16.47	Average
7	0.968	15.58	10.20	0.86	26.64	46.00	-19.36	Average
8	1.381	26.01	10.23	0.50	36.74	56.00	-19.26	QP
9	2.155	18.66	10.27	0.96	29.89	46.00	-16.11	Average
10	2.500	29.45	10.27	0.94	40.66	56.00	-15.34	QP
11	3.224	18.23	10.28	0.90	29.41	46.00	-16.59	Average
12	3.881	28.44	10.28	0.89	39.61	56.00	-16.39	QP

Notes:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

Shenzhen Zhongjian Nanfang Testing Co., Ltd. 1st Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China 518102

Project No.: CCIS130400115RF



6.2 Radiated Emission

0.2 Radiated Ellission										
Test Requirement:	FCC Part15 B Section 15.109									
Test Method:	ANSI C63.4:2003	ANSI C63.4:2003								
Test Frequency Range:	30MHz to 6000M	30MHz to 6000MHz								
Test site:	Measurement Dis	stance: 3m (Ser	ni-Anechoic Ch	amber)						
Receiver setup:	Frequency									
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value					
	Above 1GHz	Peak	1MHz	3MHz	Peak Value					
		Peak	1MHz	10Hz	Average Value					
Limit:	Freque		Limit (dBuV/		Remark					
	30MHz-8		40.0		Quasi-peak Value					
	88MHz-2		43.5		Quasi-peak Value					
	216MHz-9		46.0		Quasi-peak Value					
	960MHz-	·1GHz	54.0		Quasi-peak Value					
	Above 1	GHz	54.0		Average Value					
			74.0)	Peak Value					
Test setup:	Below 1GHz Antenna Tower Search Antenna RF Test Receiver Turn 0.8m Im Table Antenna Tower Antenna Tower Horn Antenna Spectrum Analyzer Amplifier									

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Project No.: CCIS130400115RF



Test Procedure:	The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.							
	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.							
	3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.							
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.							
	The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.							
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.							
Test environment:	Temp.: 25 °C Humid.: 55% Press.: 1 01kPa							
Measurement Record:	Uncertainty: 4.88d							
Test Instruments:	Refer to section 5.7 for details							
Test mode:	Pre-scan all test mode in the section 5.3, and found the bleow mode which it is worse case mode.							
Test results:	Passed							

Remark:

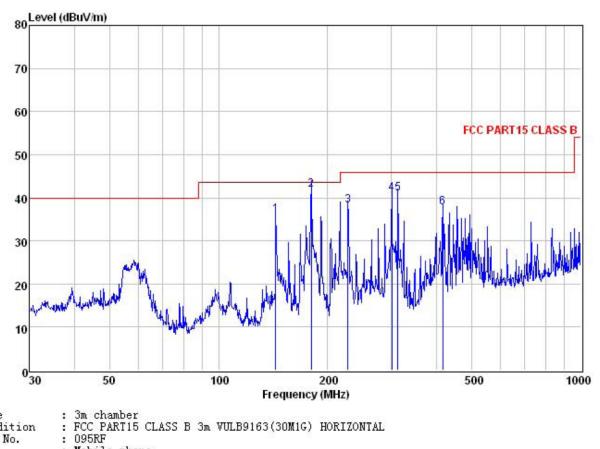
1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case.



Measurement Data

Below 1GHz

Horizontal:



Site

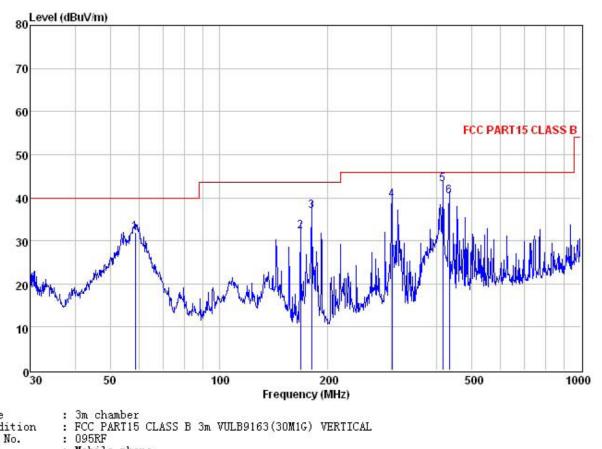
Condition Job No. : Mobile phone

Test mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp:25°C Huni:55% Atmos:101Kpa Test Engineer: Winner

TITETHOOF.								
	ReadAntenna		Cable	Preamp		Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBm	dB/m	dB	<u>dB</u>	dBm/m	dBm/m	dB	
143.830	54.77	8.22	2.44	29.32	36.11	43.50	-7.39	QP
180.017	55.97	9.68	2.73	26.51	41.87	43.50	-1.63	QP
227.691	53.48	11.51	2.84	29.69	38.14	46.00	-7.86	QP
300.367	54.42	13.06	2.94	29.44	40.98	46.00	-5.02	QP
312.179	54.30	13.22	2.98	29.49	41.01	46.00	-4.99	QP
416.179	49.31	15.39	3.12	30.11	37.71	46.00	-8.29	QP
	Freq MHz 143.830 180.017 227.691 300.367 312.179	MHz dBm 143.830 54.77 180.017 55.97 227.691 53.48 300.367 54.42 312.179 54.30	ReadAntenna Freq Level Factor MHz dBm dB/m 143.830 54.77 8.22 180.017 55.97 9.68 227.691 53.48 11.51 300.367 54.42 13.06 312.179 54.30 13.22	ReadAntenna Cable Freq Level Factor Loss MHz dBm dB/m dB 143.830 54.77 8.22 2.44 180.017 55.97 9.68 2.73 227.691 53.48 11.51 2.84 300.367 54.42 13.06 2.94 312.179 54.30 13.22 2.98	ReadAntenna Cable Preamp Level Factor Loss Factor MHz dBm dB/m dB dB 143.830 54.77 8.22 2.44 29.32 180.017 55.97 9.68 2.73 26.51 227.691 53.48 11.51 2.84 29.69 300.367 54.42 13.06 2.94 29.44 312.179 54.30 13.22 2.98 29.49	ReadAntenna Cable Preamp Level Factor Loss Factor Level MHz dBm dB/m dB dB dB dBm/m 143.830 54.77 8.22 2.44 29.32 36.11 180.017 55.97 9.68 2.73 26.51 41.87 227.691 53.48 11.51 2.84 29.69 38.14 300.367 54.42 13.06 2.94 29.44 40.98 312.179 54.30 13.22 2.98 29.49 41.01	ReadAntenna Cable Preamp Limit Level Factor Level Line Level Factor Level Factor Level Line Level Factor Level Factor Level Factor Level Line Level Factor Level Fact	ReadAntenna Cable Preamp Limit Over Level Factor Level Line Limit



Vertical:



Site

Condition Job No. EUT : Mobile phone

Test mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp:25°C Huni:55% Atmos:101Kpa

est	Engineer: Freq	Read	Ant enna		Preamp Factor		Limit Line	Over Limit	Remark
	MHz	dBm	dB/m	<u>dB</u>	<u>dB</u>	dBm/m	dBm/m	dB	
1 2	58.613	46.87	12.79	1.37	29.09	31.94	40.00	-8.06	QP
2	167.824	49.60	8.90	2.64	29.01	32.13	43.50	-11.37	QP
3	180.017	51.03	9.68	2.73	26.51	36.93	43.50	-6.57	QP
4	300.367	52.88	13.06	2.94	29.44	39.44	46.00	-6.56	QP
5	416.179	54.61	15.39	3.12	30.11	43.01	46.00	-2.99	QP
6	432.546	52.03	15.53	3.16	30.31	40.41	46.00	-5.59	QP

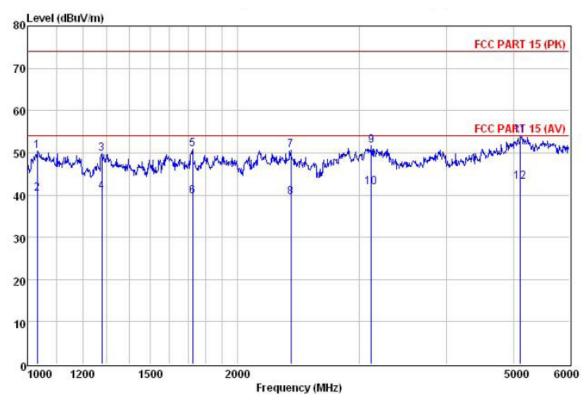
Project No.: CCIS130400115RF

Telephone: +86 (0) 755 2311 8282 Fax: +86 (0) 755 2311 6366 Page 14 of 19



Above 1GHz

Horizontal:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(>1GHZ) HORIZONTAL : 095RF Condition

Job No. EUT : Mobile phone

Test mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp:25°C Huni:55% Atmos:101Kpa Test Engineer: Winner

est	Engineer: Freq	Read	Antenna Factor	100000000000000000000000000000000000000	Preamp Factor		Limit Line	Over Limit	Remark
	MHz	dBu∀	dB/m	d₿	₫B	dBuV/m	dBu√/m	dB	
1	1032.777	65.24	0.00	2.34	17.28	50.30	74.00	-23.70	Peak
2	1032.777	55.24	0.00	2.34	17.28	40.30	54.00	-13.70	Average
3	1278.223	66.62	0.00	2.71	19.63	49.70	74.00	-24.30	Peak
4	1278.223	57.62	0.00	2.71	19.63	40.70	54.00	-13.30	Average
5	1727.174	75.84	0.00	3.24	28.33	50.75	74.00	-23.25	Peak
6	1727.174	64.84	0.00	3.24	28.33	39.75	54.00	-14.25	Average
7	2388.809	76.83	0.00	3.81	30.10	50.54	74.00	-23.46	Peak
8	2388.809	65.83	0.00	3.81	30.10	39.54	54.00	-14.46	Average
9	3119.795	76.75	0.00	4.49	29.50	51.74	74.00	-22.26	Peak
10	3119.795	66.75	0.00	4.49	29.50	41.74	54.00	-12.26	Average
11	5106.433	71.85	0.00	6.06	23.88	54.03	74.00	-19.97	Peak
12	5106.433	60.85	0.00	6.06	23.88	43.03	54.00	-10.97	Average

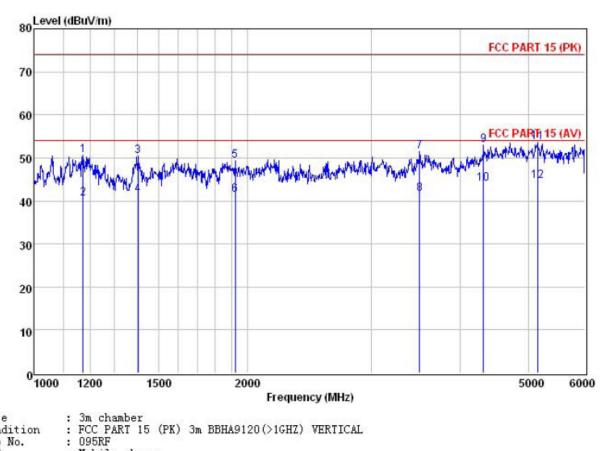
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Project No.: CCIS130400115RF

Page 15 of 19



Vertical:



Site

Condition

Job No.

EUT : Mobile phone

Test mode : PC mode Power Rating : AC 120V/60Hz Environment : Temp:25°C Huni:55% Atmos:101Kpa Test Engineer: Winner

rest	rugineer:		Antenna	Cable	Preamp		Limit	Over	
	Freq		Factor		Factor		Line	Annual Control of the	Remark
	MHz	dBu∜	dB/m	₫B	₫B	dBuV/m	dBu√/m	dB	
1	1172.885	66.55	0.00	2.57	18.48	50.64	74.00	-23.36	Peak
2	1172.885	56.55	0.00	2.57	18.48	40.64	54.00	-13.36	Average
2	1403.042	69.11	0.00	2.88	21.66	50.33	74.00	-23.67	Peak
4 5 6 7 8 9	1403.042	60.11	0.00	2.88	21.66	41.33	54.00	-12.67	Average
5	1923.203	76.26	0.00	3.43	30.38	49.31	74.00	-24.69	Peak
6	1923.203	68.26	0.00	3.43	30.38	41.31	54.00	-12.69	Average
7	3505.144	74.59	0.00	4.86	27.90	51.55	74.00	-22.45	Peak
8	3505.144	64.59	0.00	4.86	27.90	41.55	54.00	-12.45	Average
9	4314.907	72.63	0.00	5.53	25.21	52.95	74.00	-21.05	Peak
10	4314.907	63.63	0.00	5.53	25. 21	43.95	54.00	-10.05	Average
11	5143.163	71.35	0.00	6.08	23.87	53.56	74.00	-20.44	Peak
12	5143.163	62.35	0.00	6.08	23.87	44.56	54.00	-9.44	Average