FCC REPORT

Applicant: ABBA INNOVATIONS.A.S

Address of Applicant:

Calle 76 No. 52-40 Local 1 Alto Prado Barranquilla Colombia

Equipment Under Test (EUT)

Product Name: Mobile Phone

Trade Mark: Taxcel, yaddas, airus, tellme

Model No.: i8S, i8, i5S,T5,Q7,Q10,Z4,Q3,Q5,W100,C9,S999

FCC ID: Z87ABBAI8S

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

Date of sample receipt: 17 Jan., 2013

Date of Test: 22-30 Jan., 2013

Date of report issued: 30 Jan., 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.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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



Version 2

Version No.	Date	Description
00	30 Jan., 2013	Original

Prepared by:	Lisa chon	Date:	30 Jan., 2013
	Report Clerk	 -	
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Wimer Many
Project Engineer Reviewed by: 30 Jan., 2013 Date:

) -

Report No: CCIS13010001103

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4 Test Summary

Test Item	Section in CFR 47	Result		
Conducted Emission	Part15.107	Pass		
Readiated Emissions	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:	ABBA INNOVATIONS.A.S
Address of Applicant:	Calle 76 No. 52-40 Local 1 Alto Prado Barranquilla Colombia
Manufacturer/ Factory:	MOVICOM TECHNOLOGY CO.,LIMITED.
Address of Manufacturer/ Factory:	B, Xingheshiji Bldg. 3069, Caitian Rd., Futian District,
	Shenzhen, China

5.2 General Description of E.U.T.

Product Name:	Mobile Phone
Trade Mark:	Taxcel, yaddas, airus, tellme
Model No.:	i8S, i8, i5S,T5,Q7,Q10,Z4,Q3,Q5,W100,C9,S999
AC adapter:	Input:100-240V AC,50/60Hz 0.2A
	Output:5V DC MAX500mA
Power supply:	Rechargeable Li-ion Battery DC3.7V/800mAh
Remarks:	Only test the Model No.: i8S, The Model: i8, i5S,T5,Q7,Q10,Z4,
	Q3,Q5,W100,C9,S999 and i8S identical inside, electrical circuit design, PCB layout, components used and internal wiring ,the difference being the Color of appearance.

5.3 Operating Modes

Operating mode	Detail description
Downloading mode	Keep the EUT in Downloading mode(Worst case)
FM mode	Keep the EUT in FM receiving mode
Camera mode	Keep the EUT in Camera mode
Play mode	Keep the EUT in Play mode
Recording mode	Keep the EUT in Recording mode
TV mode	Keep the EUT in TV mode

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5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
HP	Printer	P1007 VNFP409729		DoC
HP	PC	Pro 2000MT N/A		DoC
HP	MONITOR	CompaqLE1851WL	515682-070	DoC
HP	KEYBOARD	SK-2880	434820-AA2	DoC
HP	MOUSE MOC5UO		N/A	DoC

5.5 Deviation from Standards

None

5.6 Abnormalities from Standard Conditions

None.

5.7 Other Information Requested by the Customer

None.

5.8 Test Facility

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

● FCC —Registration No.: 817957

China Certification & Inspection Services Co., Ltd., Shenzhen 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

Industry Canada (IC)

The 3m Semi-anechoic chamber of China Certification & Inspection Services Co., Ltd. Has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

5.9 Test Location

All tests were performed at:

China Certification & Inspection Services Co., Ltd.

Address: 1st Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China

Tel: 0755-23118282 Fax: 0755-23116366

China Certification & Inspection Services Co., Ltd.
1st Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China 518102

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6 Test Instruments list

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	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	CCIS0005	June 04 2012	June 03 2013
3	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	CCIS0006	May 30 2012	May 29 2013
4	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
5	Coaxial Cable	CCIS	N/A	CCIS0016	Apr. 01 2012	Mar. 31 2013
6	Coaxial Cable	CCIS	N/A	CCIS0017	Apr. 01 2012	Mar. 31 2013
7	Coaxial cable	CCIS	N/A	CCIS0018	Apr. 01 2012	Mar. 31 2013
8	Coaxial Cable	CCIS	N/A	CCIS0019	Apr. 01 2012	Mar. 31 2013
9	Coaxial Cable	CCIS	N/A	CCIS0087	Apr. 01 2012	Mar. 31 2013
10	Amplifier(10kHz- 1.3GHz)	НР	8447D	CCIS0003	Apr. 01 2012	Mar. 31 2013
11	Amplifier(1GHz- 18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	June 09 2012	June 08 2013
12	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	Apr. 01 2012	Mar. 31 2013
13	Horn Antenna	ETS-LINDGREN	3160	GTS217	Mar. 30 2012	Mar. 29 2013
14	Printer	HP	HP LaserJet P1007	N/A	N/A	N/A
15	Positioning Controller	UC	UC3000	CCIS0015	N/A	N/A
16	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP	CCIS0023	May. 29 2012	May. 28 2013
17	EMI Test Receiver	Rohde & Schwarz	ESPI	CCIS0022	Apr 01 2012	Mar. 31 2013
18	Loop antenna	Laplace instrument	RF300	EMC0701	Aug. 12 2012	Aug. 11 2013
19	CMU200	Rhode & Schwarz	1100.0008.02	CCIS0069	May. 29 2012	May. 28 2013

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 2012	Mar. 31 2013			
4	Coaxial Cable	CCIS	N/A	CCIS0086	Apr. 01 2012	Mar. 31 2013			
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A			

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7 Test results and Measurement Data

7.1 Conducted Emissions

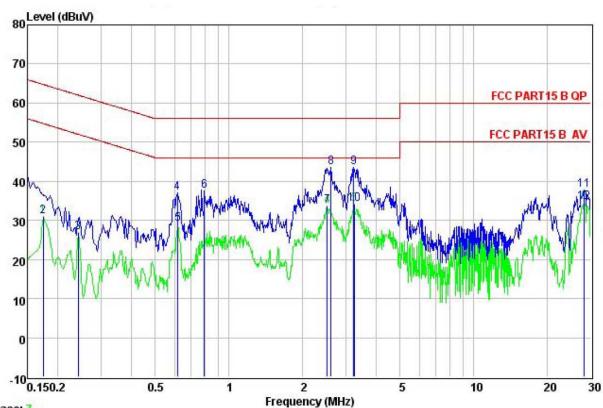
Test Method: Test Frequency Range: 150kHz to 30MHz Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 0.5-30 Class / Severity: Limit: Limit: Limit (dBµV) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-30 Average 0.15-0.5-30 Average 0.15-0.	Test Requirement:	FCC Part15 B Section 15.107	FCC Part15 B Section 15.107					
Class / Severity: Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56* 56 to 46* 0.5-3 0.5-3 60 Test setup: Reference Plane LISN Average 0.15-0.5 80 cm Reference Plane LISN Filter Ac power ELUS 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 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: Temp.: 23 °C: Humid.: 56%: Press.: 1 01kPa Measurement Record: Refer to section 6 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 Method:	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 Fiel 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 6 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	150kHz to 30MHz					
Limit: Frequency range (MHz)	Class / Severity:	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 stable integrates of the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance with 500hm 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 6 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 (dBuV)				
Test setup: Compared Compare		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 6 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 6 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	Filter — AC pox	wer				
Measurement Record: Test Instruments: Refer to section 6 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 of the peripheral devices are also that provides a 500hm/50uH of (Please refers to the block diagonal and the stable order to find the maximum emore of the interface cables must be	rk(L.I.S.N.). The provide equipment. so connected to the main coupling impedance with gram of the test setup an ecked for maximum concission, the relative position.	a 50ohm/50uH coupling power through a LISN 50ohm termination. and photographs). ducted interference. In ons of equipment and all				
Test Instruments: Refer to section 6 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 Humio	d.: 56% Pre	ess.: 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 6 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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Measurement data:

Line:



Trace: 7

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

Job. no : 011RF EUT : Mobile phone Model : I8S

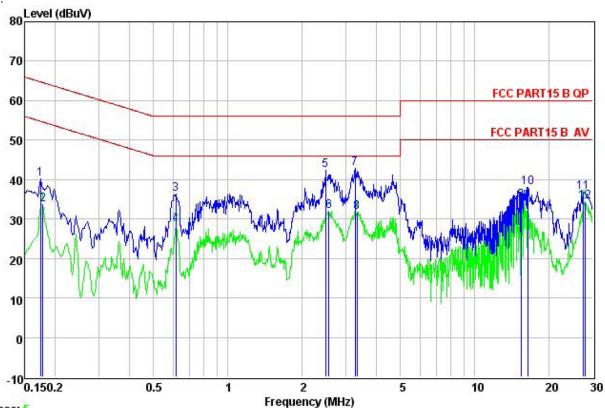
Test Mode : Downloading mode
Power Rating : AC 120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa
Test Engineer: Winner

iest	Freq	Read	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∀	<u>dB</u>	dB	dBu₹	dBu∜	<u>dB</u>	
1	0.150	30.32	10.25	0.79	41.36	66.00	-24.64	QP
2	0.174	20.03	10.23	0.77	31.03	54.77	-23.74	Average
3	0.242	16.05	10.23	0.75	27.03	52.04	-25.01	Average
1 2 3 4 5 6 7 8 9	0.614	26.00	10.21	0.77	36.98	56.00	-19.02	QP
5	0.617	18.22	10.21	0.77	29.20	46.00	-16.80	Average
6	0.792	26.44	10.19	0.80	37.43	56.00	-18.57	QP
7	2.513	22.57	10.28	0.94	33.79	46.00	-12.21	Average
8	2.608	32.28	10.28	0.94	43.50	56.00	-12.50	QP
	3. 224	32.32	10.29	0.90	43.51	56.00	-12.49	QP
10	3.241	23.01	10.29	0.90	34.20	46.00	-11.80	Average
11	28. 152		10.76	0.87	37.68	0 POP 0 15 15 15	-22.32	
12	28.302	22.92	10.78	0.87	34.57	50.00	-15.43	Average

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Report No: CCIS13010001103

Neutral:



Trace: 5

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

: 011RF Job. no EUT : Mobile phone Model 185

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

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	₫₿u₹	<u>dB</u>	dB	dBu₹	−−dBuV	<u>ab</u>	
1	0.174	29.17	10.25	0.77	40.19		-24.58	
2	0.178	22.69	10.25	0.77	33.71	54.59	-20.88	Average
3	0.614	25.36	10.21	0.77	36.34	56.00	-19.66	QP
4	0.614	17.53	10.21	0.77	28.51	46.00	-17.49	Average
5	2.487	31.17	10.27	0.95	42.39	56.00	-13.61	QP
6	2.567	20.88	10.27	0.94	32.09	46.00	-13.91	Average
7	3.276	31.68	10.28	0.90	42.86	56.00	-13.14	QP
1 2 3 4 5 6 7 8 9	3.328	20.66	10.28	0.90	31.84	46.00	-14.16	Average
9	15.388	23.44	10.24	0.90	34.58	50.00	-15.42	Average
10	16.398	26.93	10.26	0.91	38.10	60.00	-21.90	QP
11	27.562	25.32	10.72	0.87	36.91	60.00	-23.09	QP
12	27.855	22.71	10.74	0.87	34.32	50.00	-15.68	Average

Notes:

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

China Certification & Inspection Services Co., Ltd. 1st Floor, Block No.2, Laodong Industrial Zone, Xixiang Road Baoan District, Shenzhen, China 518102

Project No.: CCIS130100011RF



7.2 Radiated Emission

7.2 Radiated Ellission									
Test Requirement:	FCC Part15 B Section 15.109								
Test Method:	ANSI C63.4:2003	}							
Test Frequency Range:	30MHz to 6000M	Hz							
Test site:	Measurement Dis	stance: 3m (Sen	ni-Anechoic Ch	amber)					
Receiver setup:	Frequency	Detector	RBW	VBW	Remark				
	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				
	L		74.0)	Peak Value				
Test setup:	Ground Plane — Above 1GHz	Sm Im	Si	Antenna Tower Search Antenna RF Test Receiver Antenna Tower Antenna Tower Antenna Tower					

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Test Procedure:	1. 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: 4.88dB							
Test Instruments:	Refer to section 6 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							
Tool Toodito.	1 43554							

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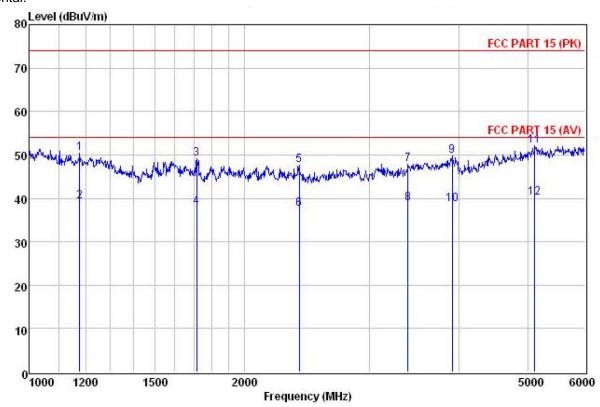
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Measurement Data

Above 1GHz

Horizontal:



Site

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

Job No. : 011RF EUT : Mobile phone Model : I8S Test mode : Downloading mode

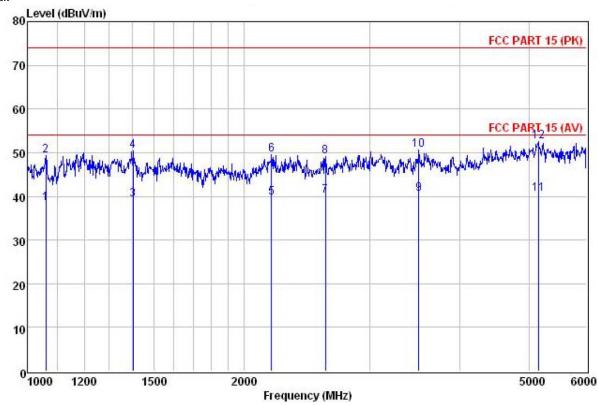
Power Rating: AC 120V/60Hz Environment: Temp:25°C Huni:55% Atmos:101Kpa

lest	Engineer:		Antenna	Cable	Preamp		Limit	Over		
	Freq		Factor		Factor			Limit	Remark	
	MHz	dBu∀	dB/m	dB	₫B	dBuV/m	dBuV/m	dB		
1	1177.096	41.46	24.75	2.57	18.48	50.30	74.00	-23.70	Peak	
2	1177.096	30.46	24.75	2.57	18.48	39.30	54.00	-14.70	Average	
3	1717.915	48.87	25.01	3.24	28.11	49.01	74.00	-24.99	Peak	
4	1717.915	37.87	25.01	3.24	28.11	38.01	54.00	-15.99	Average	
5	2388.809	46.25	27.58	3.81	30.10			-26.46	Peak	
6	2388.809	36.25	27.58	3.81	30.10	37.54	54.00	-16.46	Average	
7	3393.901	42.89	28.46	4.77	28.20	47.92	74.00	-26.08	Peak	
1 2 3 4 5 6 7 8	3393.901	33.89	28.46	4.77	28.20	38.92	54.00	-15.08	Average	
	3909.967	41.56	29.77	5.23	26.86	49.70		-24.30		
10	3909.967	30.56	29.77	5.23	26.86	38.70	54.00	-15.30	Average	
11	5106.433	37.74	32.11	6.06	23.88	52.03		-21.97		
12	5106.433	25.74	32.11	6.06	23.88	40.03	54.00	-13.97	Average	

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Report No: CCIS13010001103

Vertical:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(>1GHZ) VERTICAL Condition

: 011RF Job No.

EUT : Mobile phone

Model : I8S

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

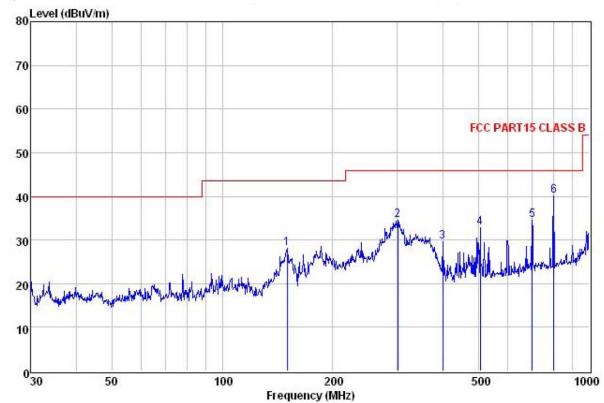
Γest	Engineer:		Antenna	Coblo	Preamp		Limit	Over	
	Freq		Factor		Factor		Limit		Remark
	MHz	dBu∀	<u>dB</u> /m	<u>dB</u>	dB	$\overline{dBuV/m}$	dBuV/m	dB	
1	1060.911	29.18	24.33	2.39	17.55			-15.65	Average
2	1060.911	40.18	24.33	2.39	17.55	49.35	74.00	-24.65	
3	1403.042	32.71	25.40	2.88	21.66	39.33	54.00	-14.67	Average
4	1403.042	43.71	25.40	2.88	21.66	50.33	74.00	-23.67	
5	2188.024	38.84	27.81	3.66	30.71	39.60	54.00	-14.40	Average
4 5 6	2188.024	48.84	27.81	3.66	30.71	49.60	74.00	-24.40	
7	2598.691	38.91	27.80	3.96	30.58			-13.91	Average
8	2598.691	47.91	27.80	3.96	30.58	49.09	74.00	-24.91	COURT OF STORY OF THE
9	3505, 144	34.64	28.95	4.86	27.90	40.55	54.00	-13.45	Average
10	3505, 144	44.64	28.95	4.86	27.90	50.55		-23.45	
11	5143, 163		32.08	6.08	5 THE THE STATE OF				Average
12	5143.163		32.08	6.08	23.87	52.56		-21.44	

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Below 1GHz

Horizontal:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(2012.4.1) HORIZONTAL Condition

: 011RF Job No.

: Mobile phone : I8S EUT

Model

Test mode : Downloading mode

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

Tes

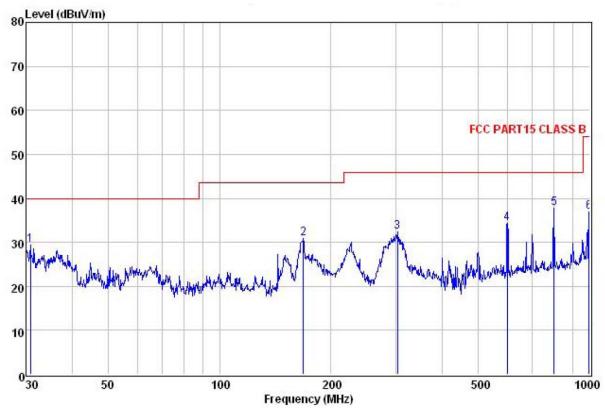
st	1000				Cable Preamp Loss Factor		Limit Line			
	MHz	dBm	<u>dB</u> /m	<u>d</u> B	<u>ab</u>			<u>d</u> B		-
1 2 3	150.011	46.52	8.26	2.52	29.23	28.07	43.50	-15.43	QP	
2	300.367	47.90	13.06	2.94	29.44	34.46	46.00	-11.54	QP	
3	399.030	41.44	15.06	3.08	29.89	29.69	46.00	-16.31	QP	
4	504.706	43.06	16.68	3.65	30.52	32.87	46.00	-13.13	QP	
4 5	699.305	42.17	18.80	4.17	30.60	34.54	46.00	-11.46	QP	
6	801, 786	46, 04	20.06	4.34	30, 40			-5.96	100 TO 100 Inc.	

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Report No: CCIS13010001103

Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(2012.4.1) VERTICAL : 011RF Condition

Job No. EUT Mobile phone Model : I8S

: Downloading mode Test mode

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

Test Engineer: Winner

000	Freq	Read	Antenna Factor						
	MHz	dBm					_dBm/m	<u>dB</u>	
1	30.853	42.73	12.32	0.78	26.36	29.47	40.00	-10.53	QP
2	168.414	48.20	8.92	2.64	28.94	30.82	43.50	-12.68	QP
3	302.481	45.88	13.08	2.95	29.44	32.47	46.00	-13.53	QP
4	599.321	42.47	18.45	3.94	30.55	34.31	46.00	-11.69	QP
5	801.786	43.74	20.06	4.34	30.40	37.74	46.00	-8.26	QP
6	996.500	40.56	21.71	4.45	29.77	36.95	54.00	-17.05	QP

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