# **FCC REPORT**

Applicant: Shenzhen Fortuneship Technology CO., LTD

7th floor, Kingson Building, New Energy Innovation Industrial

Address of Applicant: Park, No.1 ChuangSheng Road, Xili, Nanshan District,

Shenzhen, P.R.China

**Equipment Under Test (EUT)** 

Product Name: SMART PHONE

Model No.: FSM3500G, LS001(A-Z)

FCC ID: 2ABXI-LS001

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

Date of sample receipt: 24 Oct., 2014

**Date of Test:** 24 Oct., to 13 Nov., 2014

Date of report issued: 13 Nov., 2014

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.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

<sup>\*</sup> In the configuration tested, the EUT complied with the standards specified above.





2 Version

Version No.	Date	Description
00	13 Nov., 2014	Original

Prepared by: 13 Nov., 2014

Report Clerk

Reviewed by: Date: 13 Nov., 2014

Project Engineer





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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.



# 5 General Information

## 5.1 Client Information

Applicant:	Shenzhen Fortuneship Technology CO., LTD
©Address of Applicant:	7 <sup>th</sup> floor, Kingson Building, New Energy Innovation Industrial Park, No.1 ChuangSheng Road, Xili, Nanshan District, Shenzhen, P.R.China
Manufacturer:	Shenzhen Fortuneship Technology CO., LTD
Address of Manufacturer:	7 <sup>th</sup> floor, Kingson Building, New Energy Innovation Industrial Park, No.1 ChuangSheng Road, Xili, Nanshan District, Shenzhen, P.R.China
Factory:	Huizhou Fortuneship Technology CO., LTD
Address of Factory:	He Chang East 4 Road No.1, ZhongKai ZIP, Hui Zhou City, Guang Dong Province, China

# 5.2 General Description of E.U.T.

Product Name:	SMART PHONE
Model No.:	FSM3500G, LS001(A-Z)
Power supply:	Rechargeable Li-ion Battery DC3.8V-2300mAh
	Model: A31-501000
AC adapter :	Input:100-240V AC, 50/60Hz 0.2A
	Output:5.0V DC, 1A

## 5.3 Test Mode

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging & Playing mode	Keep the EUT in Charging & Playing mode
Charging & Recording	Keep the EUT in Charging & Recording mode
Charging & FM mode	Keep the EUT in Charging & FM 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.



## 5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
DELL	PC	OPTIPLEX745 N/A		DoC
DELL	MONITOR E178FPC		N/A	DoC
DELL	KEYBOARD SK-8115		N/A	DoC
DELL	MOUSE MOC5UO		N/A	DoC
HP	HP Printer		05257893	DoC
MERCURY	Wireless router	MW150R	12922104015	FCC ID

## 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

Tel: 0755-23118282 Fax: 0755-23116366

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



## 5.7 Test Instruments list

Radiated Emission:								
Item	Test Equipment	pment Manufacturer Model No.		Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
1	3m Semi- Anechoic Chamber	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	Aug 23 2014	Aug 22 2017		
2	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	CCIS0005	Apr 19 2014	Apr 19 2015		
3	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	CCIS0006	Apr 19 2014	Apr 19 2015		
4	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
5	Coaxial Cable	CCIS	N/A	CCIS0016	Apr. 01 2014	Mar. 31 2015		
6	Coaxial Cable	CCIS	N/A	CCIS0017	Apr. 01 2014	Mar. 31 2015		
7	Coaxial cable	CCIS	N/A	CCIS0018	Apr. 01 2014	Mar. 31 2015		
8	Coaxial Cable	CCIS	N/A	CCIS0019	Apr. 01 2014	Mar. 31 2015		
9	Coaxial Cable	CCIS	N/A	CCIS0087	Apr. 01 2014	Mar. 31 2015		
10	Amplifier(10kHz- 1.3GHz)	HP	8447D	CCIS0003	Apr. 01 2014	Mar. 31 2015		
11	Amplifier(1GHz- 18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	June 09 2014	June 08 2015		
12	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	Apr. 01 2014	Mar. 31 2015		
13	Horn Antenna	ETS-LINDGREN	3160	GTS217	Mar. 30 2014	Mar. 29 2015		
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	Spectrum analyzer Rohde & Schwarz		CCIS0023	Apr 19 2014	Apr 19 2015		
17	EMI Test Receiver	Rohde & Schwarz	ESPI	CCIS0022	Apr 01 2014	Mar. 31 2015		
18	Loop antenna	Laplace instrument	RF300	EMC0701	Apr 01 2014	Mar. 31 2015		
19	Universal radio communication tester		CMU200	CCIS0069	May. 29 2014	May. 28 2015		
20	Signal Analyzer	Rohde & Schwarz	FSIQ3	CCIS0088	Apr 19 2014	Apr 19 2015		

Cond	Conducted Emission:										
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)					
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	Oct 10 2012	Oct 09 2015					
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	Apr 10 2014	Apr 09 2015					
3	LISN	CHASE	MN2050D	CCIS0074	Apr 10 2014	Apr 10 2015					
4	Coaxial Cable	CCIS	N/A	CCIS0086	Apr. 01 2014	Mar. 31 2015					





# 6 Test results and Measurement Data

## 6.1 Conducted Emission

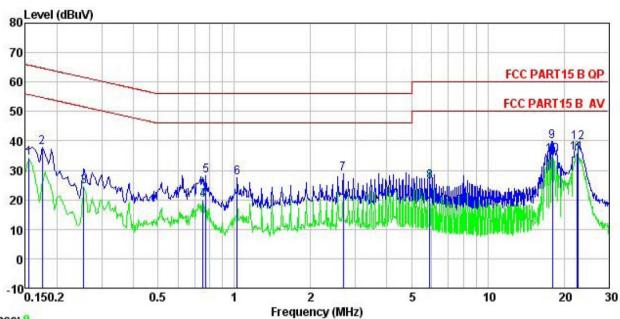
Test Requirement:	FCC Part15 B Section 15.107							
Test Method:	ANSI C63.4:2003	ANSI C63.4:2003						
Test Frequency Range:	150kHz to 30MHz	150kHz to 30MHz						
Class / Severity:	Class B							
Receiver setup:	RBW=9kHz, VBW=30kHz							
Limit:	Limit (dBµV)							
	Frequency range (MHz)  Quasi-peak  Average							
	0.15-0.5 66 to 56* 56 to 46*							
	0.5-5	56	46					
	0.5-30	60	50					
Test procedure	Reference Plane  LISN  40cm  80cm  Filter  AC power  Equipment  Test table/Insulation plane  Remark  E.U.T  EMI Receiver  Remark  E.U.T: Equipment Under Test  L/SN: Line Impedence Stabilization Network  Test table height=0.8m							
Test procedure	<ol> <li>The E.U.T and simulators are impedance stabilization network coupling impedance for the med.</li> <li>The peripheral devices are also that provides a 500hm/50uH of (Please refers to the block dia).</li> <li>Both sides of A.C. line are chorder to find the maximum em of the interface cables must be conducted measurement.</li> </ol>	rk(L.I.S.N.). The provide easuring equipment. o connected to the main oupling impedance with gram of the test setup an ecked for maximum concission, the relative position.	power through a LISN 500hm termination. ad photographs). ducted interference. In ons of equipment and all					
Test environment:	Temp.: 23 °C Humio	d.: 56% Pre	ss.: 1 01kPa					
Measurement Record:		1	Uncertainty: 3.28dB					
Test Instruments:	Refer to section 5.7 for details							
Test mode:	Refer to section 5.3 for details							
Test results:	Passed							





#### Measurement data:

Line:



Trace: 9

: CCIS Shielding Room : FCC PART15 B QP LISN LINE Site Condition

Job. no : 876RF

EUT : SMART PHONE Model : FSM3500G Test Mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: MT

Remark

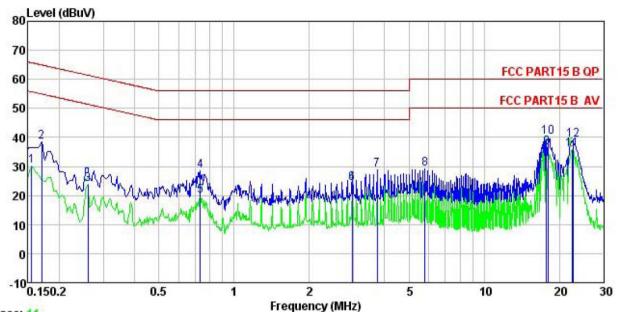
Ronark	Freq	Read Level		Cable Loss	Level	Limit Line	Over Limit	Remark
-	MHz	dBu∜	dB	₫B	dBu∀	dBu∜	dB	
1	0.155	23.00	0.27	10.78	34.05	55.74	-21.69	Average
1 2 3 4 5 6 7 8 9	0.175	26.67	0.27	10.77	37.71	64.72	-27.01	QP
3	0.255	13.57	0.27	10.75	24.59	51.60	-27.01	Average
4	0.751	8.88	0.23	10.79	19.90			Average
5	0.771	17.26	0.23	10.80	28.29	56.00	-27.71	QP
6	1.027	16.41	0.25	10.87	27.53	56.00	-28.47	QP
7	2.692	17.79	0.27	10.93	28.99	56.00	-27.01	QP
8	5.898	15.02	0.31	10.82	26.15	50.00	-23.85	Average
9	17.944	28.57	0.33	10.90	39.80	60.00	-20.20	QP
10	17.944	23.78	0.33	10.90	35.01	50.00	-14.99	Average
11	22.535	24.49	0.44	10.89	35.82	50.00	-14.18	Average
12	22,655	28.06	0.44	10.89	39.39	60.00	-20.61	QP

Shenzhen, China 518102





#### Neutral:



Trace: 11

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL Site Condition

: 876RF Job. no : SMART PHONE EUT : FSM3500G Model Test Mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: MT Remark

: Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
MHz	dBuV	<u>dB</u>	₫B	dBu₹	dBu₹	<u>dB</u>	
0.155	19.24	0.25	10.78	30.27	55.74	-25.47	Average
0.170	27.47	0.25	10.77	38.49	64.94	-26.45	QP
0.260	12.83	0.26	10.75	23.84	51.42	-27.58	Average
0.731	17.47	0.18	10.78	28.43	56.00	-27.57	QP
0.731	8.86	0.18	10.78	19.82	46.00	-26.18	Average
2.962	12.98	0.29	10.92	24.19	46.00	-21.81	Average
3.740	17.71	0.29	10.90	28.90	56.00	-27.10	QP
5.805	17.97	0.27	10.83	29.07	60.00	-30.93	QP
17.755	25.24	0.26	10.90	36.40	50.00	-13.60	Average
18.039	29.03	0.26	10.90	40.19	60.00	-19.81	QP
22.416	24.50	0.37	10.90	35.77	50.00	-14.23	Average
22.655	27.81	0.38	10.89	39.08	60.00	-20.92	QP
	MHz 0. 155 0. 170 0. 260 0. 731 0. 731 2. 962 3. 740 5. 805 17. 755 18. 039 22. 416	Freq Level  MHz dBuV  0.155 19.24 0.170 27.47 0.260 12.83 0.731 17.47 0.731 8.86 2.962 12.98 3.740 17.71 5.805 17.97 17.755 25.24 18.039 29.03 22.416 24.50	MHz         dBuV         dB           0.155         19.24         0.25           0.170         27.47         0.25           0.260         12.83         0.26           0.731         17.47         0.18           0.731         8.86         0.18           2.962         12.98         0.29           3.740         17.71         0.29           5.805         17.97         0.27           17.755         25.24         0.26           18.039         29.03         0.26           22.416         24.50         0.37	MHz         dBuV         dB         dB           0.155         19.24         0.25         10.78           0.170         27.47         0.25         10.77           0.260         12.83         0.26         10.75           0.731         17.47         0.18         10.78           0.731         8.86         0.18         10.78           2.962         12.98         0.29         10.92           3.740         17.71         0.29         10.90           5.805         17.97         0.27         10.83           17.755         25.24         0.26         10.90           18.039         29.03         0.26         10.90           22.416         24.50         0.37         10.90	MHz         dBuV         dB         dB         dBuV           0.155         19.24         0.25         10.78         30.27           0.170         27.47         0.25         10.77         38.49           0.260         12.83         0.26         10.75         23.84           0.731         17.47         0.18         10.78         28.43           0.731         8.86         0.18         10.78         19.82           2.962         12.98         0.29         10.92         24.19           3.740         17.71         0.29         10.90         28.90           5.805         17.97         0.27         10.83         29.07           17.755         25.24         0.26         10.90         36.40           18.039         29.03         0.26         10.90         40.19           22.416         24.50         0.37         10.90         35.77	MHz         dBuV         dB         dB         dBuV         dBuV           0.155         19.24         0.25         10.78         30.27         55.74           0.170         27.47         0.25         10.77         38.49         64.94           0.260         12.83         0.26         10.75         23.84         51.42           0.731         17.47         0.18         10.78         28.43         56.00           0.731         8.86         0.18         10.78         19.82         46.00           2.962         12.98         0.29         10.92         24.19         46.00           3.740         17.71         0.29         10.90         28.90         56.00           5.805         17.97         0.27         10.83         29.07         60.00           17.755         25.24         0.26         10.90         36.40         50.00           18.039         29.03         0.26         10.90         40.19         60.00           22.416         24.50         0.37         10.90         35.77         50.00	MHz         dBuV         dB         dB         dBuV         dBuV         dB           0.155         19.24         0.25         10.78         30.27         55.74         -25.47           0.170         27.47         0.25         10.77         38.49         64.94         -26.45           0.260         12.83         0.26         10.75         23.84         51.42         -27.58           0.731         17.47         0.18         10.78         28.43         56.00         -27.57           0.731         8.86         0.18         10.78         19.82         46.00         -26.18           2.962         12.98         0.29         10.92         24.19         46.00         -21.81           3.740         17.71         0.29         10.90         28.90         56.00         -27.10           5.805         17.97         0.27         10.83         29.07         60.00         -30.93           17.755         25.24         0.26         10.90         36.40         50.00         -13.60           18.039         29.03         0.26         10.90         40.19         60.00         -19.81           22.416         24.50         0.37

#### 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, China 518102



## 6.2 Radiated Emission

O.Z Radiated Ellission							
Test Requirement:	FCC Part15 B Section 15.109						
Test Method:	ANSI C63.4:2003						
Test Frequency Range:	30MHz to 6000MHz						
Test site:	Measurement Dis	stance: 3m (Sem	i-Anechoic Ch	amber)			
Receiver setup:	Frequency	Detector	RBW	VBW	Remark		
	30MHz-1GHz	Quasi-peak	120 kHz	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:	Ground Plane —  Above 1GHz	3m 4m 1m 2 3m 4m	s s	Antenna Tower  Search Antenna  RF Test Receiver  Antenna Tower  Horn Antenna  Amplifier			





Test Procedure:	<ol> <li>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.</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 rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> </ol>						
	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 environment:	Temp.: 25 °C Humid.: 55% Press.: 1 01kPa						
Measurement Record:	Uncertainty: 4.88dB						
Test Instruments:	Refer to section 5.7 for details						
Test mode:	Refer to section 5.3 for details						
Test results:	Passed						

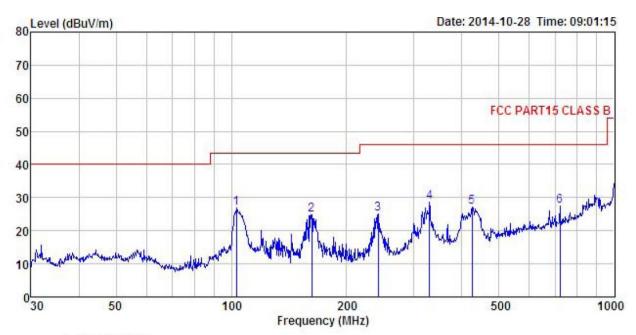




#### **Measurement Data**

Below 1GHz

Horizontal:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) HORIZONTAL Condition

: 876RF Job No. : SMART PHONE EUT : FSM3500G Model Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: MT

REMARK

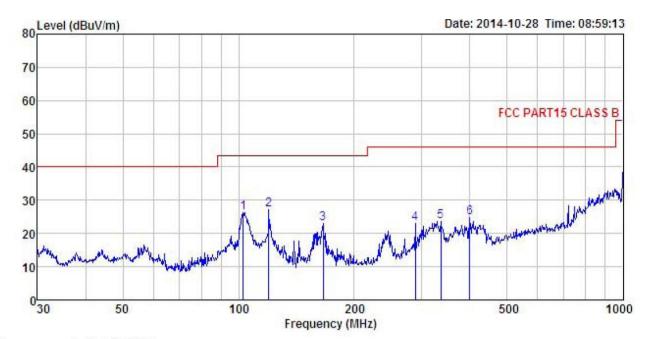
THE PROPERTY									
	Freq		Antenna Factor				Limit Line	Over Limit	Remark
-	MHz	dBu∜	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	103.080	42.47	12.87	0.99	29.51	26.82	43.50	-16.68	QP
2	162.041	43.93	8.72	1.34	29.12	24.87	43.50	-18.63	QP
3	241.676	40.09	12.09	1.58	28.59	25.17	46.00	-20.83	QP
4	329.039	41.47	13.73	1.87	28.51	28.56	46.00	-17.44	QP
4 5	425.028	38.29	15.49	2.19	28.83	27.14	46.00	-18.86	QP
6	721.726	34.00	19.10	2.97	28.58	27.49	46.00	-18.51	QP

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





### Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M1G) VERTICAL Condition

: 876RF Job No.

EUT : SMART PHONE Model : FSM3500G Test mode : PC Mode Power Rating : AC 120V/60Hz

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: MT REMARK :

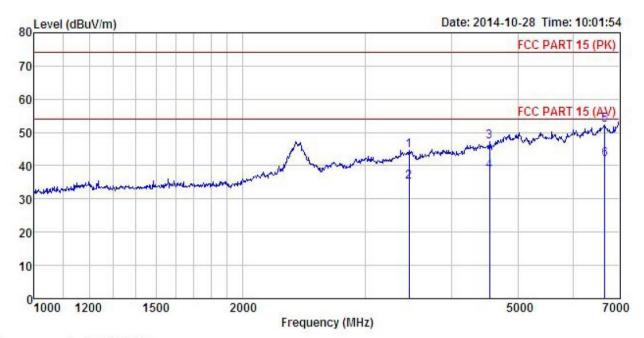
	Freq	Read Freq Level			Preamp Factor			Over Limit	Remark	
-	MHz	dBu₹	—dB/m	dB	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>		
1	102.719	41.92	12.92	0.98	29.51	26.31	43.50	-17.19	QP	
2	119.856	45.01	10.48	1.12	29.39	27.22	43.50	-16.28	QP	
2	166.068	41.83	8.85	1.34	29.08	22.94	43.50	-20.56	QP	
4	287.990	36.94	12.84	1.74	28.47	23.05	46.00	-22.95	QP	
5	336.035	36.39	13.99	1.89	28.53	23.74	46.00	-22.26	QP	
6	399.030	36.42	15.06	2.12	28.77	24.83	46.00	-21.17	QP	





### Above 1GHz

#### Horizontal:



Site

: 3m chamber : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL Condition

Job No. : 876RF

: SMART PHONE : FSM3500G EUT : FSM3500G
Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: MT
REMARK

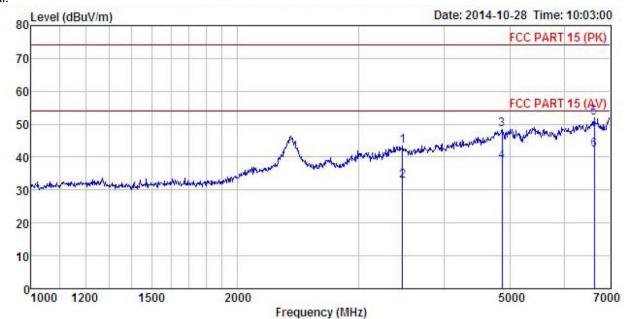
EMARI									
	Freq		Antenna Factor				Limit Line	Over Limit	Remark
7	MHz	dBu∜	dB/m	₫B	dB	$\overline{dBuV/m}$	dBu√/m	<u>dB</u>	
1	3474.263	49.04	28.76	6.30	39.46	44.64	74.00	-29.36	Peak
2	3474.263	39.65	28.76	6.30	39.46	35.25	54.00	-18.75	Average
3	4544.502	48.48	30.86	8.60	40.60	47.34	74.00	-26.66	Peak
4	4544.502	39.65	30.86	8.60	40.60	38.51	54.00	-15.49	Average
5	6667.616	48.77	34.46	10.38	41.25	52.36		-21.64	
6	6667.616	38.41	34.46	10.38	41.25	42.00	54.00	-12.00	Average

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### Vertical:



Site : 3m chamber

: FCC PART 15 (PK) 3m BBHA9120(1G18) VERTICAL Condition

Job No. : 876RF EUT : SMART PHONE : FSM3500G Model Test mode : PC Mode Power Rating : AC 120V/60Hz

Environment: Temp: 25.5°C Huni: 55%

Test Engineer: MT REMARK

2110777777										
	Freq		Antenna Factor				Limit Line	Over Limit	Remark	
-	MHz	dBu∜	—dB/m	dB	dB	dBuV/m	dBu√/m	dB		-
1	3481.031	47.65	28.76	6.30	39.46	43.25	74.00	-30.75	Peak	
2	3481.031	37.09	28.76	6.30	39.46	32.69	54.00	-21.31	Average	
3	4864.797	48.08	31.57	8.96	40.17	48.44	74.00	-25.56	Peak	
4	4864.797	38.17	31.57	8.96	40.17	38.53	54.00	-15.47	Average	
5	6628.806	48.35	34.55	10.38	41.24	52.04	74.00	-21.96	Peak	
6	6628.806	38.64	34.55	10.38	41.24	42.33	54.00	-11.67	Average	