Report No: CCISE160306205

FCC REPORT

Applicant: SHENZHEN COOTEL FONE TECHNOLOGY CO., LTD

Address of Applicant: 5D-F, Buliding R1-A, MCM, Hi-tech Park, Nanshan District,

Shenzhen

Equipment Under Test (EUT)

Product Name: smart phone

Model No.: S32

FCC ID: 2AHS2-CTF-S32

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 24 Mar., 2016

Date of Test: 24 Mar., to 11 Apr., 2016

Date of report issued: 12 Apr., 2016

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

Version No.	Date	Description
00	12 Apr., 2016	Original

Steven Liu
Test Engineer Tested by: Date: 12 Apr., 2016

Reviewed by: Date: 12 Apr., 2016

Project Engineer





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4 Test Summary

Test Item	Section in CFR 47	Result	
Conducted Emission	Part 15.107	Pass	
Radiated Emission	Part 15.109	Pass	

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



5 General Information

5.1 Client Information

Applicant:	SHENZHEN COOTEL FONE TECHNOLOGY CO., LTD
Address of Applicant:	5D-F, Buliding R1-A, MCM, Hi-tech Park, Nanshan District, Shenzhen
Manufacturer	SHENZHEN COOTEL FONE TECHNOLOGY CO., LTD
Address of Manufacturer:	5D-F, Buliding R1-A, MCM, Hi-tech Park, Nanshan District, Shenzhen
Factory:	Dongguan Changhua Electronic Technology Co., Ltd.
Address of Factory:	2th floor, 1st industrial building of Dongxinwei, west Fuxing Road, Xiagang Community, Changan Town, Dongguan City, Guangdong Province

5.2 General Description of E.U.T.

Product Name:	smart phone
Model No.:	S32
Power supply:	Rechargeable Li-ion Battery DC3.8V-2910mAh
	Model: U0D2F0A050150
AC adapter :	Input: AC100-240V 50/60Hz 250mA
	Output: DC 5.0V, 1.5A

5.3 Test Mode

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
FM mode	Keep the EUT in FM receiver mode
GPS mode	Keep the EUT in GPS 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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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	Printer	CB495A	05257893	DoC
MERCURY	Wireless router	MW150R	12922104015	FCC ID
NAKAMICHI	Bluetooth earphone	T8	N/A	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: +86-755-23118282 Fax: +86-755-23116366





5.7 Test Instruments list

Radiated Emission:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)			
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017			
2	BiConiLog Antenna SCHWARZBECK		VULB9163	CCIS0005	03-25-2016	03-25-2017			
3	3 Horn Antenna SCHWARZE		BBHA9120D	CCIS0006	03-25-2016	03-25-2017			
4	Pre-amplifier (10kHz-1.3GHz)		8447D	CCIS0003	04-01-2016	03-31-2017			
5	Pre-amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	04-01-2016	03-31-2017			
6	Spectrum analyzer 9k-30GHz Rohde & Schwarz		FSP30	CCIS0023	03-28-2016	03-28-2017			
7	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	03-28-2016	03-28-2017			

Conducted Emission:										
Item	Test Equipment	Cal.Date	Cal.Due date							
iteiii	rest Equipment	Manufacturer	Model No.	No.	(mm-dd-yy)	(mm-dd-yy)				
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	08-23-2014	08-22-2017				
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-24-2016	03-24-2017				
3	LISN	CHASE	MN2050D	CCIS0074	03-26-2016	03-26-2017				
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2016	03-31-2017				



6 Test results and Measurement Data

6.1 Conducted Emission

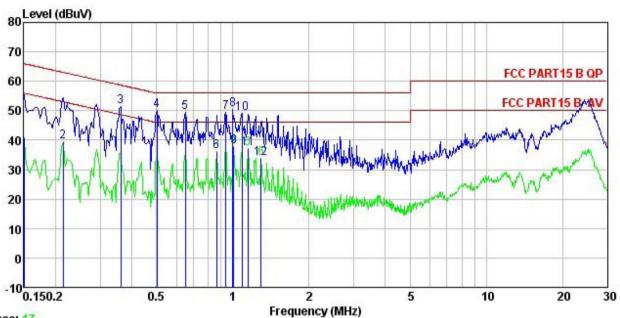
0.15-0.5 66 to 56* 56 to 0.5-5 56 46									
Test Frequency Range: Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-5 0.5-30 60 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Aux EUT: Equipment Under Test LISN Limit (dBµV) Filter Ac power Reference Plane Test table // Filter Test table // Filter Test table // Filter Test table // Filter Test procedure Test procedure 1. The E.U.T and simulators are connected to the main power to line impedance stabilization network (L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipme 2. The peripheral devices are also connected to the main power a LISN that provides a 50ohm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). 3. Both sides of A.C. line are checked for maximum conducted	Test Requirement:	FCC Part 15 B Section 15.10)7						
Class / Severity: Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-30 60 5t * Decreases with the logarithm of the frequency. Reference Plane LISN AUX Equipment Under Test LISN Line Impedence Stabilization Network Test table height=0 side height=0 side height=0 side height=0 side 500hm/50uH coupling impedance for the measuring equipmed a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test sephotographs). 3. Both sides of A.C. line are checked for maximum conducted	Test Method:	ANSI C63.4:2009							
Receiver setup: RBW=9kHz, VBW=30kHz Limit: Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-5 56 44 0.5-30 * Decreases with the logarithm of the frequency. Reference Plane LISN Aux Equipment E.U.T Filter Ac power Remark: EUT Equipment Under Test LISN Line impedence Stabilization Network Test table height-0 time Test table height-0 time 500hm/50uH coupling impedance for the measuring equipme 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test sephotographs). 3. Both sides of A.C. line are checked for maximum conducted	Test Frequency Range:	150kHz to 30MHz							
Limit: Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-5 56 44 0.5-30 * Decreases with the logarithm of the frequency. Reference Plane LISN Aux Equipment LISN Filter Ac power LISN Line Impedance Stabilization Network Test table height-0 8m Test procedure 1. The E.U.T and simulators are connected to the main power to line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). But the limit (dBµV) Quasi-peak Aver Aver Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Aver Detail peak Aver Aver Aver Detail peak Aver Aver Aver Aver Aver Detail peak Aver Aver	Class / Severity:								
Limit: Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-5 56 44 0.5-30 * Decreases with the logarithm of the frequency. Reference Plane LISN Aux Equipment LISN Filter Ac power LISN Line Impedance Stabilization Network Test table height-0 8m Test procedure 1. The E.U.T and simulators are connected to the main power to line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). But the limit (dBµV) Quasi-peak Aver Aver Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Quasi-peak Aver Aver Aver Detail peak Aver Aver Aver Detail peak Aver Aver Aver Aver Aver Detail peak Aver Aver	Receiver setup:								
Test setup: Compared to the main power to line impedance stabilization network (L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with test see photographs). Compared to the see photographs in the provided a photographs in the provided a photographs). Compared to the see photographs in the provided a see photographs). Compared to the see photographs in the provided a see photographs). Compared to the provided a see photographs in the provided and the prov	·		Limit	(dBµV)					
Test setup: Reference Plane LISN AUX Equipment LISN LISN Receiver Test table Plane LISN LISN Lish Receiver Test table Plane Lish Lish Lish Lish Lish Lish Lish Engint-Dan 1. The E.U.T and simulators are connected to the main power to line impedence stabilization network (L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test sephotographs). 3. Both sides of A.C. line are checked for maximum conducted		Frequency range (MHz)		Average					
Test setup: Reference Plane LISN Aux Equipment Under Test LISN Line impedance stabilization network (L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipme 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). Before a with the logarithm of the frequency. Reference Plane LISN Filter Ac power EMI Receiver 1. The E.U.T and simulators are connected to the main power to line impedance stabilization network (L.I.S.N.). The provide a 500hm/50uH coupling impedance of the measuring equipme a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). 3. Both sides of A.C. line are checked for maximum conducted				56 to 46*					
* Decreases with the logarithm of the frequency. Test setup: **Reference Plane **LISN				46					
Test setup: Reference Plane LISN AUX Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN Line Impedence Stabilization Network Test table height=0.8m Test procedure 1. The E.U.T and simulators are connected to the main power to line impedance stabilization network(L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed 2. The peripheral devices are also connected to the main power a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). 3. Both sides of A.C. line are checked for maximum conducted				50					
Test procedure 1. The E.U.T and simulators are connected to the main power line impedance stabilization network (L.I.S.N.). The provide a 500hm/50uH coupling impedance for the measuring equipmed a LISN that provides a 500hm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). But ISN 40cm Filter AC power EMI Receiver AC power AC	Testest		•						
line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipme 2. The peripheral devices are also connected to the main power a LISN that provides a 50ohm/50uH coupling impedance with termination. (Please refers to the block diagram of the test see photographs). 3. Both sides of A.C. line are checked for maximum conducted		AUX Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line impedence Stabilization Network Test table height=0.8m	Filter — AC p						
positions of equipment and all of the interface cables must be according to ANSI C63.4: 2009 on conducted measurement.	i oot prooduite	line impedance stabilization 500hm/50uH coupling imposed 2. The peripheral devices are a LISN that provides a 500 termination. (Please refers photographs). 3. Both sides of A.C. line are interference. In order to fir positions of equipment and	on network(L.I.S.N.). The pedance for the measure also connected to the ohm/50uH coupling imports to the block diagram are checked for maximum and the maximum emissed all of the interface care	he provide a ring equipment. e main power through pedance with 500hm of the test setup and m conducted sion, the relative ables must be changed					
Test environment: Temp.: 23 °C Humid.: 56% Press.: 101	Test environment:	Temp.: 23 °C Hun	nid.: 56% Pr	ess.: 101kPa					
Measurement Record: Uncertainty: ±	Measurement Record:	ı	U	ncertainty: ±3.28dB					
Test Instruments: Refer to section 5.7 for details	Test Instruments:	Refer to section 5.7 for detail		·					
Test mode: Refer to section 5.3 for details									
Test results: Pass	Test results:	Pass							





Measurement data:

Line:



Trace: 17

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

EUT : smart phone

Model : S32
Test Mode : PC mode
Power Rating : AC120V/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa

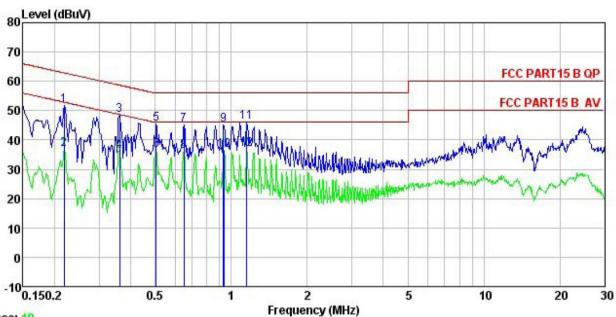
Test Engineer: steven Remark :

Site

Kemark								
	42	Read	LISN	Cable		Limit		
	Freq	Level	Factor	Loss	Level	Line	Limit	Remark
	MHz	dBu∀	₫B	₫B	dBu₹	dBu∀	₫B	
1	0.150	29.79	0.26	10.78	40.83	56.00	-15.17	Average
2	0.214	28.43	0.26	10.76	39.45	53.05	-13.60	Average
3	0.361	40.41	0.26	10.73	51.40	58.69	-7.29	QP
4	0.502	38.99	0.27	10.76	50.02	56.00	-5.98	QP
1 2 3 4 5 6 7 8	0.651	38.45	0.28	10.77	49.50	56.00	-6.50	QP
6	0.862	24.93	0.28	10.83	36.04	46.00	-9.96	Average
7	0.938	38.42	0.28	10.85	49.55	56.00	-6.45	QP
8	1.000	39.41	0.29	10.87	50.57	56.00	-5.43	QP
9	1.010	26.66	0.29	10.87	37.82	46.00	-8.18	Average
10	1.088	37.91	0.29	10.88	49.08	56.00	-6.92	QP
11	1.147	26.07	0.29	10.89	37.25	46.00	-8.75	Average
12	1.296	22.76	0.29	10.90	33.95	46.00	-12.05	Average



Neutral:



Trace: 19 Site

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

EUT smart phone

Model S32 Test Mode : PC mode

Power Rating: AC120V/60Hz Environment: Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: steven

Remark

Kemark	Freq	Read Level	LISN Factor	Cable Loss		Limit Line	Over Limit	Remark
	MHz	dBu₹	<u>dB</u>	dB	dBu₹	dBu∇	<u>dB</u>	
1	0.219	40.91	0.16	10.76	51.83	62.88	-11.05	QP
2	0.219	25.96	0.16	10.76	36.88	52.88	-16.00	Average
1 2 3 4 5 6 7 8 9	0.361	37.42	0.16	10.73	48.31	58.69	-10.38	QP
4	0.361	25.42	0.16	10.73	36.31	48.69	-12.38	Average
5	0.505	34.58	0.16	10.76	45.50	56.00	-10.50	QP
6	0.505	25.64	0.16	10.76	36.56	46.00	-9.44	Average
7	0.651	34.04	0.17	10.77	44.98	56.00	-11.02	QP
8	0.651	25.33	0.17	10.77	36.27	46.00	-9.73	Average
9	0.933	34.08	0.18	10.85	45.11	56.00	-10.89	QP
10	0.938	25.32	0.18	10.85	36.35	46.00	-9.65	Average
11	1.153	35.02	0.19	10.89	46.10	56.00	-9.90	QP
12	1.153	25.74	0.19	10.89	36.82	46.00	-9.18	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.



6.2 Radiated Emission

0.2 Radiated Ellission									
Test Requirement:	FCC Part 15 B Section 15.109								
Test Method:	ANSI C63.4:2009								
Test Frequency Range:	30MHz to 6000MHz								
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)								
Receiver setup:	Frequency Detector RBW VBW Remark								
	30MHz-1GHz	Quasi-peak Value							
	Above 1GHz	ak IC	1MHz	3MHz 3MHz		Peak Value			
Limit:	RMS 1MHz Frequency Limit (dBuV/m @					Hz Average Value Remark			
Lilliu.	30MHz-88M		LIIIII	40.0	<i>(</i> 3111)	(Quasi-peak Value		
	88MHz-216N			43.5			Quasi-peak Value		
	216MHz-960			46.0			Quasi-peak Value		
	960MHz-1G			54.0			Quasi-peak Value		
				54.0			Average Value		
	Above 1GI	∃z		74.0			Peak Value		
Test setup:	Below 1GHz				Antenna	_			
	Search Antenna Turn Table 0.8m lm Ground Plane								
	Above 1GHz								
	SOCM SOCM	E EUT	EUT Horn Anlenna Tower						





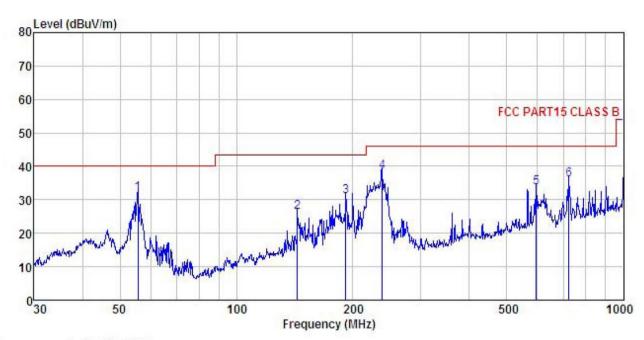
Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.							
	The EUT was set 3 meters away from the interference-receiving antenna, which 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.							
	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(30M3G) HORIZONTAL Condition

EUT : Smart Phone

: S32 Model Test mode : PC Mode Power Rating : AC 120V/60Hz Environment : Temp:25.5°C Huni:55%

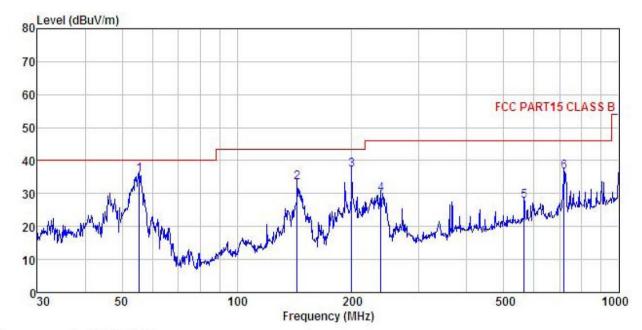
Test Engineer: steven REMARK :

TUTATUE	•								
	Freq		Antenna Cable Factor Loss						
_	MHz	dBu∇	$-\overline{dB}/\overline{m}$	<u>d</u> B	<u>d</u> B	dBuV/m	dBuV/m	<u>d</u> B	
1	55.609	47.97	12.38	1.36	29.80	31.91	40.00	-8.09	QP
1 2 3 4 5 6	143.830	41.67	11.34	2.44	29.25	26.20	43.50	-17.30	QP
3	191.745	47.34	9.79	2.81	28.89	31.05	43.50	-12.45	QP
4	238.310	52.45	11.76	2.82	28.60	38.43	46.00	-7.57	QP
5	595.133	40.35	18.46	3.94	28.95	33.80	46.00	-12.20	QP
6	724.261	40.56	19.76	4.27	28.58	36.01	46.00	-9.99	QP





Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) VERTICAL Condition

EUT : Smart Phone

: S32 Model Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%

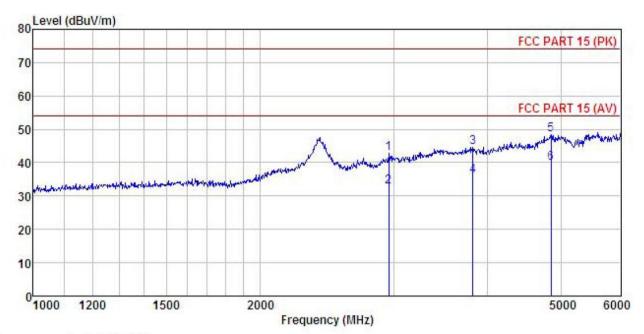
Test Engineer: steven
REMARK :

AAAML										
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark	
_	MHz	dBu₹	$\overline{-dB}/\overline{m}$		dB	$\overline{dBuV/m}$	dBuV/m	<u>d</u> B		
1	55.415	51.56	12.51	1.36	29.80	35.63	40.00	-4.37	QP	
1 2 3 4	143.830	48.75	11.34	2.44	29.25	33.28	43.50	-10.22	QP	
3	199.986	53.01	10.20	2.87	28.83	37.25	43.50	-6.25	QP	
4	238.310	43.94	11.76	2.82	28.60	29.92	46.00	-16.08	QP	
5	564.639	34.69	18.21	3.90	29.05	27.75	46.00	-18.25	QP	
6	719.200	41.27	19.68	4.25	28.59	36.61	46.00	-9.39	QP	



Above 1GHz

Horizontal:



Site

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

EUT : Smart Phone

Model : S32
Test mode : PC Mode
Power Rating : AC 120V/60Hz

Environment : Temp: 25.5°C Huni: 55%

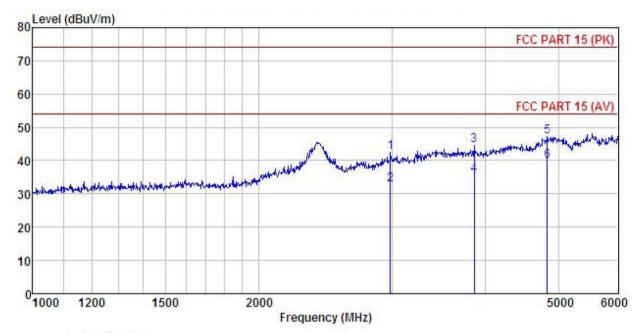
Test Engineer: steven REMARK :

CHICH CLI	•								
	Freq		Antenna Factor				Limit Line	Over Limit	Remark
2	MHz	dBu₹	<u>d</u> B/π		<u>d</u> B	$\overline{dBuV/m}$	$\overline{dBuV/m}$	<u>dB</u>	
1	2956.525	47.30	28.44	7.74	40.55	42.93	74.00	-31.07	Peak
	2956.525	37.13	28.44	7.74	40.55	32.76	54.00	-21.24	Average
3	3819.945	46.26	29.63	9.33	40.63	44.59	74.00	-29.41	Peak
4	3819.945	37.58	29.63	9.33	40.63	35.91	54.00	-18.09	Average
5	4856.567	46.45	31.56	10.63	40.17	48.47	74.00	-25.53	Peak
6	4856.567	37.91	31.56	10.63	40.17	39.93	54.00	-14.07	Average





Vertical:



Site Condition

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

EUT : Smart Phone

Model : S32
Test mode : PC Mode
Power Rating : AC 120V/60Hz

Environment : Temp: 25.5°C Huni: 55%

Test Engineer: steven REMARK :

CHUTHE									
	Freq		Antenna Factor				Limit Line		Remark
-	MHz	dBu₹	— <u>dB</u> /π		<u>dB</u>	$\overline{dBuV/m}$	dBuV/m	<u>dB</u>	
1	2988.480	49.73	25.57	7.81	40.53	42.58	74.00	-31.42	Peak
2	2988.480	40.04	25.57	7.81	40.53	32.89	54.00	-21.11	Average
3	3861.233	44.73	31.06	9.39	40.74	44.44	74.00	-29.56	Peak
4	3861.233	35.89	31.06	9.39	40.74	35.60	54.00	-18.40	Average
4 5	4830.532	40.84	36.12	10.60	40.22	47.34	74.00	-26.66	Peak
6	4830.532	33.25	36.12	10.60	40.22	39.75	54.00	-14.25	Average