Report No: CCISE160401005

FCC REPORT

Applicant: Plus One Marketing Ltd.

Address of Applicant: Sumitomofudosan Hibiya building 2F, 2-8-6 Shinbashi, Minatoku,

Tokyo, Japan

Equipment Under Test (EUT)

Product Name: Smart Phone

Model No.: ÖWN Fun+, FTU161G

Trade mark: ÖWN, Freetel

FCC ID: 2AG5L-FTU161G-PE

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 12 Apr., 2016

Date of Test: 13 Apr., to 27 Apr., 2016

Date of report issued: 28 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.

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.

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





2 Version

Version No.	Date	Description
00	28 Apr., 2016	Original

Tested by: Date: 28 Apr., 2016

Test Engineer

Reviewed by: Over Men Date: 28 Apr., 2016

Project Engineer





3 Contents

			Page
1	С	OVER PAGE	1
2	٧	ERSION	2
3	С	CONTENTS	3
4	Т	EST SUMMARY	4
5	G	SENERAL INFORMATION	5
	5.1	CLIENT INFORMATION	5
	5.2	GENERAL DESCRIPTION OF E.U.T.	
	5.3	TEST MODE	
	5.4	DESCRIPTION OF SUPPORT UNITS	6
	5.5	LABORATORY FACILITY	6
	5.6	LABORATORY LOCATION	6
	5.7	TEST INSTRUMENTS LIST	
6	Т	EST RESULTS AND MEASUREMENT DATA	8
	6.1	CONDUCTED EMISSION	8
	6.2	RADIATED EMISSION	11
7	Т	EST SETUP PHOTO	17
8	F	UT CONSTRUCTIONAL DETAILS	18





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:	Plus One Marketing Ltd.
Address of Applicant:	Sumitomofudosan Hibiya building 2F, 2-8-6 Shinbashi, Minatoku, Tokyo, Japan
Manufacturer	Nollec Wireless Co.,Ltd.
Address of Manufacturer:	Tower A North, TCL Building, High-tech Industrial Park, Nanshan Dist, Shenzhen, China

5.2 General Description of E.U.T.

Product Name:	Smart Phone
Model No.:	ÖWN Fun+, FTU161G
Power supply:	Rechargeable Li-ion Battery DC3.7V-2800mAh
AC adapter :	Model: ÖWN Fun+ Input: AC100-240V 50/60Hz 0.2A Output: DC 5.0V, 1A
Remark:	The No.: ÖWN Fun+, FTU161G were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name.

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.

Report No: CCISE160401005

5.4 Description of Support Units

Manufacturer Description		Model	Serial Number	FCC ID/DoC
DELL	DELL PC (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 1292210401		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

Radia	Radiated Emission:									
Item Test Equipment		Test Equipment Manufacturer Model N		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 SCHWARZBECK		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	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	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

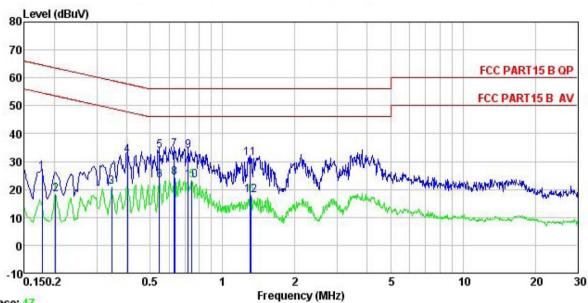
0.15-0.5 66 to 56* 56 to 0.5-5 56 46									
Test Frequency Range: Class / Severity: Class B Receiver setup: RBW=9kHz, VBW=30kHz Frequency range (MHz) Quasi-peak Aver 0.15-0.5 66 to 56* 56 to 0.5-5 0.5-30 60 * Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN Aux EUT: Equipment 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 * Decreases with the logarithm of the frequency. Reference Plane LISN AUX Equipment LISN Fell T. Equipment Under Test LISN Line Impedence Stabilization Network Test table height=0 sides 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 Act power EIII (dBµV) Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Aver 1.5 to 56 t	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 Act power EIII (dBµV) Quasi-peak Aver Aver Aver Quasi-peak Aver Aver Aver 1.5 to 56 t	Receiver setup:	RBW=9kHz, VBW=30kHz							
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 at 150 has provided 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: 47

: CCIS Shielding Room : FCC PART15 B QP LISN LINE : Smart Phone : OWN Fun+ Site Condition

EUT Model Test Mode : PC mode

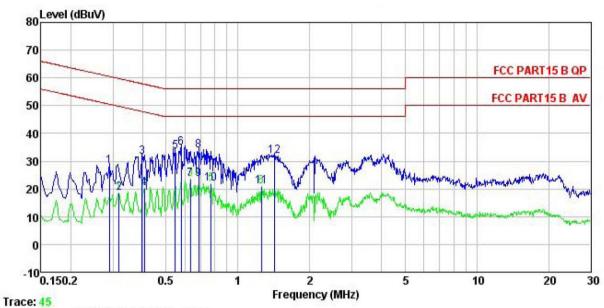
Power Rating: AC120/60Hz Environment: Temp: 23 °C Huni:56% Atmos:101KPa Test Engineer: YT

Remark

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∀	₫B	dB	dBu∀	dBu₹	dB	
1	0.178	15.43	0.15	10.77	26.35		-38.24	
2	0.202	7.17	0.15	10.76	18.08	53.54	-35.46	Average
3	0.346	10.03	0.20	10.73	20.96	49.05	-28.09	Average
4	0.402	21.27	0.24	10.72	32.23	57.81	-25.58	QP
5	0.546	22.86	0.26	10.76	33.88	56.00	-22.12	QP
1 2 3 4 5 6 7 8 9	0.546	12.22	0.26	10.76	23.24	46.00	-22.76	Average
7	0.630	23.18	0.30	10.77	34.25	56.00	-21.75	QP
8	0.634	13.08	0.30	10.77	24.15	46.00	-21.85	Average
9	0.720	22.72	0.32	10.78	33.82	56.00	-22.18	QP
10	0.747	12.26	0.31	10.79	23.36	46.00	-22.64	Average
11	1.303	20.14	0.28	10.90	31.32	56.00	-24.68	QP
12	1.317	6.65	0.28	10.91	17.84	46.00	-28.16	Average



Neutral:



Site

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL

Condition: FCC PART15 B QP LISN NEUTRAL
EUT: Smart Phone
Model: OWN Fun+
Test Mode: PC mode
Power Rating: AC120/60Hz
Environment: Temp: 23 °C Huni:56% Atmos:101KPa
Test Engineer: YT
Remark

Remark

.e.mark	Freq	Read Level	LISN Factor	Cable Loss		Limit Line	Over Limit	Remark
	MHz	dBu∇	<u>dB</u>	dB	dBu₹	dBu∇	<u>dB</u>	
1	0.289	17.32	0.19	10.74	28.25	60.54	-32.29	QP
2	0.318	7.69	0.20	10.74	18.63	49.75	-31.12	Average
2 3 4 5 6 7 8 9	0.398	20.51	0.23	10.72	31.46	57.90	-26.44	QP
4	0.406	9.25	0.23	10.72	20.20	47.73	-27.53	Average
5	0.546	22.37	0.26	10.76	33.39	56.00	-22.61	QP
6	0.579	23.89	0.28	10.77	34.94	56.00	-21.06	QP
7	0.634	12.39	0.30	10.77	23.46	46.00	-22.54	Average
8	0.686	22.70	0.32	10.77	33.79	56.00	-22.21	QP
9	0.686	12.54	0.32	10.77	23.63	46.00	-22.37	Average
10	0.771	10.77	0.31	10.80	21.88	46.00	-24.12	Average
11	1.255	9.89	0.26	10.90	21.05	46.00	-24.95	Average
12	1.418	20.54	0.26	10.92	31.72	56.00	-24.28	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. No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China Telephone: +86 (0) 755 2311 8282 Fax: +86 (0) 755 2311 6366



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 Rema							
·						Hz	Quasi-peak Value	
	Above 1GHz	Above 1GHz Peak 1MHz 3MI RMS 1MHz 3MI					Peak Value	
Limit:	RMS 1MHz 3MHz Frequency Limit (dBuV/m @3m)				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	Ηz		74.0			Peak Value	
Test setup:	Below 1GHz				Antenna	_		
	Search Antenna Tum O.8m Im Table Ground Plane							
	Above 1GHz							
	SOCM SOCM	E EUT	EUT Horn Antenna Tower					





	·						
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. 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						

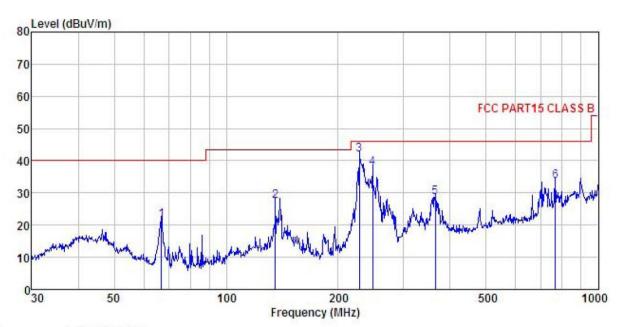




Measurement Data:

Below 1GHz

Horizontal:



: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) HORIZONTAL : Smart Phone : OWN Fun+ Condition

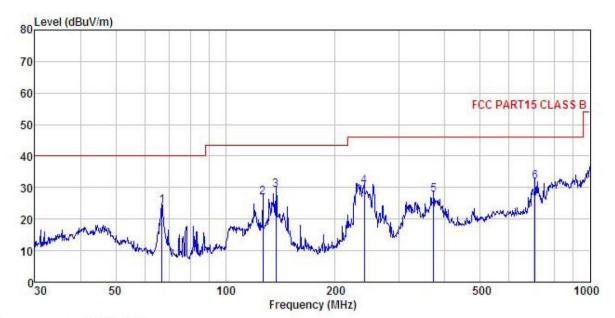
EUT : OWN Fun+
Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: YT
REMARK :

11PUTAT										
	Freq		Antenna Factor					Over Limit	Remark	
	MHz	—dBu₹	— <u>d</u> B/m	ā	āĒ	$\overline{dBuV/m}$	dBuV/m	āĒ		-
1	66.967	42.16	7.80	1.44	29.74	21.66	40.00	-18.34	QP	
1 2 3 4	135.506	42.40	11.98	2.35	29.30	27.43	43.50	-16.07	QP	
3	227.691	56.29	11.58	2.84	28.66	42.05	46.00	-3.95	QP	
4	247.682	51.55	11.88	2.81	28.55	37.69	46.00	-8.31	QP	
	364.260	39.46	14.66	3.09	28.62	28.59	46.00	-17.41	QP	
6	766.057	37.14	20.47	4.36	28.39	33.58	46.00	-12.42	QP	





Vertical:



Site

: 3m chamber : FCC PART15 CLASS B 3m VULB9163(30M3G) VERTICAL : Smart Phone : OWN Fun+ Condition

EUT : OWN Fun+
Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: YT
REMARK :

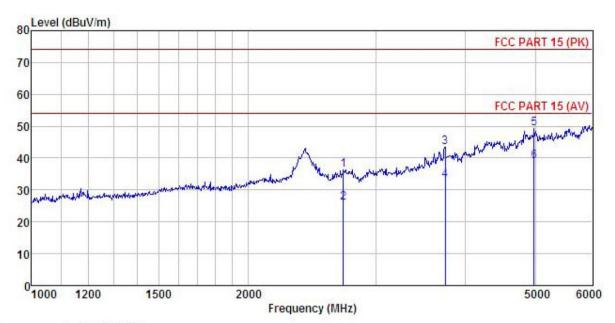
Fred						Limit		Remark
rreq	Level	ractor	L033	ractor	Level	Line	LIMIT	Remaik
MHz	dBu∀	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
66.967	44.69	7.80	1.44	29.74	24.19	40.00	-15.81	QP
126.772	41.92	12.15	2.25	29.35	26.97	43.50	-16.53	QP
137.420	44.27	11.88	2.37	29.29	29.23	43.50	-14.27	QP
239.987	44.44	11.80	2.82	28.59	30.47	46.00	-15.53	QP
372.005	38.46	14.97	3.09	28.66	27.86	46.00	-18.14	QP
706.700	36.89	19.36	4.20	28.64	31.81	46.00	-14.19	QP
	MHz 66.967 126.772 137.420 239.987 372.005	Freq Level MHz dBuV 66.967 44.69 126.772 41.92 137.420 44.27 239.987 44.44 372.005 38.46	### Hz dBuV dB/m 66.967 44.69 7.80 126.772 41.92 12.15 137.420 44.27 11.88 239.987 44.44 11.80 372.005 38.46 14.97	Freq Level Factor Loss MHz dBuV dB/m dB 66.967 44.69 7.80 1.44 126.772 41.92 12.15 2.25 137.420 44.27 11.88 2.37 239.987 44.44 11.80 2.82 372.005 38.46 14.97 3.09	Freq Level Factor Loss Factor MHz dBuV dB/m dB dB 66.967 44.69 7.80 1.44 29.74 126.772 41.92 12.15 2.25 29.35 137.420 44.27 11.88 2.37 29.29 239.987 44.44 11.80 2.82 28.59 372.005 38.46 14.97 3.09 28.66	MHz dBuV dB/m dB dB dBuV/m 66.967 44.69 7.80 1.44 29.74 24.19 126.772 41.92 12.15 2.25 29.35 26.97 137.420 44.27 11.88 2.37 29.29 29.23 239.987 44.44 11.80 2.82 28.59 30.47 372.005 38.46 14.97 3.09 28.66 27.86	Freq Level Factor Loss Factor Level Line MHz dBuV dB/m dB dB dB dBuV/m dBuV/m 66.967 44.69 7.80 1.44 29.74 24.19 40.00 126.772 41.92 12.15 2.25 29.35 26.97 43.50 137.420 44.27 11.88 2.37 29.29 29.23 43.50 239.987 44.44 11.80 2.82 28.59 30.47 46.00 372.005 38.46 14.97 3.09 28.66 27.86 46.00	Freq Level Factor Loss Factor Level Line Limit MHz dBuV dB/m dB dB dBuV/m dBuV/m dB 66.967 44.69 7.80 1.44 29.74 24.19 40.00 -15.81 126.772 41.92 12.15 2.25 29.35 26.97 43.50 -16.53 137.420 44.27 11.88 2.37 29.29 29.23 43.50 -14.27 239.987 44.44 11.80 2.82 28.59 30.47 46.00 -15.53 372.005 38.46 14.97 3.09 28.66 27.86 46.00 -18.14





Above 1GHz

Horizontal:



Site

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

: Smart Phone

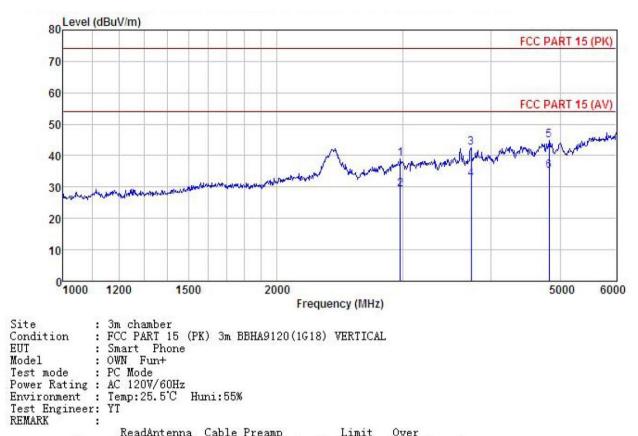
Model : OWN Fun+
Test mode : PC Mode
Power Rating : AC 120V/60Hz
Environment : Temp:25.5°C Huni:55%
Test Engineer: YT
REMARK :

r :	D 1		0.11				^	
Freq								Remark
MHz	—dBuV	$-\overline{dB}/\overline{m}$	<u>d</u> B	<u>dB</u>	dBuV/m	dBuV/m	<u>dB</u>	
2708.259	44.85	24.54	7.30	40.41	36.28	74.00	-37.72	Peak
2708.259	34.62	24.54	7.30	40.41	26.05	54.00	-27.95	Average
3748.190	44.68	30.10	9.21	40.52	43.47	74.00	-30.53	Peak
3748.190	34.17	30.10	9.21	40.52	32.96	54.00	-21.04	Average
4979.731	41.70	36.77	10.75	40.00				
4979.731	31.54	36.77	10.75	40.00	39.06	54.00	-14.94	Average
	MHz 2708. 259 2708. 259 3748. 190 3748. 190 4979. 731	Read. Freq Level MHz dBuV 2708.259 44.85 2708.259 34.62 3748.190 44.68 3748.190 34.17 4979.731 41.70	ReadAntenna Freq Level Factor MHz dBuV dB/m 2708.259 44.85 24.54 2708.259 34.62 24.54 3748.190 44.68 30.10 3748.190 34.17 30.10 4979.731 41.70 36.77	ReadAntenna Cable Freq Level Factor Loss MHz dBuV dB/m dB 2708.259 44.85 24.54 7.30 2708.259 34.62 24.54 7.30 3748.190 44.68 30.10 9.21 3748.190 34.17 30.10 9.21 4979.731 41.70 36.77 10.75	ReadAntenna Cable Preamp Level Factor Coss Factor MHz dBuV dB/m dB dB 2708.259 44.85 24.54 7.30 40.41 2708.259 34.62 24.54 7.30 40.41 3748.190 44.68 30.10 9.21 40.52 3748.190 34.17 30.10 9.21 40.52 4979.731 41.70 36.77 10.75 40.00	ReadAntenna Cable Preamp Level Factor Loss Factor Level MHz dBuV dB/m dB dB dBuV/m 2708.259 44.85 24.54 7.30 40.41 36.28 2708.259 34.62 24.54 7.30 40.41 26.05 3748.190 44.68 30.10 9.21 40.52 43.47 3748.190 34.17 30.10 9.21 40.52 32.96 4979.731 41.70 36.77 10.75 40.00 49.22	ReadAntenna Cable Preamp Limit	ReadAntenna Cable Preamp Freq Level Factor Loss Factor Level Limit Over MHz dBuV dB/m dB dB dBuV/m dBuV/m dB 2708.259 44.85 24.54 7.30 40.41 36.28 74.00 -37.72 2708.259 34.62 24.54 7.30 40.41 26.05 54.00 -27.95 3748.190 44.68 30.10 9.21 40.52 43.47 74.00 -30.53 3748.190 34.17 30.10 9.21 40.52 32.96 54.00 -21.04 4979.731 41.70 36.77 10.75 40.00 49.22 74.00 -24.78





Vertical:



נינטונ.	K :								
		Read	Antenna	Cable	Preamp		Limit	Over	
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
-	MHz	dBu∜	-dB/m		<u>d</u> B	$\overline{dBuV/m}$	dBuV/m	<u>d</u> B	
1	2979.202	46.07	25.54	7.79	40.54	38.86	74.00	-35.14	Peak
2	2979.202	36.51	25.54	7.79	40.54	29.30	54.00	-24.70	Average
3	3748.190	43.81	30.10	9.21	40.52	42.60	74.00	-31.40	Peak
4	3748.190	33.68	30.10	9.21	40.52	32.47	54.00	-21.53	Average
5	4827.078	38.37	36.12	10.60	40.22	44.87	74.00	-29.13	Peak
6	4827.078	28.54	36, 12	10.60	40.22	35.04	54.00	-18.96	Average