

FCC Test Report

APPLICANT	:	Sony Mobile Communications Inc.
EQUIPMENT	:	Smart phone
BRAND NAME	:	SONY
TYPE NAME	:	PM-0891-BV
FCC ID	:	PY7-PM0891
STANDARD	:	FCC 47 CFR FCC Part 15 Subpart B
CLASSIFICATION	:	FCC CLASS B PERSONAL
		COMPUTERS AND PERIPHERALS

The product was received on Apr. 29, 2015 and testing was completed on May 10, 2015. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2009 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Louis Wu

Reviewed by: Louis Wu / Manager

Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL INC.

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SPORTON INTERNATIONAL INC. TEL : 886-3-327-3456 FAX : 886-3-328-4978 FCC ID : PY7-PM0891 Page Number: 1 of 29Report Issued Date: Jul. 01, 2015Report Version: Rev. 01Report Template No.: BU5-FC15B Version 1.1



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC542942	Rev. 01	Initial issue of report	Jul. 01, 2015



Report Section	FCC Rule	Description	Limit	Result	Remark
					Under limit
3.1	15.107	AC Conducted Emission	< 15.107 limits	PASS	5.10 dB at
					13.558 MHz
					Under limit
3.2	15.109	Radiated Emission	< 15.109 limits	PASS	6.97 dB at
					720.000 MHz

SUMMARY OF TEST RESULT



1. General Description

1.1. Applicant

Sony Mobile Communications Inc. Nya Vattentornet, 22188 Lund, Sweden

1.2. Manufacturer

Arima Communications Corp.

6F, No. 866, Jhongjheng Rd., Jhonghe Dist., New Taipei City 23586, Taiwan

1.3. Product Feature of Equipment Under Test

The Equipment Under Test (hereafter called: EUT) is smart phone supporting, GSM/WCDMA/LTE, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n, Bluetooth with FM Receiver, GPS, and NFC features, and below is details of information.

Product Feature					
Equipment	Smart phone				
Brand Name	SONY				
Type Name	PM-0891-BV				
FCC ID	PY7-PM0891				
GSM Operating Band(s)	GSM 850/900/1800/1900MHz				
GPRS / EGPRS Multi Slot Class	GPRS Class 12, EGPRS Class 12				
WCDMA Operating Band(s)	FDD Band I / II / V / VIII				
WCDMA Rel. Version	Rel. 8				
LTE Operating Band(s)	FDD Band I / III / V / VII / VIII / XXVIII				
LTE Operating Band(s)	TDD Band XL				
LTE Rel. Version	Rel. 8				
Wi-Fi Specification	802.11a/b/g/n (HT20/HT40)				
Bluetooth Version	v3.0+EDR / v4.0-LE				
NFC Specification	ISO14443A / ISO14443B / Felica				
Power Supply	Battery / AC Adapter/ Car Charger				

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.



1.4. Details of Tested Sample (EUT) Information

Below EUT sample and accessory are used to test.

EUT Information List						
IMEI	HW Version	SW Version	S/N	Performed Test Item		
SIM 1: 004402454617709 SIM 2: 004402454617717	А	29.0.B.0.76	WUJ01HWK59	Conducted Emission Radiated Emission		
		Accesso	ry List			
Battery	Model No	. : LIS1579ER	PC			
	Model No	Model No. : MH410c				
Earphone 1	Type No.	Type No. : AG-1100				
	S/N : 143	S/N : 14371E6600174A0				
Model No. : MH410c						

Note:

Earphone 2

USB Cable

- 1. Above EUT list and accessory list used are electrically identical per declared by manufacturer.
- 2. Above the accessories list are used to exercise the EUT during test.
- 3. For other wireless features of this EUT, test report will be issued separately.

Type No. : AG-1103

Type No. : AI-0700 S/N : 134912D1000585A

S/N : 14292040011682C Model No. : EC450

1.5. Modification of EUT

No modifications are made to the EUT during all test items.



1.6. Test Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1022 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.			
	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park,			
Test Office and from	Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.			
Test Site Location	TEL: +886-3-327-3456			
	FAX: +886-3-328-4978			
Test Site No	Sporton	Site No.		
Test Site No.	CO05-HY	03CH06-HY		

1.7. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B
- ANSI C63.4-2009

Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. For FCC 15 Subpart B Unintentional Radiators, device supporting USB interface or similar peripherals (defined as the Section 15.3 (r) Peripheral device) acting as a peripheral for personal computers shall be authorized as "The Class B personal computers and peripherals" per the Section 15.101 (a) Equipment authorization of unintentional radiators.
- 3. For other Unintentional Radiators features of this EUT, test reports are be issued separately. Per the Note of the Section 15.101, when device supports features (USB, FM Radio, digital devices...etc) more than one category of authorization, type of authorization shall be appropriately chosen for FCC 15B compliance rule, and the Section 15.101 (b), only those receivers that operate (tune) within the frequency range of 30-960 MHz, CB receivers and radar detectors are subject to the authorizations shown in paragraph (a) of the Section 15.101. However, receivers indicated as being subject to Declaration of Conformity that are contained within a transceiver, the transmitter portion of which is subject to certification, shall be authorized under the verification procedure.



2. Test Configuration of Equipment Under Test

2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2009 and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction (150 kHz to 30 MHz), radiation (30MHz to the 5th harmonic

of the highest fundamental frequency or to 40 GHz, whichever is lower).

The following tables are showing the test modes as the worst cases and recorded in this report.

		Test Condition		
ltem	EUT Configuration	EMI	EMI	
		AC	RE	
1.	Data Link with Notebook	\boxtimes	\boxtimes	

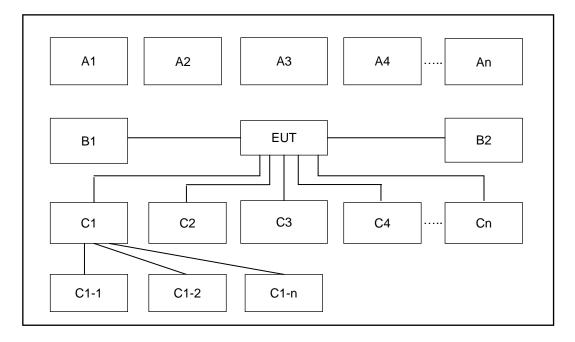
The data application (each file size is greater than 30Mbytes) is continuously transferred between the EUT and Notebook connected via USB cable, while GSM, WLAN, and Bluetooth and GPS idle.

Abbreviations:

- EMI AC: AC conducted emissions
- EMI RE: EUT radiated emissions



2.2. Connection Diagram of Test System



	Conduction Test Setup								
Ne	Windooo Station	Commontion Trees	Test Mode						
No.	wireless Station	ess Station Connection Type		2	3	-	-	-	-
A1	Bluetooth Earphone	Bluetooth	Х	Х	Х				
A2	System Simulator	GSM	Х	Х	Х				
A3	GPS Station	GPS	Х						
A4	AP router	WiFi	Х	Х	Х				
A5	NFC Card	NFC		Х	Х				
No.	Setup Peripherals	Connection Type	1	2	3	-	-	-	-
C1	Notebook	USB cable	Х	Х	Х				
C1-1	iPod	USB Cable to C1	Х	Х	Х				
C1-2	AP router	RJ-45 Cable to C1	Х	Х	Х				
C2	Earphone	Earphone jack	X	Х	Х				
<u>C2</u>	SD cord	SD I/O interface	v	x x	v				
C3	SD card	without cable	^		Х				



	Radiation Test Setup									
No.	Wireless Station	Commontion Trans		Test Mode						
NO.	Wireless Station	Connection Type	1	2	3	-	-	-	-	
A1	Bluetooth Earphone	Bluetooth	Х	Х	Х					
A2	System Simulator	GSM	х	х	х					
A3	GPS Station	GPS	Х		Х					
A4	AP router	WiFi	Х	Х	Х					
No.	Setup Peripherals	Connection Type	1	2	3	-	-	-	-	
C1	Notebook	USB cable	Х	Х	Х					
C1-1	IPod	USB Cable to C1	Х	Х	Х					
C1-2	WLAN AP	RJ-45 Cable to C1	Х	Х	Х					
C2	Earphone	Earphone jack	Х	Х	Х					
<u></u>	SD cord	SD I/O interface	x	x x	v					
C3	SD card	without cable	^		Х					



2.3. Support Unit used in test configuration and system

ltem	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	Unshielded, 0.75m	N/A
5.	WLAN AP	D-Link	DIR-865L	KA2IR865LA1	N/A	Unshielded, 1.8 m
6.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
8.	NFC Card	Metro Taipei	Easy Card	N/A	N/A	N/A
9.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
10.	iPod	Apple	A1199	FCC DoC	Shielded, 1.0 m	N/A

2.4. EUT Operation Test Setup

The data application (each file size is greater than 30Mbytes) is continuously transferred between the EUT and Notebook connected via USB cable, while GSM and Bluetooth, WLAN and GPS idle.



3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission	Conducted limit (dBuV)			
(MHz)	Quasi-peak	Average		
0.15-0.5	66 to 56*	56 to 46*		
0.5-5	56	46		
5-30	60	50		

*Decreases with the logarithm of the frequency.

3.1.2 Measuring Instruments

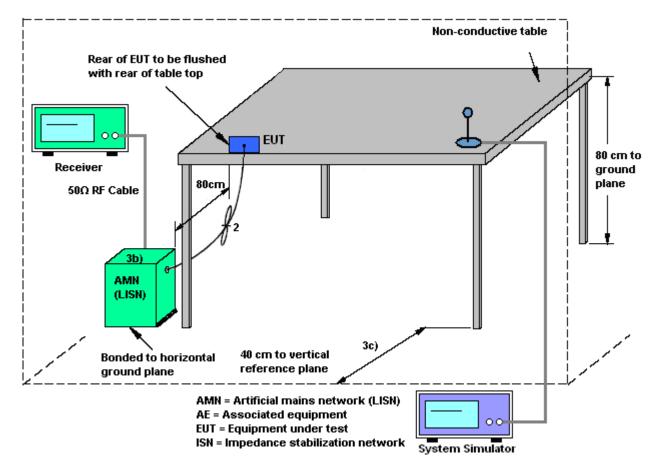
The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedure

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



3.1.4 Test Setup





3.1.5 Test Result of AC Conducted Emission

Test Mode :	Mode 1	Temp	erature :		24~26 ℃			
Test Engineer :	Kai-Chun Chu			Relati	ve Humi	dity :	53~55%	
Test Voltage :	120Vac / 60Hz			Phase):		Line	
Function Type :	Data Link with Earphone 1 + S	with U	SB Cabl	e) + V	/LAN (2.4GHz) Idle + GPS Rx +			
	30 20 10	00 500	800 1M	_	M 3M 4 ency in Hz		R22-QP Limit at Main Ports	
Frequency	Quasi-Peak	Filter	Line	Corr.	Margin	Limit		
(MHz) 0.190000	(dBµV) 56,4	Off	L1	(dB) 19.5	(dB) 7.6	(dBµV) 64.0		
0.254000	46.9	Off	L1	19.5	14.7	61.6	-	
0.310000	41.1	Off	L1	19.5	18.9	60.0	1	
0.366000	36.4	Off	L1	19.5	22.2	58.6	1	
0.446000	33.6	Off	L1	19.4	23.3	56.9	7	
4.662000	29.6	Off	L1	19.8	26.4	56.0		
Final Resu	It : Average							
Frequency	-			Corr.	Margin	Limit		
(MHz)	(dBµV)	Filter	Line	(dB)	(dB)	(dBµV)		
0.190000	40.6	Off	L1	19.5	13.4	54.0		
0.254000	31.1	Off	L1	19.5	20.5	51.6		
0.310000	27.4	Off	L1	19.5	22.6	50.0		
0.366000	23.8	Off	L1	19.5	24.8	48.6		
0.446000	26.5	Off	L1	19.4	20.4	46.9		



Test Mode :	Mode 1		Temp	erature :		24~26 ℃		
Test Engineer :	Kai-Chun Chu			Relati	ve Humi	idity :	53~55%	
Test Voltage :	120Vac / 60Hz			Phase :			Neutral	
Function Type :	Data Link with Earphone 1 + 3		ook (with U	SB Cabl	e) + V	VLAN (2.4GHz) Idle + GPS Rx +	
Lowel in All M	30 20 10	400 500	800 1M	2			R22-OP Limit at Main Ports 22-Ave Limit at Main Ports 8 10M 20M 30M	
Final Resu	lt : Quasi-Peal	(ency in Hz			
Frequency	/ Quasi-Peak	Filter	Line	Corr.	Margin	Limit		
Frequency (MHz)	y Quasi-Peak (dBµV)	Filter		Corr. (dB)	Margin (dB)	(dBµV		
Frequency (MHz) 0.190000	y Quasi-Peak (dBµV) 55.1		Line N N	Corr.	Margin	(dBµV) 64.0		
Frequency (MHz) 0.190000 0.246000	y Quasi-Peak (dBµV) 55.1 45.2	Filter Off	N	Corr. (dB) 19.5 19.4	Margin (dB) 8.9	(dBµV 64.0 61.9		
Frequency (MHz) 0.190000 0.246000 0.310000	 Quasi-Peak (dBµV) 55.1 45.2 39.8 	Filter Off Off Off	N N N	Corr. (dB) 19.5 19.4 19.5	Margin (dB) 8.9 16.7 20.2	(dBµV 64.0 61.9 60.0		
Frequency (MHz) 0.190000 0.246000	y Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5	Filter Off Off	N N	Corr. (dB) 19.5 19.4 19.5 19.5	Margin (dB) 8.9 16.7	(dBµV 64.0 61.9		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 	Filter Off Off Off Off	N N N N	Corr. (dB) 19.5 19.4 19.5	Margin (dB) 8.9 16.7 20.2 21.9	(dBµV 64.0 61.9 60.0 58.4		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 	Filter Off Off Off Off Off	N N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4	Margin (dB) 8.9 16.7 20.2 21.9 24.7	(dBµV) 64.0 61.9 60.0 58.4 56.9		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 32.2 It : Average 	Filter Off Off Off Off Off Off	N N N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4	Margin (dB) 8.9 16.7 20.2 21.9 24.7	(dBµV) 64.0 61.9 60.0 58.4 56.9		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 32.2 alt : Average 	Filter Off Off Off Off Off	N N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.5 19.4 19.7	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu Frequency	y Quasi-Peak (dBμV) 55.1 45.2 39.8 36.5 32.2 32.2 klt : Average (dBμV)	Filter Off Off Off Off Off Off	N N N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4 19.7 20.7	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8 Margin	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu Frequency (MHz)	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 32.2 Ht : Average (dBµV) 40.1 	Filter Off Off Off Off Off Off Filter	N N N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4 19.7 19.7 Corr. (dB)	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8 Margin (dB)	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0 Limit (dBµV		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu Frequency (MHz) 0.190000	 Quasi-Peak (dBµV) 55.1 45.2 39.8 36.5 32.2 32.2 32.2 Average (dBµV) 40.1 30.3 	Filter Off Off Off Off Off Off Filter	N N N N N Line	Corr. (dB) 19.5 19.4 19.5 19.5 19.4 19.7 19.7 Corr. (dB) 19.5	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8 Margin (dB) 13.9	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0 Limit (dBµV 54.0		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu Frequency (MHz) 0.190000 0.246000	y Quasi-Peak (dBμV) 55.1 45.2 39.8 36.5 32.2 32.2 it : Average (dBμV) 40.1 30.3 26.7	Filter Off Off Off Off Off Off Filter	N N N N N Line N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4 19.7 Corr. (dB) 19.5 19.4	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8 Margin (dB) 13.9 21.6	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0 Limit (dBµV 54.0 51.9		
Frequency (MHz) 0.190000 0.246000 0.310000 0.374000 0.446000 3.982000 Final Resu Frequency (MHz) 0.190000 0.246000 0.310000	y Quasi-Peak (dBμV) 55.1 45.2 39.8 36.5 32.2 32.2 klt : Average (dBμV) 40.1 30.3 26.7 24.6 24.2	Filter Off Off Off Off Off Off Filter Off Off Off	N N N N N Line N N N	Corr. (dB) 19.5 19.4 19.5 19.5 19.4 19.7 Corr. (dB) 19.5 19.4 19.5	Margin (dB) 8.9 16.7 20.2 21.9 24.7 23.8 Margin (dB) 13.9 21.6 23.3	(dBµV 64.0 61.9 60.0 58.4 56.9 56.0 Limit (dBµV 54.0 51.9 50.0		



fest Mode :	Mode 2	Tempe	erature :		24~26 ℃				
Test Engineer :	Kai-Chun Chu			Relativ	ve Humi	dity :	53~55%		
Test Voltage :	120Vac / 60Hz			Phase :			Line		
Function Type :	Data Link with N			with U	SB Cab	WLAN (5GHz) Idle + NFC On +			
Le vel in dB uV							22-QP Limit at M ain Ports		
Frequency (MHz)	(dBµV)		DO 1M	2M Freque Corr. (dB)	3M 4M ncyinHz Margin (dB)	Limit (dBµV)	10M 20M 30M		
Frequency (MHz) 0.190000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2	Filter Off	Line L1	Freque Corr. (dB) 19.5	Margin (dB) 9.8	Limit (dBµV) 64.0			
Frequency (MHz) 0.190000 0.254000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1	Filter Off Off	Line L1 L1	Freque Corr. (dB) 19.5 19.5	Margin (dB) 9.8 17.5	Limit (dBµV) 64.0 61.6			
Frequency (MHz) 0.190000 0.254000 0.334000	t : Quasi-Peak (dBμV) 54.2 44.1 38.5	Filter Off Off Off	Line L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.4	Margin (dB) 9.8 17.5 20.9	Limit (dBµV) 64.0 61.6 59.4			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000	t : Quasi-Peak Quasi-Peak (dBμV) 54.2 44.1 38.5 35.5	Filter Off Off Off Off	Line L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.5	Margin (dB) 9.8 17.5 20.9 22.9	Limit (dBµV) 64.0 61.6 59.4 58.4			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000	It : Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5	Filter Off Off Off Off Off Off	Line L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.5	Margin (dB) 9.8 17.5 20.9 22.9 24.6	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2	Filter Off Off Off Off	Line L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.5	Margin (dB) 9.8 17.5 20.9 22.9	Limit (dBµV) 64.0 61.6 59.4 58.4			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000	t : Quasi-Peak Quasi-Peak (dBμV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1	Filter Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.5 19.5 19.7	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resu	t : Quasi-Peak Quasi-Peak (dBμV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 t : Average	Filter Off Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.5 19.7 19.9	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resul Frequency	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average Average	Filter Off Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.5 19.7 19.9 19.9 Corr.	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resul Frequency (MHz)	It : Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV)	Filter Off Filter	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.5 19.5 19.5 19.7 19.9 Corr. (dB)	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin (dB)	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit (dBµV)			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resul Frequency (MHz) 0.190000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV) 39.0	Filter I Off I	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.5 19.5 19.5 19.7 19.7 19.9 Corr. (dB) 19.5	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Xargin (dB) 15.0	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 58.0 60.0 60.0			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resu Frequency (MHz) 0.190000 0.254000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV) 39.0 30.3	Filter I Off I	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.5 19.4 19.5 19.7 19.7 19.7 19.9 Corr. (dB) 19.5 19.5	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin (dB) 15.0 21.3	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit (dBµV) 54.0 51.6			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Tinal Resul Frequency (MHz) 0.190000 0.254000 0.334000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV) 39.0 30.3 24.4	Filter I Off I	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.5 19.4 19.5 19.7 19.7 19.9 (dB) 19.5 19.5 19.5 19.5 19.4	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin (dB) 15.0 21.3 25.0	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit (dBµV) 54.0 51.6 49.4			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Final Resul Frequency (MHz) 0.190000 0.254000 0.334000 0.374000	It : Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV) 39.0 30.3 24.4 23.9	Filter I Off I	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.5 19.4 19.5 19.5 19.7 19.7 19.9 Corr. (dB) 19.5 19.5 19.5 19.4 19.5	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin (dB) 15.0 21.3 25.0 24.5	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit (dBµV) 54.0 51.6 49.4 48.4			
Frequency (MHz) 0.190000 0.254000 0.334000 0.374000 0.438000 3.286000 13.558000 Tinal Resul Frequency (MHz) 0.190000 0.254000 0.334000	It : Quasi-Peak Quasi-Peak (dBµV) 54.2 44.1 38.5 35.5 32.5 31.2 46.1 It : Average (dBµV) 39.0 30.3 24.4	Filter I Off I	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.5 19.4 19.5 19.7 19.7 19.9 (dB) 19.5 19.5 19.5 19.5 19.4	Margin (dB) 9.8 17.5 20.9 22.9 24.6 24.8 13.9 Margin (dB) 15.0 21.3 25.0	Limit (dBµV) 64.0 61.6 59.4 58.4 57.1 56.0 60.0 Limit (dBµV) 54.0 51.6 49.4			



Test Mode :	Mode 2			Temp	erature :		24~26	S°С				
Test Engineer :	Kai-Chun Chu			Relati	ve Humi	idity :	53~55%					
Test Voltage :	120Vac / 60Hz			Phase	:	Neutral						
	Data Link with	Notebo	ook (with L	ISB Cab	ole) +	WLAN	(5GH	lz) Id	lle +	NFC	On -
Function Type :	Earphone 1 + S	SIM 1										
	100											
	90											
	80-											
		• • • • • • • • • • • • • • • • • • • •										
	70											
	60-					CISP	R22-QP	_imit at N	<u>Main P</u> o	orts		
		•••				ÇISPI	22-Ave I	<u>imit at i</u>	<u>Main P</u> o	orts		
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	0	400 500 8	300 1M	2	M 3M 4	M 5M 6	8 10M	20	IM 30	м		
	0	400 500 8	300 1M	_	M 3M 41 ency in Hz	M 5M 6	8 10M	20	IM 30	м		
Final Resu	0 150k 300 4		300 1M	_		M 5M 6	8 10M	20	M 30	M		
	0 150k 300 4		300 1M	Freque	ency in Hz			20	IM 30	м		
Frequenc	ult : Quasi-Peak	C	300 1M	Freque	ency in Hz Margin	Limit		20	IM 30	М		
	Ilt : Quasi-Peak y Quasi-Peak (dBµV)	C		Freque	ency in Hz			20	JM 30	м		
Frequenc (MHz)	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9	Filter I	Line	Freque Corr. (dB)	ency in Hz Margin (dB)	Limit (dBµV		20	JM 30	м		
Frequenc (MHz) 0.190000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7	Filter I Off	Line	Freque Corr. (dB) 19.5	Margin (dB) 10.1	Limit (dBµV 64.0		20)M 30	м		
Frequenc (MHz) 0.190000 0.254000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0	Filter I Off Off	Line N N	Freque Corr. (dB) 19.5 19.5	Margin (dB) 10.1 17.9	Limit (dBµV 64.0 61.6		20	JM 30	М		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9	Filter I Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N	Freque Corr. (dB) 19.5 19.4 19.5 19.4	Margin (dB) 10.1 17.9 20.8 23.3 24.9	Limit (dBµV 64.0 61.6 59.8 58.4 56.8		20	IM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.4 19.7	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.8		20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000	Ilt : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5	Filter I Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N	Freque Corr. (dB) 19.5 19.4 19.5 19.4	Margin (dB) 10.1 17.9 20.8 23.3 24.9	Limit (dBµV 64.0 61.6 59.8 58.4 56.8		20	IM 30	м		
Frequence (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000	0 300 4 150k 300 4 y Quasi-Peak (dBμV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.4 19.7	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.8		20	JM 30	м		
Frequence (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5 ult : Average	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N N	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.4 19.7	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.8)	20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5 ult : Average	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N	Freque Corr. (dB) 19.5 19.5 19.4 19.5 19.4 19.7 20.0	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0		20	IM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 46.5 ult : Average y Average y (dBµV)	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N N	Freque (dB) 19.5 19.5 19.4 19.5 19.4 19.7 20.0	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 Margin	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0		20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu Frequenc (MHz) 0.190000 0.254000	Ilt : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5 Ilt : Average y Average (dBµV) 38.8 28.7	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Filter 1 Off 0	Line N N N N N Line N N	Freque (dB) 19.5 19.5 19.4 19.7 19.4 19.7 20.0 Corr. (dB) 19.5	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 13.5 Margin (dB) 15.2 22.9	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0 Limit (dBµV 54.0 51.6		20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu Frequenc (MHz) 0.190000 0.254000 0.318000	ult : Quasi-Peak y Quasi-Peak (dBμV) 53.9 43.7 39.0 35.1 31.9 32.5 46.5 ult : Average y Average (dBμV) 38.8 28.7 24.8	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N Line N N N	Freque (dB) 19.5 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.5 19.5 19.4	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 13.5 Margin (dB) 15.2 22.9 25.0	Limit (dBµV 64.0 61.6 59.8 58.4 56.0 60.0 Limit (dBµV 54.0 51.6 49.8		20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000	ult : Quasi-Peak (dBµV) y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5 ult : Average (dBµV) 38.8 28.7 24.8 24.9	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Filter I Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N N Line N N N N	Freque (dB) 19.5 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.5 19.5 19.4 19.5	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 13.5 Margin (dB) 15.2 22.9 25.0 23.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0 Limit (dBµV 54.0 51.6 49.8 48.4		20	IM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000	0 300 4 150k 300 4 y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 0 46.5 Ilt : Average (dBµV) 38.8 28.7 24.8 24.9 24.9	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N N Line N N N N N	Freque (dB) 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.5 19.4 19.5 19.4	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 13.5 Margin (dB) 15.2 22.9 25.0 23.5 21.9	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0 Limit (dBµV 54.0 51.6 49.8 48.4 46.8		20	JM 30	м		
Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000 0.454000 3.302000 13.558000 Final Resu Frequenc (MHz) 0.190000 0.254000 0.318000 0.374000	Ilt : Quasi-Peak y Quasi-Peak (dBµV) 53.9 43.7 39.0 35.1 31.9 32.5 46.5 Ilt : Average (dBµV) 38.8 28.7 24.8 24.9 23.3 23.3	Filter I Off 0 Off 0 Off 0 Off 0 Off 0 Off 0 Filter I Off 0 Off 0 Off 0 Off 0 Off 0	Line N N N N N N Line N N N N	Freque (dB) 19.5 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.5 19.5 19.4 19.5	Margin (dB) 10.1 17.9 20.8 23.3 24.9 23.5 13.5 13.5 Margin (dB) 15.2 22.9 25.0 23.5	Limit (dBµV 64.0 61.6 59.8 58.4 56.8 56.0 60.0 Limit (dBµV 54.0 51.6 49.8 48.4		20	JM 30	м		

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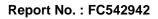
Test Mode :	Mode 3			Temp	erature :		24~26 ℃		
Test Engineer :	Kai-Chun Chu			Relati	ve Humi	idity :	53~55%		
Test Voltage :	120Vac / 60Hz			Phase	:		Line		
Function Type :	Data Link with Notebook Earphone 2 + SIM 2		(with L	ISB Cab	ole) + '	WLAN (5GHz) Idle + NFC On +			
Vields at 1	100 90 80 70 60 50 40 30 20	V	nwhv				R22-QP Limit at Main Ports		
Frequenc	Ilt : Quasi-Peak	: 	800 1M	Freque	ency in Hz Margin	M 5M 6	8 10M 20M 30M		
Frequenc (MHz)	Ilt : Quasi-Peak y Quasi-Peak (dBµV)	Filter	Line	Freque Corr. (dB)	ency in Hz Margin (dB)	Limit (dBµV)			
Frequenc (MHz) 0.190000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.6	Filter Off	Line L1	Freque Corr. (dB) 19.5	Margin (dB) 10.4	Limit (dBµV) 64.0			
Frequenc (MHz) 0.190000 0.246000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.6 44.3	Filter Off Off	Line L1 L1	Freque Corr. (dB) 19.5 19.4	Margin (dB) 10.4 17.6	Limit (dBµV) 64.0 61.9			
Frequency (MHz) 0.190000 0.246000 0.334000	ult : Quasi-Peak y Quasi-Peak (dBμV) 53.6 44.3 35.1	Filter Off Off Off	Line L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4	Margin (dB) 10.4 17.6 24.3	Limit (dBµV) 64.0 61.9 59.4			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.6 44.3 35.1 32.4	Filter Off Off Off Off	Line L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4 19.5	Margin (dB) 10.4 17.6 24.3 25.3	Limit (dBµV) 64.0 61.9 59.4 57.7			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000	ult : Quasi-Peak y Quasi-Peak (dBµV) 53.6 44.3 35.1 32.4 28.4	Filter Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4 19.5 19.5	Margin (dB) 10.4 17.6 24.3 25.3 27.6	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000	ult : Quasi-Peak y Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0	Filter Off Off Off Off	Line L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4 19.5	Margin (dB) 10.4 17.6 24.3 25.3	Limit (dBµV) 64.0 61.9 59.4 57.7			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000	0 300 4 150k 300 4 y Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5	Filter Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.5 19.5 19.5 19.8	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu	0 300 4 150k 300 4 Ilt : Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5	Filter Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4 19.5 19.5 19.5 19.8 19.9	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000	0 300 4 150k 300 4 vilt : Quasi-Peak (dBµV) 300 4 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 ilt : Average y	Filter Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.5 19.5 19.5 19.8	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu	0 300 4 150k 300 4 alt Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 alt Average (dBμV)	Filter Off Off Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.4 19.5 19.5 19.5 19.5 19.8 19.9 Corr. (dB)	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Margin	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu Frequency (MHz)	0 300 4 150k 300 4 Ilt : Quasi-Peak (dBµV) 300 4 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 Ilt : Average (dBµV) 39.5	Filter Off Off Off Off Off Off Off Off Filter	Line L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.4 19.4 19.5 19.5 19.5 19.8 19.9 Corr.	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Margin (dB)	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0 Limit (dBµV)			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu Frequency (MHz) 0.190000	0 300 4 150k 300 4 alt : Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 alt : Average (dBμV) 39.5 29.1	Filter Off Off Off Off Off Off Off Off Filter	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.4 19.4 19.5 19.5 19.5 19.8 19.9 Corr. (dB) 19.5	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Margin (dB) 14.5	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0 Contemporation (dBµV) 54.0			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu Frequency (MHz) 0.190000 0.246000	0 300 4 150k 300 4 alt Quasi-Peak (dBμV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 alt Average (dBμV) 39.5 29.1 23.6 23.6	Filter Off Off Off Off Off Off Off Filter	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.4 19.5 19.5 19.5 19.8 19.9 Corr. (dB) 19.5 19.4	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Margin (dB) 14.5 22.8	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0 Limit (dBµV) 54.0 51.9			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu Frequency (MHz) 0.190000 0.246000 0.334000	0 300 4 150k 300 4 alt Quasi-Peak (dBµV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 alt Average (dBµV) 39.5 29.1 23.6 20.8	Filter Off Off Off Off Off Off Off Filter Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque Corr. (dB) 19.5 19.4 19.4 19.5 19.5 19.8 19.9 Corr. (dB) 19.5 19.4 19.4	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Margin (dB) 14.5 22.8 25.8	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0 Limit (dBµV 54.0 51.9 49.4			
Frequency (MHz) 0.190000 0.246000 0.334000 0.406000 0.518000 4.534000 13.558000 Final Resu Frequency (MHz) 0.190000 0.246000 0.334000 0.406000	0 300 4 150k 300 4 alt Quasi-Peak (dBµV) 53.6 44.3 35.1 32.4 28.4 24.0 0 46.5 alt Average (dBµV) 39.5 29.1 23.6 20.8 21.5 21.5	Filter Off Off Off Off Off Off Off Filter Off Off Off Off Off	Line L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1 L1	Freque (dB) 19.5 19.4 19.4 19.5 19.5 19.8 19.9 (Corr. (dB) 19.5 19.4 19.4 19.4	Margin (dB) 10.4 17.6 24.3 25.3 27.6 32.0 13.5 Xargin (dB) 14.5 22.8 25.8 25.8 26.9	Limit (dBµV) 64.0 61.9 59.4 57.7 56.0 56.0 60.0 Limit (dBµV 54.0 51.9 49.4 47.7			

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Test Mode :	Mode 3			Temp	erature :		24~26 ℃		
Test Engineer :	Kai-Chun Chu			Relati	ve Humi	idity :	53~55%		
Test Voltage :	120Vac / 60Hz			Phase	e :		Neutral		
Function Type :	tion Type : Data Link with Notebook Earphone 2 + SIM 2			with L	ISB Cab	ole) + '	WLAN (5GHz) Idle + NFC On -		
Local is dBAV	100 90 80 70 60 50 40 40 30 20 10						22-QP Limit at Main Ports 22-Ave Limit at Main Ports		
	0 150k 300 4	400 500	800 1M		M 3M 41 acy in Hz	M 5M 6	8 10M 20M 30M		
	150k 300 4		800 1M	Frequer	icy in Hz		8 10M 20M 30M		
Frequenc	IIt : Quasi-Peak		800 1M	Frequer	ncy in Hz Margin	Limit			
Frequency (MHz)	IIt : Quasi-Peak y Quasi-Peak (dBµV)	C Filter	Line	Frequer Corr. (dB)	Margin (dB)	Limit (dBµV)			
Frequency (MHz) 0.174000	150k 300 4 Ilt : Quasi-Peak y Quasi-Peak (dBµV) 55.2	C Filter Off	Line	Frequer Corr. (dB) 19.4	Margin (dB) 9.6	Limit (dBµV) 64.8			
Frequency (MHz) 0.174000 0.230000	150k 300 4 Ilt : Quasi-Peak y Quasi-Peak (dBμV) 55.2 47.3	Filter Off Off	Line N N	Frequer Corr. (dB) 19.4 19.6	Margin (dB) 9.6 15.1	Limit (dBµV) 64.8 62.4			
Frequency (MHz) 0.174000 0.230000 0.278000	150k 300 4 Ilt : Quasi-Peak (dBµV) 55.2 47.3 40.3	Filter Off Off Off	Line N N N	Frequer Corr. (dB) 19.4 19.6 19.4	Margin (dB) 9.6 15.1 20.6	Limit (dBµV) 64.8 62.4 60.9			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000	150k 300 4 Ilt: Quasi-Peak (dBμV) 4 55.2 47.3 40.3 36.3 36.3 3	Filter Off Off	Line N N	Frequer Corr. (dB) 19.4 19.6 19.4 19.4	Margin (dB) 9.6 15.1 20.6 23.3	Limit (dBµV) 64.8 62.4 60.9 59.6			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000	150k 300 4 alt : Quasi-Peak (dBµV) 55.2 47.3 40.3 36.3 32.0	Filter Off Off Off Off Off	Line N N N N	Frequer Corr. (dB) 19.4 19.6 19.4 19.4 19.5	Margin (dB) 9.6 15.1 20.6 23.3 25.7	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000	150k 300 4 Ilt : Quasi-Peak (dBµV) 55.2 47.3 40.3 36.3 32.0 27.0	Filter Off Off Off Off Off Off	Line N N N N	Frequer Corr. (dB) 19.4 19.6 19.4 19.4 19.5 19.4	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0	Limit (dBµV) 64.8 62.4 60.9 59.6			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000	ISOk 300 4 Ilt: Quasi-Peak (dBμV) 6 55.2 47.3 40.3 40.3 36.3 32.0 27.0 27.1 27.1	Filter Off Off Off Off Off	Line N N N N N N	Frequer Corr. (dB) 19.4 19.6 19.4 19.4 19.5	Margin (dB) 9.6 15.1 20.6 23.3 25.7	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000	150k 300 4 Ilt:Quasi-Peak (dBμV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 27.1	Filter Off Off Off Off Off Off Off Off	Line N N N N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.5	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9	Limit (dBµV 64.8 62.4 60.9 59.6 57.7 56.0 56.0			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000	150k 300 Ilt : Quasi-Peak (dBμV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 45.6 Ilt : Average	Filter Off Off Off Off Off Off Off Off Off	Line N N N N N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.5	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9	Limit (dBµV 64.8 62.4 60.9 59.6 57.7 56.0 56.0			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu	150k 300 Ilt : Quasi-Peak (dBμV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 45.6 Ilt : Average	Filter Off Off Off Off Off Off Off Off	Line N N N N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.4 19.5 19.4 19.7 20.0	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu	150k 300 Ilt : Quasi-Peak (dBµV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 45.6 Ilt : Average (dBµV)	Filter Off Off Off Off Off Off Off Off Off	Line N N N N N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.7 20.0 Corr.	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz)	150k 300 4 Ilt: Quasi-Peak (dBµV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 0 45.6 Ilt: Average (dBµV) 40.3 40.3	Filter Off Off Off Off Off Off Off Off Off Filter	Line N N N N N N N Line	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB)	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB)	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 56.0 60.0 Limit (dBµV			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz) 0.174000	150k 300 4 Ilt: Quasi-Peak (dBμV) 6 55.2 47.3 40.3 40.3 36.3 32.0 27.0 27.1 0 45.6 400 400 Quasi-Peak 40.3 40.3 36.3 32.0 400 40.3 36.3 32.0 27.1 45.6 400 40.3 40.3 40.3 33.0 40.3 40.3	Filter Off Off Off Off Off Off Off Off Off Filter	Line N N N N N N N Line N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.4	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB) 12.8	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 56.0 60.0 Limit (dBµV 54.8			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz) 0.174000 0.230000	150k 300 Ilt: Quasi-Peak (dBμV) 55.2 47.3 40.3 36.3 32.0 27.1 0 45.6 Ilt: Average (dBμV) 42.0 33.0 24.0	Filter Off Off Off Off Off Off Off Off Off Filter	Line N N N N N N N Line N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.4 19.4 19.6	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB) 12.8 19.4	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0 Limit (dBµV 54.8 52.4			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz) 0.174000 0.230000 0.278000	150k 300 Ilt: Quasi-Peak (dBμV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 0 45.6 Ilt: Average (dBμV) 40.3 36.3 32.0 27.1 0 45.6 Ilt: Average (dBμV) 42.0 33.0 24.0 22.0	Filter Off Off Off Off Off Off Off Off Off Filter	Line N N N N N N N Line N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.4 19.6 19.4	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB) 12.8 19.4 26.9	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0 Limit (dBµV 54.8 52.4 50.9			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz) 0.174000 0.230000 0.278000 0.326000	150k 300 4 Ilt: Quasi-Peak (dBμV) 6 y Quasi-Peak (dBμV) 6 55.2 47.3 40.3 40.3 36.3 32.0 27.0 27.1 0 10 45.6 11 20 27.0 27.1 21 45.6 11 22.0 33.0 24.0 22.0 23.2 23.2	Filter Off Off Off Off Off Off Off Off Off Filter	Line N N N N N N N Line N N N N N	Frequer (dB) 19.4 19.6 19.4 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.4 19.6 19.4 19.4	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB) 12.8 19.4 26.9 27.6	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0 Limit (dBµV 54.8 52.4 50.9 49.6			
Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000 0.566000 3.014000 13.558000 Final Resu Frequency (MHz) 0.174000 0.230000 0.278000 0.326000 0.406000	150k 300 4 Ilt: Quasi-Peak (dBµV) 55.2 47.3 40.3 36.3 32.0 27.0 27.1 0 45.6 Ilt: Average (dBµV) 40.3 36.3 32.0 27.0 27.1 0 45.6 11 V Average (dBµV) 42.0 33.0 24.0 23.2 19.7	Filter Off Off Off Off Off Off Off Off Off Of	Line N N N N N N N Line N N N N N N	Frequer (dB) 19.4 19.6 19.4 19.5 19.4 19.5 19.4 19.7 20.0 Corr. (dB) 19.4 19.6 19.4 19.4 19.4 19.4	Margin (dB) 9.6 15.1 20.6 23.3 25.7 29.0 28.9 14.4 Margin (dB) 12.8 19.4 26.9 27.6 24.5	Limit (dBµV) 64.8 62.4 60.9 59.6 57.7 56.0 56.0 60.0 60.0 Limit (dBµV 54.8 52.4 50.9 49.6 47.7			

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3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

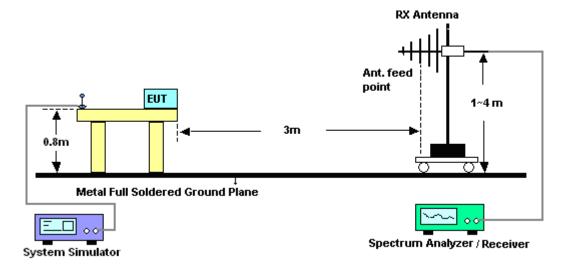
3.2.3. Test Procedures

- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
- 8. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level.

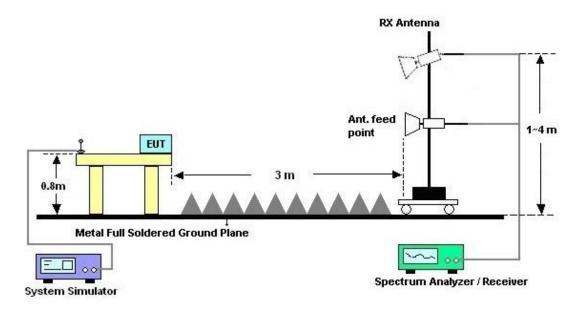


3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz

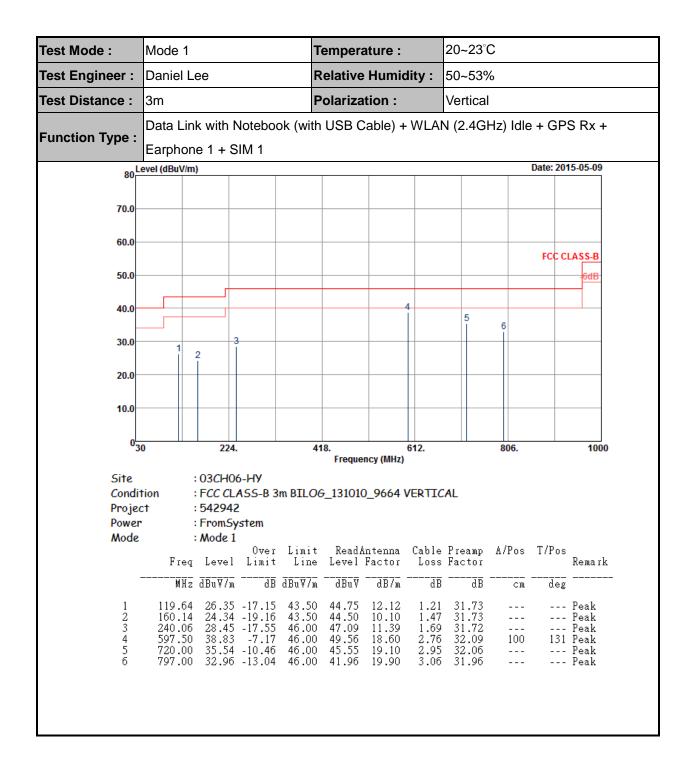




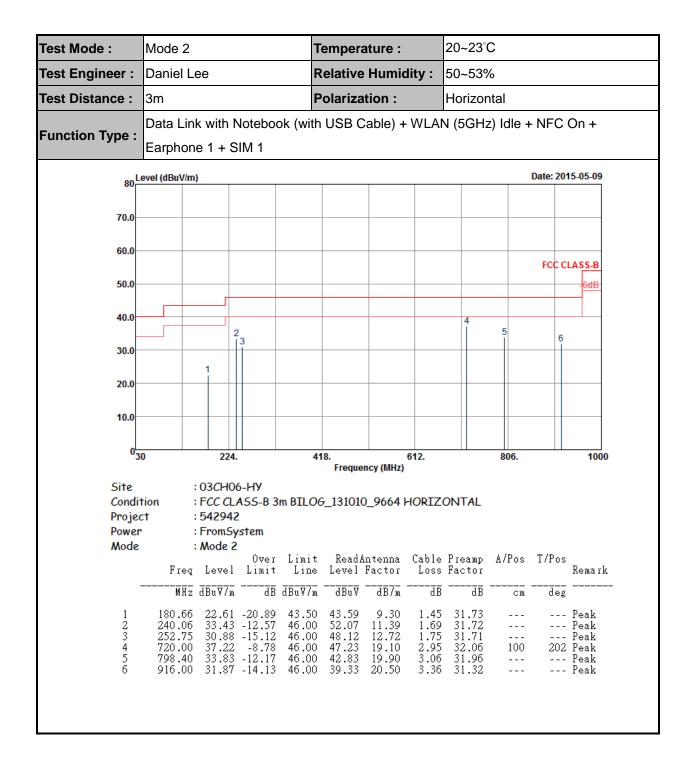
3.2.5. Test Result of Radiated Emission

Test Mode :	Mode 1				Temper	ature :		20~23	°C		
Test Engineer :	Daniel I	_ee		F	Relativ	e Humi	idity :	50~53	%		
Test Distance :	3m	3m				Polarization : Hor			lorizontal		
Function Type :	Data Link with Notebook (wi Earphone 1 + SIM 1			ok (with	th USB Cable) + WLAN (2.4			N (2.4G	I (2.4GHz) Idle + GPS Rx		
80 Lei	vel (dBuV/m)								Date: 201	15-05-09
70.0											
60.0											
50.0										FCC C	-6dB
40.0			2					4	5	6	
30.0		1	3								
20.0											
10.0											
0 <mark></mark> 30		224		41		ncy (MHz)	612.		806.		1000
Site Conditi Project Power Mode	on t	: 03CH0 : FCC CL : 54294 : FromSy : Mode 1	ASS-B 3 2 ystem		5_131010)_9664					
			Limit		Level	Factor	Loss	Factor	A/Pos		Remark
		<u>dBuV7m</u>		dBuV7m					cm	deg	
1 2 3 4 5 6	181.20 240.06 253.56 720.00 776.00 923.00	35.33 31.64 34.29 34.05	-21.10 -10.67 -14.36 -11.71 -11.95 -12.80	46.00 46.00 46.00 46.00	43.44 53.97 48.88 44.30 43.12 40.57	9.24 11.39 12.72 19.10 19.86 20.53	1.45 1.69 1.75 2.95 3.06 3.36	31.73 31.72 31.71 32.06 31.99 31.26	100	б1 	Peak Peak Peak Peak Peak Peak

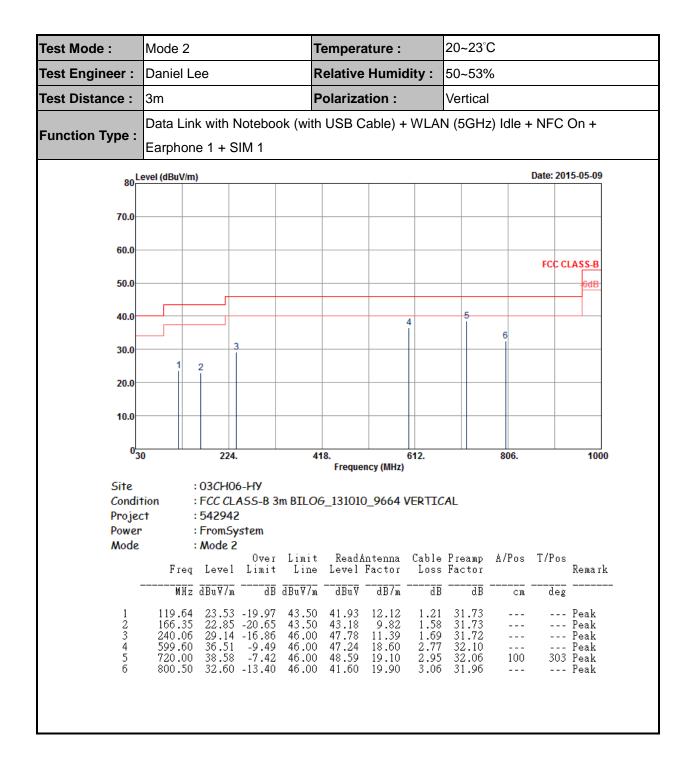














Test Mode :	Mode 3	Tempera	ature :	20~23°C			
Test Engineer :	Daniel Lee	Relative	Humidity :	50~53%			
Test Distance :	3m	Polariza	Polarization : Horizontal				
Function Type :	Data Link with Notek Earphone 1 + SIM 2	book (with USB C	able) + WLAI	N (5GHz) Idle ·	+ GPS Rx +		
Remark :	#8 is system simulat	or signal which c	an be ignorec	l.			
97 <mark></mark>	evel (dBuV/m)				Date: 2015-05-10		
84.9-							
72.8-					FCC CLASS-B -6dB		
60.6	8			FC	C CLASS-B (AVG)		
48.5	4	9 10		11 12	<u>-6dB</u> 13		
36.4	3 50						
24.3							
12.1							
0 <mark>1</mark> 3	0 2624.	5218. Freque	7812. ncy (MHz)	10406.	13000		
Site Condit Projec Power Mode	t : 542942 : FromSystem : Mode 3	3 3m HF-ANT_583_ er Limit ReadA		CONTAL Preamp A/Pos	T/Pos		
	Freq Level Lim	it Line Level	Factor Loss	Factor	Remark		
	MHz dBuV7m	dB dBu∀/m dBu∀	dB/m dB	dB cm	deg		
1 2 3 4 5 6	180.66 23.40 -20. 240.06 33.58 -12. 253.56 32.13 -13. 720.00 39.03 -6. 797.00 32.96 -13.	4246.0052.228746.0049.379746.0049.04	9.30 1.45 11.39 1.69 12.72 1.75 19.10 2.95 19.90 3.06	31.73 31.72 31.71 32.06 100 31.96	Peak Peak Peak 257 Peak Peak Peak		



Test Mode :	Mode 3			Т	empera	ature :		20~23°(С		
Test Engineer :	Daniel Le	эе		R	elative	Humic	dity :	50~53%	6		
Test Distance :	3m			Р	Polarization : Vertical			tical			
Function Type :		Data Link with Notebook (w Earphone 1 + SIM 2				h USB Cable) + WLAN (5GHz) Idle					Rx +
Remark :	#8 is sys	tem sin	nulator	signal v	which c	an be i	gnored				
97	evel (dBuV/m))								Date: 201	5-05-10
84.9											
72.8										FCC CI	ASS-B -6dB
60.6		8							FC	C CLASS-	B (AVG)
48.5	4 6		9)	10			11 	12	2	<u>-6dB</u> 1:
36.4 1 24.3	3										
12.1											
03	0	2624		52	18.		7812.		10406.		13000
Site Condit Projec Power Mode	tion : ct :	03CH00 FCC CL/ 542942 FromSy Mode 3	ASS-B 3 ! !stem	m HF-AN	NT_583 <u>-</u>					-	
	_	Level	Limit	Line	Level	Factor	Loss	Preamp Factor	A/Pos	T/Pos	Remark
		dBuV7m		dBuV7m			dB	dB	CM	deg	
1 2 3 4 5 6 7 8 9 10 11	119.64 135.30 240.06 720.00 797.00 998.60 1380.00 1960.00 3994.00 6228.00 8998.00	22.95 28.25 38.21 34.73 40.22 45.78 55.97 44.29 43.52	-17.89 -20.55 -17.75 -7.79 -11.27 -13.78 -28.22 -29.71 -30.48 -31.08 -30.14	43.50 43.50 46.00 46.00 54.00 74.00 74.00 74.00 74.00 74.00	44.01 41.71 46.89 48.22 43.73 46.16 71.58 77.06 60.61 54.40 52.10	12.12 11.68 11.39 19.10 19.90 21.29 27.93 31.33 33.40 35.53 35.99	1.21 1.29 1.69 2.95 3.06 3.36 5.11 6.10 9.08 11.62 13.83	31.73 31.73 31.72 32.06 31.96 30.59 58.84 58.52 58.80 58.03 59.00	100	140 161 	Peak Peak Peak Peak Peak Peak Peak Peak



4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100356	9kHz ~ 2.75GHz	Dec. 01, 2014	May 10, 2015	Nov. 30, 2015	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz ~ 30MHz	Dec. 02, 2014	May 10, 2015	Dec. 01, 2015	Conduction (CO05-HY)
LISN (for auxiliary equipment)	Rohde & Schwarz	ENV216	100081	9kHz ~ 30MHz	Dec. 08, 2014	May 10, 2015	Dec. 07, 2015	Conduction (CO05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 10, 2015	N/A	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Apr. 20, 2015	May 10, 2015	Apr. 19, 2016	Conduction (CO05-HY)
LF Cable	Shuner	RG-402	N/A	N/A	Oct. 07, 2014	May 10, 2015	Oct. 06, 2015	Conduction (CO05-HY)
Test Software	N/A	EMC32	8.40.0	N/A	N/A	May 10, 2015	N/A	Conduction (CO05-HY)
Bilog Antenna	Teseq GmbH	CBL6112D	35379	30MHz~2GHz	Sep. 27, 2014	May 09, 2015~ May 10, 2015	Sep. 26, 2015	Radiation (03CH06-HY)
Double Ridge Horn Antenna	EMCO	3117	00066583	1GHz~18GHz	Jul. 24, 2014	May 09, 2015~ May 10, 2015	Jul. 23, 2015	Radiation (03CH06-HY)
Hygrometer	WISEWIND	410	BU5004	N/A	May. 04, 2015	May 09, 2015~ May 10, 2015	May. 03, 2016	Radiation (03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 20, 2015	May 09, 2015~ May 10, 2015	Apr. 19, 2016	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1815698	1GHz~18GHz	Dec. 12, 2014	May 09, 2015~ May 10, 2015	Dec. 11, 2015	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 19, 2015	May 09, 2015~ May 10, 2015	Jan. 18, 2016	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	RG_142_B/U	NA	30MHz ~ 1GHz	Nov. 27, 2014	May 09, 2015~ May 10, 2015	Nov. 26, 2015	Radiation (03CH06-HY)
RF Cable	Infinet	LL142	Infinet CA3601-3601- 1000	1GHz ~ 26.5GHz	Nov. 27, 2014	May 09, 2015~ May 10, 2015	Nov. 26, 2015	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	May 09, 2015~ May 10, 2015	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0 ~ 360 degree	N/A	May 09, 2015~ May 10, 2015	N/A	Radiation (03CH06-HY)
Test Software	Audix	E3	Version 6.2009-8-24	N/A	N/A	May 09, 2015~ May 10, 2015	N/A	Radiation (03CH06-HY)
Filter	Microwave	H3G018G1	SN477215	1.0G High Pass	Oct. 01, 2014	May 09, 2015~ May 10, 2015	Sep. 30, 2015	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-12 SS	SN2	1.2G Low Pass	Oct. 01, 2014	May 09, 2015~ May 10, 2015	Sep. 30, 2015	Radiation (03CH06-HY)

Note: The test equipment calibration is traceable to the ISO17025.



5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of	2.26
Confidence of 95% (U = 2Uc(y))	2.20

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of	4.50
Confidence of 95% (U = 2Uc(y))	4.50
CONTRACTICE OF 95 % (O = 20C(y))	