

FCC Test Report

APPLICANT	: Sony Mobile Communications Inc.	
EQUIPMENT	: GSM/WCDMA/LTE Phone+Bluetooth,	
	DTS/UNII a/b/g/n and NFC	
BRAND NAME	: Sony	
FCC ID	: PY7-33143E	
STANDARD	: FCC 47 CFR FCC Part 15 Subpart B	
CLASSIFICATION	: FCC CLASS B PERSONAL	
	COMPUTERS AND PERIPHERALS	

The product was received on Nov. 22, 2016 and testing was completed on Mar. 02, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 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.

Lunis Wu

Reviewed by: Louis Wu / Manager

Approved by: Jones Tsai / Manager



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SPORTON INTERNATIONAL INC. TEL : 886-3-327-3456 FAX : 886-3-328-4978 FCC ID : PY7-33143E Page Number : 1 of 25 Report Issued Date : Mar. 03, 2017 Report Version : Rev. 01 Report Template No.: BU5-FD15B Version 1.3



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FC6N2205-01	Rev. 01	Initial issue of report	Mar. 03, 2017



Report Section	FCC Rule Description		FCC Rule Description Limit		Result	Remark
3.1	15.107	AC Conducted Emission	cted Emission < 15.107 limits PASS		Under limit 12.60 dB at 0.198 MHz	
3.2	15.109	Radiated Emission < 15.109 limits		PASS	Under limit 3.10 dB at 743.800 MHz	

SUMMARY OF TEST RESULT



1. General Description

1.1. Applicant

Sony Mobile Communications Inc.

4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan

1.2. Manufacturer

Sony Mobile Communications Inc.

4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan

1.3. Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n, NFC, and GPS

Product Specification subjective to this standard				
	WWAN: Coupling type (LDS) Antenna			
	WLAN: PIFA Antenna			
Antenna Type	Bluetooth: PIFA Antenna			
	GPS/Glonass: PIFA Antenna			
	NFC: Loop Antenna			

EUT Information List						
HW Version	SW Version	S/N	Performed Test Item			
A	0.79	RQ3003E7GZ	Conducted Emission Radiated Spurious Emission			



Accessory List				
Formhone 1	Model No. : MH410c			
Earphone 1	S/N : 1632A86600007B2			
Formhone 0	Model No. : MH410c			
Earphone 2	S/N : N/A			
	Model No. : UCB20			
USB Cable	S/N : 1625A91900007E2			

Note:

- 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.

1.4. Modification of EUT

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



1.5. Test Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 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 Site Location	Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.			
Test Sile Location	TEL: +886-3-327-3456			
	FAX: +886-3-328-4978			
Teet Cite No	Sporton	Site No.		
Test Site No.	CO05-HY 03CH06-HY			

1.6. 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 C63.4-2014

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

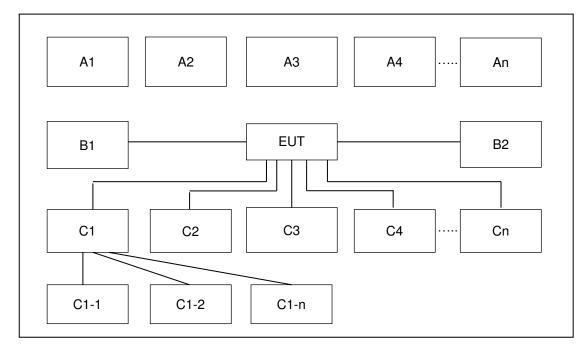
2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 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).

Test Items	Function Type					
AC Conducted	Mode 1: Flight Mode + USB Cable (Data Link with Notebook) + Battery + Earphone 1					
Emission	Mode 2: Flight Mode + USB Cable (Data Link with Notebook) + Battery + Earphone 2					
Radiated	Mode 1: Flight Mode + USB Cable (Data Link with Notebook) + Battery + Earphone 1					
Emissions	Mode 2: Flight Mode + USB Cable (Data Link with Notebook) + Battery + Earphone 2					
Remark:						
1. The worst	1. The worst case of Radiated Emissions was measured for signal above 1GHz.					
2. Data Link	with Notebook means data application transferred mode between EUT and					
Notebook	Notebook.					



2.2. Connection Diagram of Test System



	Test Setup								
No.	Wireless Station			Test Mode					
NO.	wireless Station	Connection Type	1	2	-	-	-	-	-
C1	Notebook	USB Cable	Х	Х					
C1-1	IPod	USB Cable to C1	х	х					
C1-2	AP router	RJ-45 Cable to C1	х	х					
C2	Earphone	Earphone jack	Х	Х					
C3	SD card	SD I/O interface without Cable	х	х					



2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	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
3.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
4.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
5.	SD Card	Transcend	MicroSD HC	FCC DoC	N/A	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 Flight mode.



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	on 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

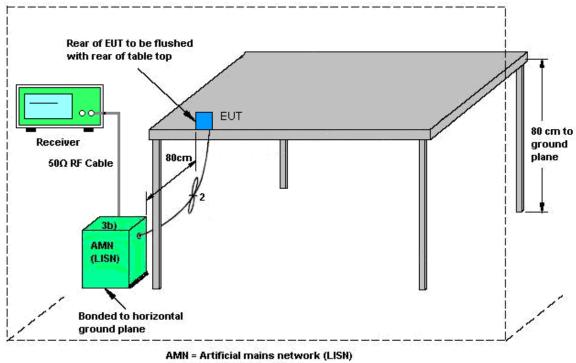
The measuring equipment is listed in the section 4 of this test report.

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



- AE = Associated equipment
- EUT = Equipment under test
- ISN = Impedance stabilization network



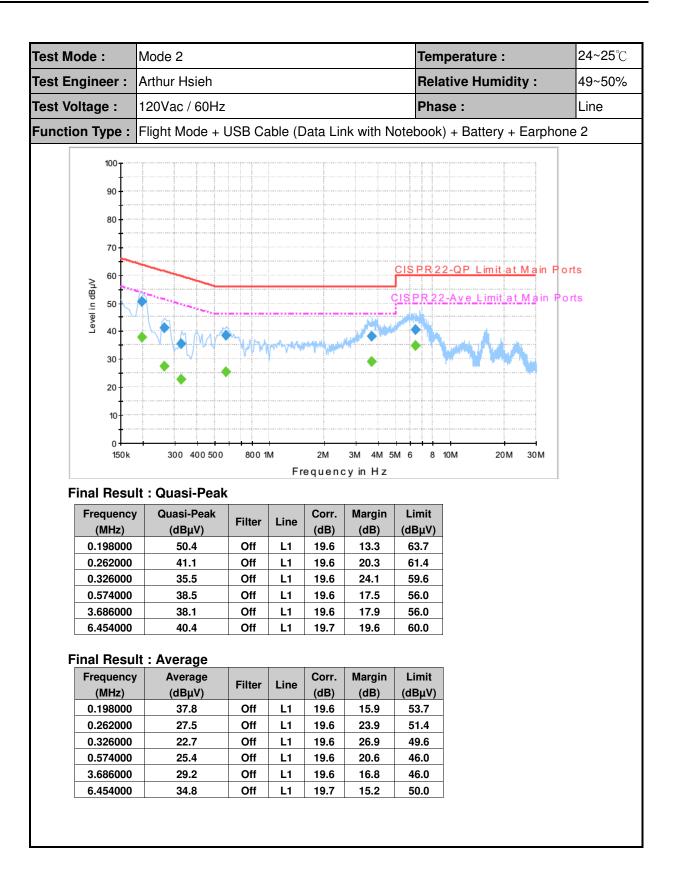
3.1.5 Test Result of AC Conducted Emission

Test E	Fest Mode :			Mode 1					Temperature :				24~25 ℃						
Test Engineer : Test Voltage :			Arthur Hsieh						Relative Humidity :				49~50%						
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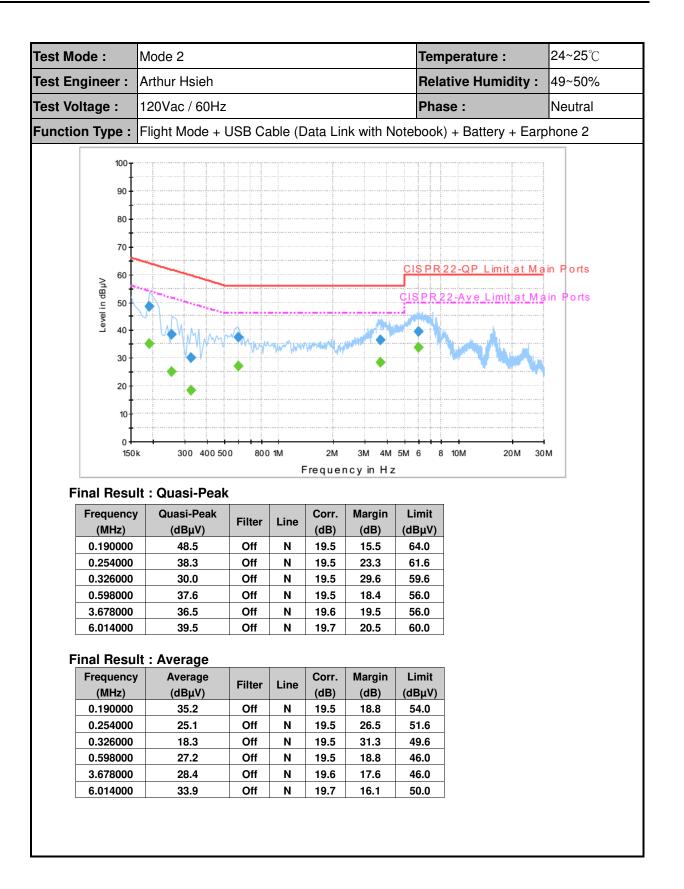


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Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654	150 k Resul Jency Hz) 8000 4000 4000 4000	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3	Filter Off Off Off Off	Fre Line N N N N N	Corr. (dB) 19.5 19.5 19.5 19.5 19.5	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0]	
Final R Frequ (MI 0.194 0.254 0.318 0.574	150 k Resul Jency Hz) 8000 4000 4000 4000	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6	Filter Off Off Off Off	Free Line N N N N	Corr. (dB) 19.5 19.5 19.5 19.5	y in Hz Margin (dB) 13.2 19.9 24.2 17.4	Limit (dBµV) 63.7 61.6 59.8 56.0]	
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.590 Final R	150 k Resul Jency Hz) 8000 4000 4000 4000 0000 Resul	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.6 38.3 41.7 t : Average	Filter Off Off Off Off	Fre Line N N N N N	Corr. (dB) 19.5 19.5 19.5 19.5 19.6 19.7	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0]	
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.594 Final R Frequ	150 k Resul Jency Hz) 8000 4000 4000 4000 4000 0000 Resul Jency	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average Average	Filter Off Off Off Off	Fre Line N N N N N	Corr. (dB) 19.5 19.5 19.5 19.5 19.6 19.7 Corr.	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit		
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.594 Final R Frequ (MI	150k Resul Hz) 88000 4000 8000 4000 0000 Resul uency Hz)	t : Quasi-Peak Quasi-Peak (dBµV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average (dBµV)	Filter Off Off Off Off Off Off	Fre Line N N N N N Line	Corr. (dB) 19.5 19.5 19.5 19.6 19.6 19.7 Corr. (dB)	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin (dB)	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit (dBµV)		
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.590 Final R Frequ (MI 0.194	Resul Jency Hz) 8000 4000 4000 4000 4000 8000 4000 8000 8 8 8 8	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average Average (dBμV) 39.1	Filter Off Off Off Off Off Off Filter	Fre N N N N N Line N	Corr. (dB) 19.5 19.5 19.5 19.6 19.7 19.6 19.7 Corr. (dB) 19.5	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin (dB) 14.6	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit (dBµV) 53.7		
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.590 Final R Frequ (MI 0.194 0.254	Itency Result Result B000 4000 8000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000	t : Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average (dBμV) 39.1 26.2	Filter Off Off Off Off Off Off Filter	Fre Line N N N N N Line	Corr. (dB) 19.5 19.5 19.5 19.6 19.7 19.6 19.7 (dB) 19.5 19.5	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin (dB) 14.6 25.4	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit (dBµV) 53.7 51.6		
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.590 Final R Frequ (MI 0.194	150k Resul Hz) 8000 4000 4000 0000 0000 Resul Jency Hz) 8000 8000 8000	t : Quasi-Peak Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average Average (dBμV) 39.1	Filter Off Off Off Off Off Off Filter	Fre Line N N N N N Line N N	Corr. (dB) 19.5 19.5 19.5 19.6 19.7 19.6 19.7 Corr. (dB) 19.5	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin (dB) 14.6	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit (dBµV) 53.7		
Final R Frequ (MI 0.194 0.254 0.314 0.574 3.654 6.594 Final R Frequ (MI 0.194 0.254 0.314	150k Resul Jency Hz) 8000 4000 4000 0000 Resul Jency Hz) 8000 4000 4000	t : Quasi-Peak (dBμV) 50.5 41.7 35.6 38.6 38.3 41.7 t : Average (dBμV) 39.1 26.2 22.5	Filter Off Off Off Off Off Filter	Fre N N N N N N N N N N N N N N	Corr. (dB) 19.5 19.5 19.5 19.5 19.6 19.7 (dB) 19.5 19.5 19.5	y in H z Margin (dB) 13.2 19.9 24.2 17.4 17.7 18.3 Margin (dB) 14.6 25.4 27.3	Limit (dBµV) 63.7 61.6 59.8 56.0 56.0 60.0 Limit (dBµV) 53.7 51.6 49.8		











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.

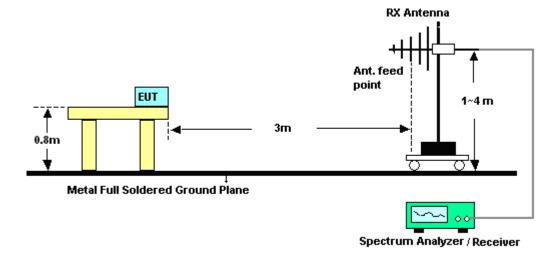
3.2.3. Test Procedures

- 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.

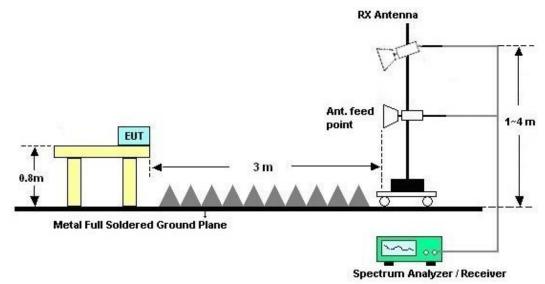


3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz

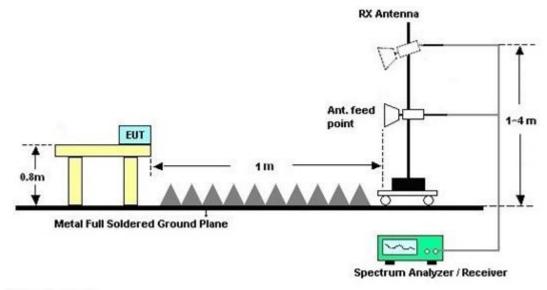


For radiated emissions from 1GHz to 18GHz











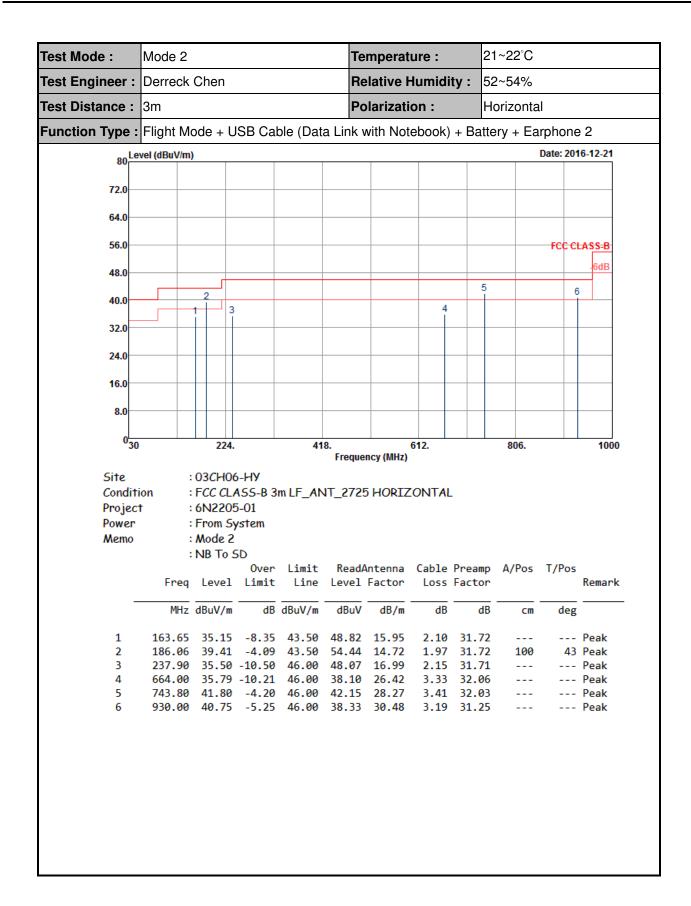
3.2.5. Test Result of Radiated Emission

Test Mode :	Mode	1			Temperature :			21~2	21~22°C			
Test Engineer :	Derrec	k Cher	l		Relative Humidity :			52~5	52~54%			
Test Distance :	3m				Polari	zation	:	Horiz	ontal			
Function Type	: Flight	Mode +	USB	Cable (D	Data Lir	nk with I	Notebo	ok) + B	attery 4	- Earph	none 1	
117	vel (dBuV/m))								Date: 201	7-03-02	
105.3												
93.6										FCC CLA	8 C D	
81.9										FCC CLA	52-B	
70.2												
									FCC C	LASS-B (AVG)	
58.5				44 12								
46.8		9	10	11 12			13		14		1:	
35.18	8	3										
23.4												
11.7							_					
0 ₃₀		6024		120		1 ncy (MHz)	8012.		24006.		30000	
		6024 03CH06		120			8012.		24006.		30000	
030	:	03CH06	5-НУ	120 _ 1m SHF	Freque	ncy (MHz)		TAL	24006.		30000	
0 ₃₀ Site Conditio Project	; on ;	03CH06 FCC CL/ 6N2205	5-HY 455-B 5-01		Freque	ncy (MHz)		TAL	24006.		30000	
0 ₃₀ Site Conditio Project Power	: on : :	03CH06 FCC CL/ 6N2205 From Sy	5-HY 455-B 5-01		Freque	ncy (MHz)		TAL	24006.		30000	
0 ₃₀ Site Conditie Project Power Memo	: on : : :	03CH00 FCC CL/ 6N2205 From Sy Mode 1	5-HY ASS-B 5-01 ystem	_1m SHF	Freque	ncy (MHz)		TAL	24006.		30000	
0 ₃₀ Site Conditio Project Power	: on : : : :e :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 15	5-HY ASS-B 5-01 ystem 86Hz:3n	_ 1m SHF	Freque	ncy (MHz)		TAL	24006.		30000	
0 ₃₀ Site Conditio Project Power Memo	: on : : : :e :	03CH00 FCC CL/ 6N2205 From Sy Mode 1	5-HY ASS-B 5-01 ystem 86Hz:3n	_ 1m SHF n n	Freque	ncy (MHz) ORN HC	DRIZON			T/Pos	30000	
0 ₃₀ Site Conditio Project Power Memo	: on : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 15	5-HY ASS-B 5-01 ystem 8GHz:3n 8GHz:1n Over	_1m SHF n Limit	Freque	ncy (MHz) ORN HC Antenna	ORIZON Cable			T/Pos	30000 Remark	
0 ₃₀ Site Conditie Project Power Memo	on : : :e : :Freq	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 13 above 15	5-HY ASS-B 5-01 ystem 86Hz:3n 86Hz:1n Over Limit	_1m SHF n Limit	Freque -EHF H ReadA	ncy (MHz) ORN HC Antenna	ORIZON Cable	Preamp		T/Pos deg		
030 Site Conditio Project Power Memo Distanc	on : : :e : :Freq MHz	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level 	5-HY 455-B 5-01 ystem 86Hz:3n 86Hz:1n Over Limit dB	_ 1m SHF n Limit Line	Freque E-EHF H Read/ Level dBuV	ORN HC ORN HC Antenna Factor dB/m	Cable Loss	Preamp Factor	A/Pos	deg		
0 ₃₀ Site Conditio Project Power Memo Distanc 1 2	: on : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32	5-HY 455-B	1m SHF n Limit Line dBuV/m 43.50 43.50	Freque E-EHF H Read/ Level dBuV 45.13 47.07	NCY (MHZ) ORN HC Antenna Factor dB/m 15.34 14.99	Cable Loss dB 2.04 1.98	Preamp Factor dB 31.72 31.72	A/Pos cm	deg	Remark Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3	:e : Freq MHz 171.75 208.47 244.11	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32 30.77	5-HY 455-B	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45	Antenna Factor dB/m 15.34 14.99 17.85	Cable Loss dB 2.04 1.98 2.18	Preamp Factor dB 31.72 31.72 31.71	A/Pos 	deg	Remark Peak Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3 4	: on : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40	5-HY 455-B	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71	Antenna Factor dB/m 15.34 14.99 17.85 26.42	Cable Loss dB 2.04 1.98 2.18 3.33	Preamp Factor dB 31.72 31.72 31.71 32.06	A/Pos 	deg	Remark Peak Peak Peak Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3 4 5	: on : : : : : : : : : : : : : : : : : : :	03CH00 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32 30.77 34.40 42.90	5-HY 455-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit dB -12.71 -11.18 -15.23 -11.60 -3.10	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27	Cable Loss dB 2.04 1.98 2.18 3.33 3.41	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03	A/Pos 	deg	Remark Peak Peak Peak Peak Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3 4 5 6	: on : : : : : : : : : : : : : : : : : : :	03CH00 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15	5-HY 455-B	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25	A/Pos 	deg 121	Remark Peak Peak Peak Peak Peak Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3 4 5	: on : : : : : : : : : : : : : : : : : : :	03CH00 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61	5-HY 455-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit dB -12.71 -11.18 -15.23 -11.60 -3.10	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27	Cable Loss dB 2.04 1.98 2.18 3.33 3.41	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03	A/Pos 	deg 121 	Remark Peak Peak Peak Peak Peak Peak	
030 Site Conditio Project Power Memo Distanc 1 2 3 4 5 6 7	: on : : : : : : : : : : : : : : : : : : :	03CH00 FCC CL/ 6N2205 From Sy Mode 1 below 1 above 1 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99	5-HY 455-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25 60.40	A/Pos cm 100 	deg 121 	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Site Conditio Project Power Memo Distanc 1 2 3 4 5 6 7 8	se : Freq HTz 171.75 208.47 244.11 664.00 743.80 930.00 1806.00 3994.00 5510.00 7488.00	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99 41.83 43.63	5-HY 455-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39 -36.01	1m SHF n Limit Line dBuV/m 43.50 43.50 43.50 46.00 46.00 46.00 46.00 74.00 74.00 74.00	Freque E-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88 58.68	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14 30.80	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99 10.01	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25 60.40 61.50 57.70	A/Pos cm 100 	deg 121 	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Site Conditio Project Power Memo Distance 1 2 3 4 5 6 7 8 9 10 11		03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99 41.83 43.63 46.45	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39 -36.01 -32.17 -30.37 -27.55	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00 74.00 74.00 74.00 74.00	Freque F-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88 58.68 55.17 54.16 52.59	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14 30.80 33.40 37.90 40.25	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99 10.01 10.96 11.67 14.21	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25 60.40 61.50 57.70 60.10 60.60	A/Pos 100 	deg 121 	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Site Conditio Project Power Memo Distance 1 2 3 4 5 6 7 8 9 10 11 12		03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99 41.83 43.63 46.45 48.63	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39 -36.01 -32.17 -30.37 -27.55 -25.37	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00 74.00 74.00 74.00 74.00 74.00	Freque F-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88 58.68 55.17 54.16 52.59 49.33	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14 30.80 33.40 37.90 40.25 41.95	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99 10.01 10.96 11.67 14.21 15.61	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25 60.40 61.50 57.70 60.10 60.60 58.26	A/Pos 	deg 121 0	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Site Conditio Project Power Memo Distance 1 2 3 4 5 6 7 8 9 10 11 12 13	: on : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99 41.83 43.63 46.45 48.63 47.21	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39 -36.01 -32.17 -30.37 -27.55 -25.37 -26.79	1m SHF Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00 7	Freque F-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88 58.68 55.17 54.16 52.59 49.33 43.41	Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14 30.80 33.40 37.90 40.25 41.95 46.10	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99 10.01 10.96 11.67 14.21 15.61 14.96	Preamp Factor dB 31.72 31.72 31.71 32.06 32.03 31.25 60.40 61.50 57.70 60.10 60.60 58.26 57.26	A/Pos cm 100 100 100 100 	deg 121 0 0	Remark Peak Peak Peak Peak Peak Peak Peak Pea	
Site Conditio Project Power Memo Distance 1 2 3 4 5 6 7 8 9 10 11 12 13 14		03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 30.79 32.32 30.77 34.40 42.90 40.15 45.61 37.99 41.83 43.63 46.45 48.63 47.21 46.97	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1n 0ver Limit -12.71 -11.18 -15.23 -11.60 -3.10 -5.85 -28.39 -36.01 -32.17 -30.37 -27.55 -25.37 -26.79 -36.57	1m SHF n Limit Line dBuV/m 43.50 43.50 46.00 46.00 46.00 46.00 74.00 74.00 74.00 74.00 74.00 74.00	Freque F-EHF H Read/ Level dBuV 45.13 47.07 42.45 36.71 43.25 37.73 73.88 58.68 55.17 54.16 52.59 49.33 43.41 34.87	ncy (MHz) ORN HC Antenna Factor dB/m 15.34 14.99 17.85 26.42 28.27 30.48 26.14 30.80 33.40 37.90 40.25 41.95 46.10 40.20	Cable Loss dB 2.04 1.98 2.18 3.33 3.41 3.19 5.99 10.01 10.96 11.67 14.21 15.61 14.96 25.86	Preamp Factor dB 31.72 31.71 32.06 32.03 31.25 60.40 61.50 57.70 60.10 60.60 58.26 57.26 53.96	A/Pos 	deg 121 0 0	Remark Peak Peak Peak Peak Peak Peak Peak Pea	

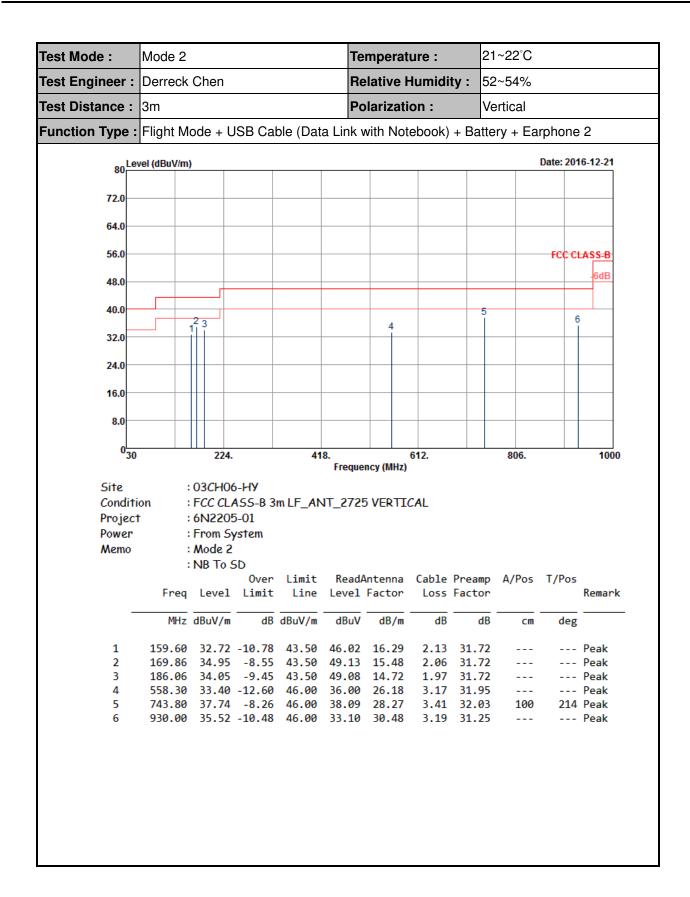


est Mode :	Mode 1				Temperature :			21~2	21~22°C		
est Engineer :	Derreck Chen				Relative Humidity :			52~5	52~54%		
est Distance :	3m				Polari	zation	:	Vertic	al		
unction Type :	Flight	Mode +	USB C	Cable (E	Data Lir	nk with	Notebo	ok) + B	attery 4	⊦ Earpł	none 1
117	l (dBuV/m)									Date: 201	7-03-02
105.3											
93.6											
81.9										FCC CLA	SS-B
81.9											
70.2									FCC C	LASS-B (AVG)
58.5											
46.8	7	g	10	11 12			13		14		1
16	8	ľ	Ĩ								
35.12											
23.4											
11.7											
0 <mark></mark> 30		6024		120	18.	1	8012.		24006.		30000
0 <mark>30</mark>		6024		120		1 ncy (MHz)	8012.		24006.		30000
Site		03CH06	5- НУ		Freque	ncy (MHz)			24006.		30000
Site Condition	n :	03CH06 FCC CL/	5-НУ 455-в	120 _ 1m SHF	Freque	ncy (MHz)			24006.		30000
Site Condition Project	n : :	03CH06 FCC CL/ 6N2205	5-HY ASS-B 5-01		Freque	ncy (MHz)			24006.		30000
Site Condition Project Power	n : :	03CH06 FCC CL/ 6N2205 From Sy	5-HY ASS-B 5-01		Freque	ncy (MHz)			24006.		30000
Site Condition Project Power Memo	n : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1	5-HY ASS-B 5-01 ystem	_ 1m SHF	Freque	ncy (MHz)			24006.		30000
Site Condition Project Power	n : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18	5-HY 455-B 5-01 ystem 86Hz:3n	_ 1m SHF	Freque	ncy (MHz)			24006.		30000
Site Condition Project Power Memo	n : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1	5-HY 455-B 5-01 1/stem 8GHz:3n 8GHz:1m	_ 1m SHF n 1	Freque	ncy (MHz) ORN VE	RTICAL	Preamp		T/Pos	30000
Site Condition Project Power Memo	n : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18	5-HY ASS-B 5-01 ystem 86Hz:3n 86Hz:1m Over	_1m SHF n Limit	Freque	ncy (MHz) ORN VE	RTICAL Cable	Preamp Factor		T/Pos	30000 Remark
Site Condition Project Power Memo	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level	5-HY ASS-B 5-01 ystem 86Hz:3n 86Hz:1m Over Limit	1m SHF	Freque E-EHF H ReadA Level	ncy (MHz) ORN VE	Cable Loss	Factor	A/Pos		
Site Condition Project Power Memo	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CLA 6N2205 From Sy Mode 1 below 18 above 18	5-HY ASS-B 5-01 ystem 86Hz:3n 86Hz:1m Over Limit	_1m SHF n Limit	Freque E-EHF H ReadA	ncy (MHz) ORN VE	RTICAL Cable			T/Pos deg	
Site Condition Project Power Memo Distance	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL4 6N2205 From Sy Mode 1 below 15 above 15 Level dBuV/m 26.92	5-HY ASS-B 5-01 ystem 86Hz:3n 86Hz:1m Over Limit dB	1m SHF Limit Line dBuV/m 43.50	Freque E-EHF H ReadA Leve1 dBuV 39.28	ncy (MHz) ORN VE Intenna Factor dB/m 17.23	Cable Loss dB 2.12	Factor dB 31.71	A/Pos cm	deg	Remark Peak
Site Condition Project Power Memo Distance 1 2	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 13 above 13 Level dBuV/m 26.92 31.49	5-HY ASS-B 5-01 ystem 86Hz:3m 86Hz:1m Over Limit dB -16.58 -12.01	1m SHF Limit Line dBuV/m 43.50 43.50	Freque E-EHF H ReadA Level dBuV 39.28 46.16	ncy (MHz) ORN VE Intenna Factor dB/m 17.23 15.04	Cable Loss dB 2.12 2.01	Factor dB 31.71 31.72	A/Pos 	deg	Remark Peak Peak
Site Condition Project Power Memo Distance 1 2 3	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 13 above 13 Level dBuV/m 26.92 31.49 31.39	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50	Freques E-EHF H ReadA Leve1 dBuV 39.28 46.16 46.02	ncy (MHz) ORN VE untenna Factor dB/m 17.23 15.04 15.07	Cable Loss dB 2.12 2.01 2.02	Factor dB 31.71 31.72 31.72	A/Pos 	deg	Remark Peak Peak Peak
Site Condition Project Power Memo Distance 1 2 3 4	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.60	Freque: E-EHF H ReadA Leve1 dBuV 39.28 46.16 46.02 38.33	ncy (MHz) ORN VE untenna Factor dB/m 17.23 15.04 15.07 26.18	Cable Loss dB 2.12 2.01 2.02 3.17	Factor dB 31.71 31.72 31.72 31.95	A/Pos 	deg	Remark Peak Peak Peak Peak Peak
Site Condition Project Power Memo Distance 1 2 3 4 5	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.60 46.00	Freque: E-EHF H ReadA Leve1 dBuV 39.28 46.16 46.02 38.33 42.71	ncy (MHz) ORN VE ORN VE Intenna Factor dB/m 17.23 15.04 15.07 26.18 28.27	Cable Loss dB 2.12 2.01 2.02 3.17 3.41	Factor dB 31.71 31.72 31.72 31.95 32.03	A/Pos 	deg 108	Remark Peak Peak Peak Peak Peak Peak
Site Condition Project Power Memo Distance 1 2 3 4 5 6	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.60 46.00 46.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67	ncy (MHz) ORN VE untenna Factor dB/m 17.23 15.04 15.07 26.18	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19	Factor dB 31.71 31.72 31.72 31.95 32.03 31.25	A/Pos 	deg 108 	Remark Peak Peak Peak Peak Peak
Site Condition Project Power Memo Distance 1 2 3 4 5 6 7	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.60 46.00 46.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90	ncy (MHz) ORN VE ORN VE Interna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48	Cable Loss dB 2.12 2.01 2.02 3.17 3.41	Factor dB 31.71 31.72 31.72 31.95 32.03 31.25	A/Pos cm 100 	deg 108 	Remark Peak Peak Peak Peak Peak Peak Peak
Site Condition Project Power Memo Distance 1 2 3 4 5 6 7 1 8	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 46.00 46.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20	ncy (MHz) ORN VE ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07	Factor dB 31.71 31.72 31.72 31.95 32.03 31.25 60.40 60.83	A/Pos cm 100 	deg 108 	Remark Peak Peak Peak Peak Peak Peak Peak
Site Condition Project Power Memo Distance	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16 43.47	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 46.00 46.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20 56.01	ncy (MHz) ORN VE ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03 35.10	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07 7.76	Factor dB 31.71 31.72 31.72 31.95 32.03 31.25 60.40 60.83 59.50	A/Pos 	deg 108 	Remark Peak Peak Peak Peak Peak Peak Peak Pea
Site Condition Project Power Memo Distance	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16 43.47 43.82	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 46.00 46.00 46.00 74.00 74.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20 56.01 55.15	ncy (MHz) ORN VE ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03 35.10 36.92	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07 7.76 11.86 11.92	Factor dB 31.71 31.72 31.72 31.95 32.03 31.25 60.40 60.83 59.50	A/Pos 	deg 108 	Remark Peak Peak Peak Peak Peak Peak Peak Pea
Site Condition Project Power Memo Distance	n : : : : : : : : : : : : : : : : : : :	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16 43.47 43.82 46.18	5-HY ASS-B	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 43.50 43.60 43.00 74.00 74.00 74.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20 56.01 55.15 51.66	ncy (MHz) ORN VE ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03 35.10 36.92 40.84	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07 7.76 11.86 11.92	Factor dB 31.71 31.72 31.95 32.03 31.25 60.40 60.83 59.50 60.17 60.60	A/Pos 	deg 108 	Remark Peak Peak Peak Peak Peak Peak Peak Pea
Site Condition Project Power Memo Distance	n : Freq Freq MHz 145.83 176.07 214.41 558.30 743.80 930.00 1866.00 3032.00 5252.00 7170.00 9870.00	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16 43.47 43.82 46.18 48.39	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1m Over Limit -16.58 -12.01 -12.11 -10.27 -3.64 -7.91 -30.10 -31.84 -30.53 -30.18 -27.82 -25.61	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 43.50 43.60 43.00 74.00 74.00 74.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20 56.01 55.15 51.66 49.23	ncy (MHz) ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03 35.10 36.92 40.84 41.85	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07 7.76 11.86 11.92 14.28	Factor dB 31.71 31.72 31.95 32.03 31.25 60.40 60.83 59.50 60.17 60.60 58.30	A/Pos 	deg 108 0	Remark Peak Peak Peak Peak Peak Peak Peak Pea
Site Condition Project Power Memo Distance	n : Freq Freq MHz 145.83 176.07 214.41 558.30 743.80 930.00 1866.00 3032.00 5252.00 7170.00 9870.00	03CH06 FCC CL/ 6N2205 From Sy Mode 1 below 18 above 18 Level dBuV/m 26.92 31.49 31.39 35.73 42.36 38.09 43.90 42.16 43.47 43.82 46.18 48.39 45.30	5-HY ASS-B_ 5-01 ystem 86Hz:3n 86Hz:1m Over Limit -12.11 -10.27 -3.64 -7.91 -30.10 -31.84 -30.53 -30.18 -27.82 -25.61 -28.70	1m SHF Limit Line dBuV/m 43.50 43.50 43.50 43.50 43.60 46.00 46.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00	Freque: E-EHF H ReadA Level dBuV 39.28 46.16 46.02 38.33 42.71 35.67 71.90 66.20 56.01 55.15 51.66 49.23 40.46	ncy (MHz) ORN VE ORN VE Antenna Factor dB/m 17.23 15.04 15.07 26.18 28.27 30.48 26.33 29.03 35.10 36.92 40.84 41.85 47.10	Cable Loss dB 2.12 2.01 2.02 3.17 3.41 3.19 6.07 7.76 11.86 11.92 14.28 15.61 15.02	Factor dB 31.71 31.72 31.95 32.03 31.25 60.40 60.83 59.50 60.17 60.60 58.30	A/Pos 	deg 108 0 	Remark Peak Peak Peak Peak Peak Peak Peak Pea











4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 19, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Dec. 19, 2016	Aug. 29, 2017	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Apr. 19, 2016	Dec. 19, 2016	Apr. 18, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Dec. 19, 2016	Nov. 28, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Dec. 19, 2016	Dec. 05, 2017	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 06, 2016	Dec. 19, 2016	Jan. 05, 2017	Conduction (CO05-HY)
Test Software	N/A	EMC32	8.40.0	N/A	N/A	Oct. 10, 2016	N/A	Conduction (CO05-HY)
Bilog Antenna	Schaffner	CBL6111C&N- 6-06	2725&AT-N06 01	30MHz~1GHz	Oct. 15, 2016	Dec. 21, 2016~ Mar. 02, 2017	Oct. 14, 2017	Radiation (03CH06-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Oct. 17, 2016	Dec. 21, 2016~ Mar. 02, 2017	Oct. 16, 2017	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 05, 2016	Dec. 21, 2016~ Mar. 02, 2017	Aug. 04, 2017	Radiation (03CH06-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917058 4	18GHz- 40GHz	Nov. 08, 2016	Dec. 21, 2016~ Mar. 02, 2017	Nov. 07, 2017	Radiation (03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 19, 2016	Dec. 21, 2016~ Mar. 02, 2017	Apr. 18, 2017	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1850117	1GHz ~ 18GHz	Jun. 22, 2016	Dec. 21, 2016~ Mar. 02, 2017	Jun. 21, 2017	Radiation (03CH06-HY)
Preamplifier	MITEQ	JS44-1800400 0-33-8P	1840917	18GHz~40GHz	Jun. 14, 2016	Dec. 21, 2016~ Mar. 02, 2017	Jun. 13, 2017	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY249564 MY249524 MY283184	30MHz~1GHz	Sep. 30, 2016	Dec. 21, 2016~ Mar. 02, 2017	Sep. 29, 2017	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 MY28419/4M Y28654/4	9KHz~40GHz	Sep. 12, 2016	Dec. 21, 2016~ Mar. 02, 2017	Sep. 11, 2017	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Dec. 21, 2016~ Mar. 02, 2017	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF78020821 2	1m~4m	N/A	Dec. 21, 2016~ Mar. 02, 2017	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Dec. 21, 2016~ Mar. 02, 2017	N/A	Radiation (03CH06-HY)
Hygrometer	WISEWIND	410	BU5004	N/A	May 03, 2016	Dec. 21, 2016~ Mar. 02, 2017	May 02, 2017	Radiation (03CH06-HY)
Test Software	Audix	E3	6.2009-8-24	N/A	N/A	Dec. 21, 2016~ Mar. 02, 2017	N/A	Radiation (03CH06-HY)



5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	2.70
Confidence of 95% (U = 2Uc(y))	2.70

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

Measuring Uncertainty for a Level of	
Confidence of 95% (U = 2Uc(y))	3.90

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 30000 MHz)

Measuring Uncertainty for a Level of	4.70
Confidence of 95% (U = 2Uc(y))	4.70