FCC EMI TEST REPORT

FCC ID	:	**PY7-15465A**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, GPS, FM Receiver and NFC**
Brand Name	:	**SONY**
Applicant	:	**Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan**
Manufacturer	:	**Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0076 Japan**
Standard	:	**FCC 47 CFR FCC Part 15 Subpart B Class B**
Test Date(s)	:	**Oct. 27, 2021 ~ Nov. 25, 2021**

We, Sporton International (Kunshan) 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 (Kunshan) Inc., the test report shall not be reproduced except in full.

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager

ACCREDITED
Cert #5145.02

Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300

People's Republic of China

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History of this test report

Report No.	Version	Description	Issued Date
FC1O1906	01	Initial issue of report	Dec. 15, 2021
FC1O1906	02	1. Modify Remark 1 of page 7 2. Radiated test plots indicated the WLAN/BT signal which can be ignored.	Dec. 24, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.107	AC Conducted Emission	Pass	Under limit 7.44 dB at 0.166 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 8.09 dB at 43.580 MHz

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1. General Description

1.1. Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac, NFC, FM Receiver, and GNSS.

Product Specification subjective to this standard	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/Galileo/BDS: PIFA Antenna NFC: LOOP Antenna FM: External Antenna

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

EUT Information List			
HW Version	**SW Version**	**S/N**	**Performed Test Item**
A	0.106	HQ618X0253	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : XQZ-UC1
Earphone 1	Model Name : MDR-EX15AP
Earphone 2	Model Name : SBH82D
USB Cable 1	Model Name : XQZ-UB1
USB Cable 2	Model Name : A8485011

Note:

1. Above EUT list used are electrically identical per declared by manufacturer.
2. For other wireless features of this EUT, test report will be issued separately.

1.2. Modification of EUT

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

1.3. Test Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-KS 03CH02-KS	CN1257	314309

1.4. 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 Class B
- ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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.

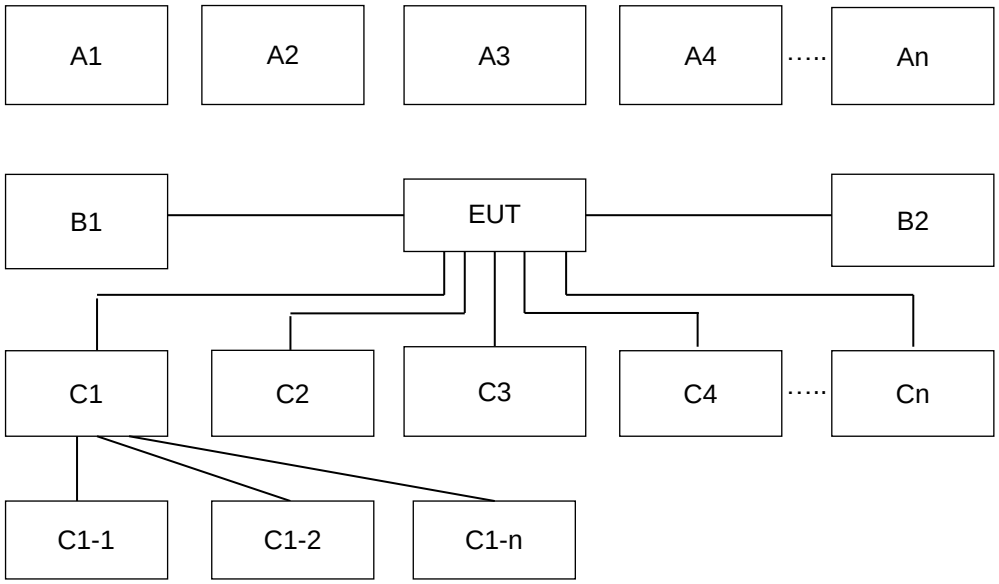
Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Function Type
AC Conducted Emission	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + Camera (Rear) + Earphone 1 + USB Cable 1(Charging from Adapter) Mode 2: WCDMA Band V (Lowest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + Camera (Front) + Earphone 1 + USB Cable 2(Charging from Adapter) Mode 3: GSM1900 Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + MPEG 4 + Earphone 1 + USB Cable 2(Charging from Adapter) Mode 4: LTE Band 5 (Highest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + NFC On + Earphone 1 + USB Cable 2(Charging from Adapter) Mode 5: LTE Band 12 (Highest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + FM(Middle channel)Rx + Earphone 1 + USB Cable 2(Data Link with Notebook) Mode 6: WCDMA Band V (Lowest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + GNSS Rx + Earphone 1 + USB Cable 2(Data Link with Notebook)
Radiated Emissions	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + Camera (Rear) + Earphone 1 + USB Cable 1(Charging from Adapter) Mode 2: WCDMA Band V (Lowest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + Camera (Front) + Earphone 1 + USB Cable 2(Charging from Adapter) Mode 3: GSM1900 Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + MPEG 4 + Earphone 1 + USB Cable 1(Charging from Adapter) Mode 4: LTE Band 5 (Highest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + NFC On + Earphone 1 + USB Cable 1(Charging from Adapter) Mode 5: LTE Band 12 (Highest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (2.4GHz) Idle + FM(Lowest Channel)Rx + Earphone 1 + USB Cable 1(Data Link with Notebook) Mode 6: LTE Band 5 (Highest Channel) Idle + Bluetooth Idle With Bluetooth Earphone 2 + WLAN (5GHz) Idle + GNSS Rx + Earphone 1 + USB Cable 1(Data Link with Notebook)

Remark:

1. After pre-scanned the L/M/H channel for all frequency band which operate within the frequency range of 30MHz ~ 960MHz (FM/GSM850/WCDMA Band V/LTE Band 5/12); only the worst channel for them between 30MHz ~ 960MHz test data of this mode was reported.
2. Data Link with Notebook means data application transferred mode between EUT and Notebook.
3. For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

2.2. Connection Diagram of Test System



Conduction Test Setup									
No.	**Wireless Station**	**Connection Type**	**Test Mode**						
			1	**2**	**3**	**4**	**5**	**6**	
A1	System Simulator	GSM/WCDMA/LTE/FM	**X**	**X**	**X**	**X**	**X**	**X**	
A2	BT Earphone	Bluetooth	**X**	**X**	**X**	**X**	**X**	**X**	
A3	GPS/Glonass Station	GNSS	**-**	**-**	**-**	**-**	**-**	**X**	
A4	AP router	WiFi	**X**	**X**	**X**	**X**	**-**	**-**	
A5	Notebook	WiFi	**X**	**X**	**X**	**X**	**-**	**-**	
No.	**Power Source**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	
B1	AC : 120V/60Hz	AC Power Cable	**X**	**X**	**X**	**X**	**-**	**-**	
B2	Power from system	Type C Cable	**-**	**-**	**-**	**-**	**X**	**X**	
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	
C1	Notebook	USB link	**-**	**-**	**-**	**-**	**X**	**X**	
C1-1	Hard Disk	USB Cable to C1	**-**	**-**	**-**	**-**	**X**	**X**	
C1-2	AP router	RJ 45 Cable to C1	**-**	**-**	**-**	**-**	**X**	**X**	
C2	SD Card	SD I/O interface without cable	**X**	**X**	**X**	**X**	**X**	**X**	
C3	Earphone	Earphone jack	**X**	**X**	**X**	**X**	**X**	**X**	

Radiated Test Setup										
No.	Wireless Station	Connection Type	Test Mode							
			1	2	3	4	5	6		
A1	System Simulator	GSM/WCDMA/LTE/FM	X	X	X	X	X	X		
A2	BT Earphone	Bluetooth	X	X	X	X	X	X		
A3	GPS/Glonass Station	GNSS	-	-	-	-	-	X		
A4	AP router	WiFi	X	X	X	X	-	-		
A5	Notebook	WiFi	X	X	X	X	-	-		
No.	**Power Source**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**		
B1	AC : 120V/60Hz	AC Power Cable	X	X	X	X	-	-		
B2	Power from system	Type C Cable	-	-	-	-	X	X		
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**		
C1	Notebook	USB link	-	-	-	-	X	X		
C1-1	Hard Disk	USB Cable to C1	-	-	-	-	X	X		
C1-2	AP router	RJ 45 Cable to C1	-	-	-	-	X	X		
C2	SD Card	SD I/O interface without cable	X	X	X	X	X	X		
C3	Earphone	Earphone jack	X	X	X	X	X	X		

2.3. Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritus	MT8821C	N/A	N/A	Unshielded,1.8m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	Vector Signal Generator	R&S	SMBV100A	258305	N/A	N/A
4.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
5.	WLAN AP	TP-Link	TL-WDR5600	N/A	N/A	Unshielded,1.8m
6.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
7.	Notebook	Lenovo	S730-13IWL	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
8.	SD Card	Kingston	8GB	N/A	N/A	N/A
9.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A
10.	Hard disk	KINGSHARE	KSP6120G	Fcc DoC	Shielded, 1.2m	N/A

2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the test. The EUT was synchronized with the BCCH, and had been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test:

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute “GNSS Test” to make the EUT receive continuous signals from GNSS station.
3. Execute “Video player” to play MPEG4 files.
4. Turn on camera to capture images.
5. Turn on NFC function
6. Turn on FM Receiver function

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.

<Class B>

Frequency of emission (MHz)	Conducted limit (dBuV)	
	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.

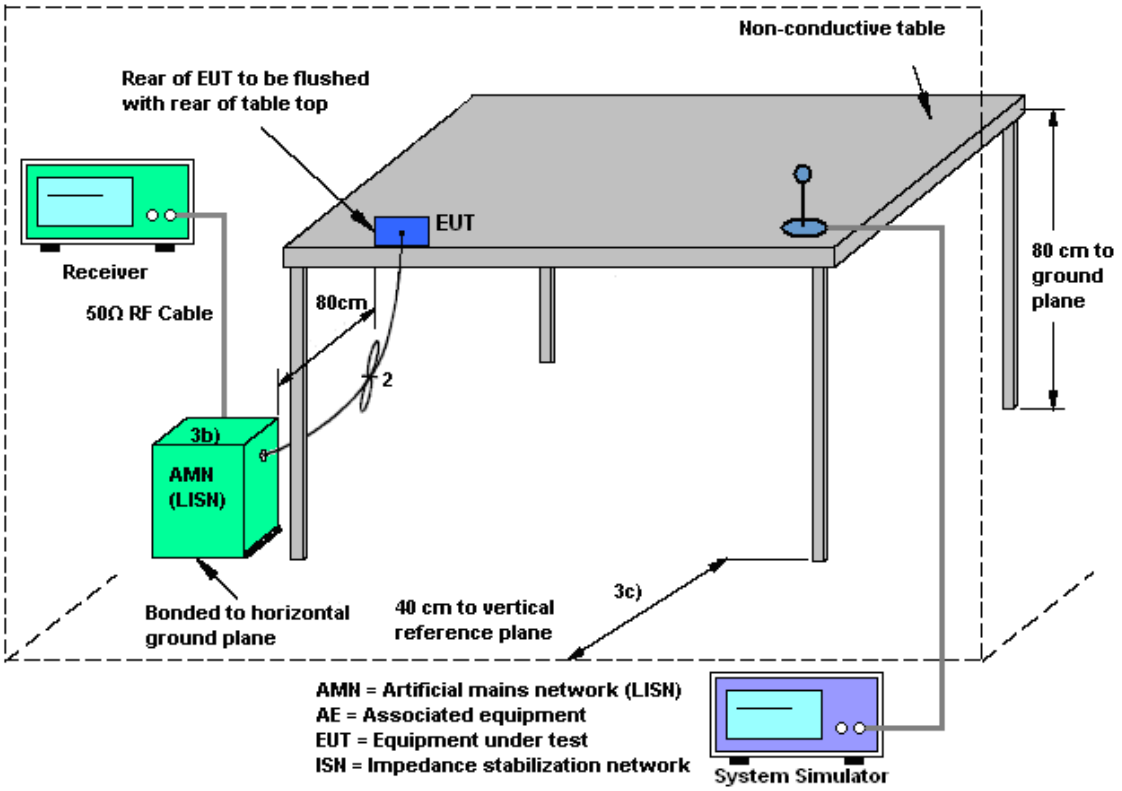
3.1.2. Measuring Instruments

Refer a test equipment and calibration data table in 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 shall 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.
8. 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

Please refer to Appendix A.

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:

<Class B>

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

3.2.2. Measuring Instruments

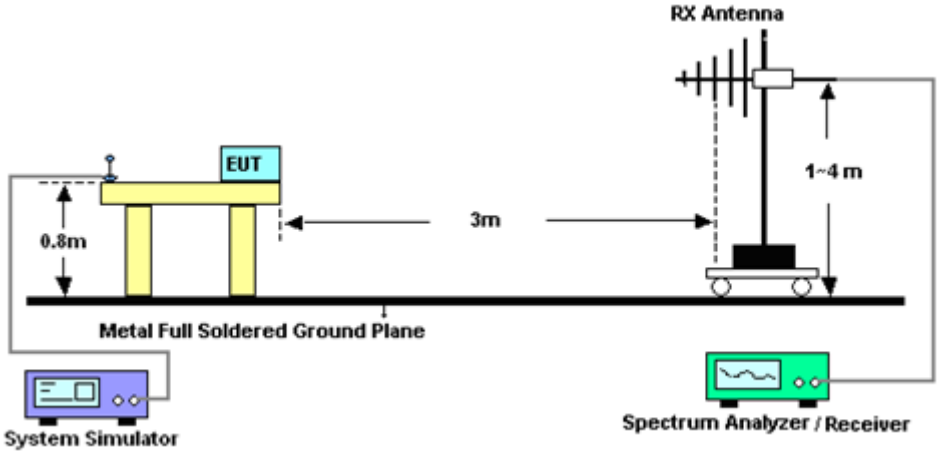
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

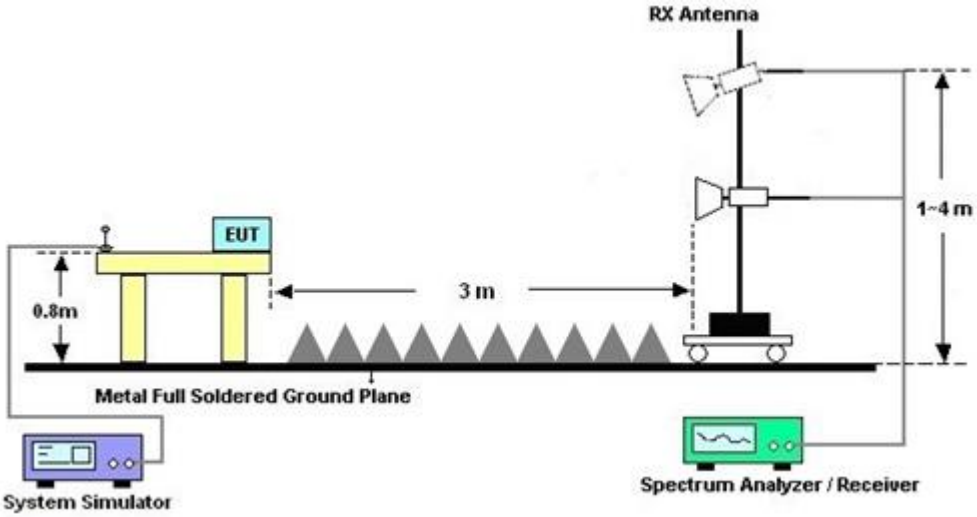
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
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 (dBμV/m) = 20 log Emission level (μV/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

Please refer to Appendix B.

4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 21, 2021	Oct. 27, 2021	Apr. 20, 2022	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)
AC LISN	R&S	ENV216	100334	9kHz~30MHz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 14, 2021	Oct. 27, 2021	Oct. 13, 2022	Conduction (CO01-KS)
EMI Test Receiver	R&S	ESR7	101403	9kHz~7GHz;Max 30dBm	Oct. 16, 2021	Nov. 25, 2021	Oct. 15, 2022	Radiation (03CH02-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55370528	10Hz-44G,MAX 30dB	Oct. 16, 2021	Nov. 25, 2021	Oct. 15, 2022	Radiation (03CH02-KS)
Bilog Antenna	TeseQ	CBL6111D	44483	30MHz-1GHz	Jan. 26, 2021	Nov. 25, 2021	Jan. 25, 2022	Radiation (03CH02-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Oct. 30, 2021	Nov. 25, 2021	Oct. 29, 2022	Radiation (03CH02-KS)
SHF-EHF Horn	Com-power	AH-840	101115	18GHz~40GHz	Nov. 05, 2021	Nov. 25, 2021	Nov. 04, 2022	Radiation (03CH02-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 06, 2021	Nov. 25, 2021	Jan. 05, 2022	Radiation (03CH02-KS)
Amplifier	SONOMA	310N	187289	9KHz-1GHz	Jan. 06, 2021	Nov. 25, 2021	Jan. 05, 2022	Radiation (03CH02-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5GHz	Oct. 16, 2021	Nov. 25, 2021	Oct. 15, 2022	Radiation (03CH02-KS)
AC Power Source	Chroma	61601	616010002473	N/A	NCR	Nov. 25, 2021	NCR	Radiation (03CH02-KS)
Turn Table	MF	MF7802	N/A	0~360 degree	NCR	Nov. 25, 2021	NCR	Radiation (03CH02-KS)
Antenna Mast	MF	MF7802	N/A	1 m~4 m	NCR	Nov. 25, 2021	NCR	Radiation (03CH02-KS)

NCR: No Calibration Required

5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.9dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

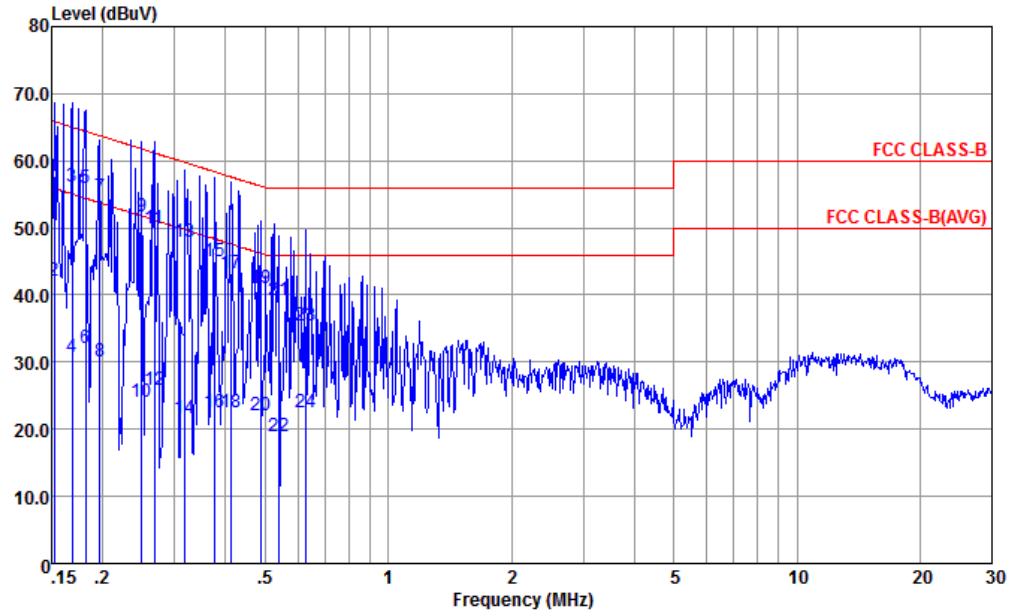
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0dB**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.1dB**

Appendix A. AC Conducted Emission Test Results

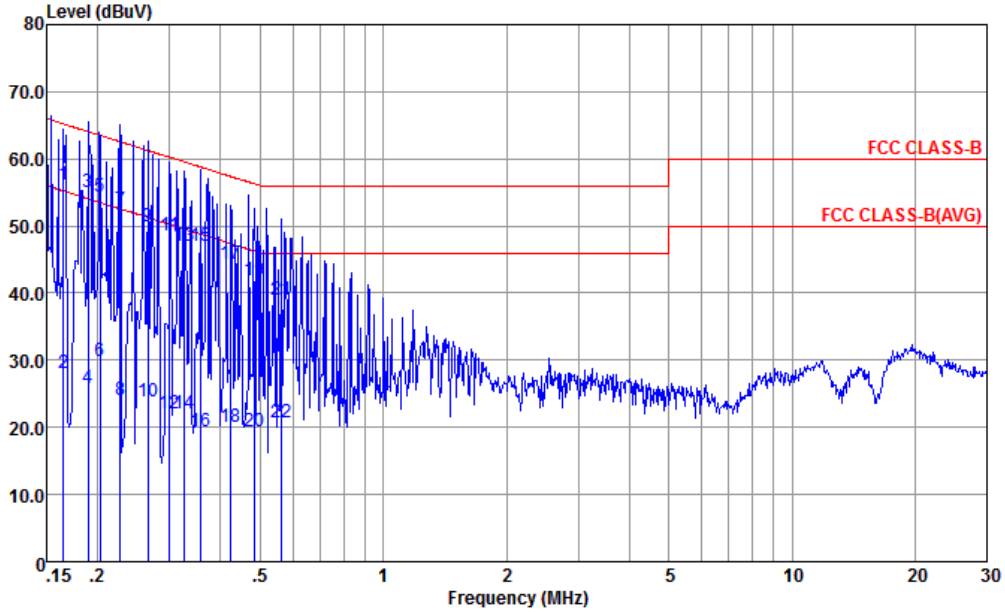
Mode :	Mode 1	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 1

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 *	0.152	57.64	-8.23	65.87	47.10	0.07	10.47	QP
2	0.152	42.04	-13.83	55.87	31.50	0.07	10.47	Average
3	0.169	56.11	-8.92	65.03	45.60	0.08	10.43	QP
4	0.169	30.71	-24.32	55.03	20.20	0.08	10.43	Average
5	0.182	55.99	-8.43	64.42	45.51	0.08	10.40	QP
6	0.182	32.09	-22.33	54.42	21.61	0.08	10.40	Average
7	0.197	54.66	-9.10	63.76	44.20	0.09	10.37	QP
8	0.197	30.06	-23.70	53.76	19.60	0.09	10.37	Average
9	0.249	51.63	-10.15	61.78	41.20	0.10	10.33	QP
10	0.249	24.03	-27.75	51.78	13.60	0.10	10.33	Average
11	0.267	50.02	-11.18	61.20	39.60	0.10	10.32	QP
12	0.267	25.92	-25.28	51.20	15.50	0.10	10.32	Average
13	0.318	47.91	-11.84	59.75	37.50	0.11	10.30	QP
14	0.318	21.61	-28.14	49.75	11.20	0.11	10.30	Average
15	0.375	44.99	-13.40	58.39	34.59	0.12	10.28	QP
16	0.375	22.59	-25.80	48.39	12.19	0.12	10.28	Average
17	0.413	43.28	-14.31	57.59	32.90	0.12	10.26	QP
18	0.413	22.58	-25.01	47.59	12.20	0.12	10.26	Average
19	0.486	40.97	-15.26	56.23	30.60	0.13	10.24	QP
20	0.486	21.97	-24.26	46.23	11.60	0.13	10.24	Average
21	0.538	39.17	-16.83	56.00	28.79	0.14	10.24	QP
22	0.538	18.97	-27.03	46.00	8.59	0.14	10.24	Average
23	0.630	35.48	-20.52	56.00	25.09	0.15	10.24	QP
24	0.630	22.58	-23.42	46.00	12.19	0.15	10.24	Average

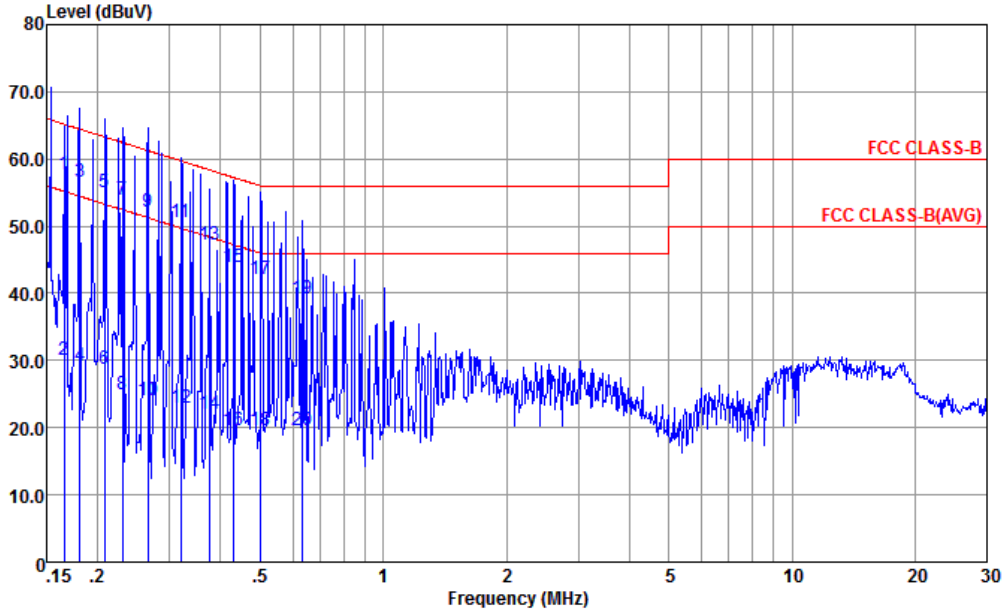
Mode :	Mode 1	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 1

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.165	56.20	-9.01	65.21	45.60	0.16	10.44	QP
2		0.165	28.10	-27.11	55.21	17.50	0.16	10.44	Average
3		0.189	55.05	-9.01	64.06	44.51	0.16	10.38	QP
4		0.189	25.75	-28.31	54.06	15.21	0.16	10.38	Average
5		0.203	54.33	-9.16	63.49	43.80	0.17	10.36	QP
6		0.203	29.83	-23.66	53.49	19.30	0.17	10.36	Average
7		0.227	52.32	-10.25	62.57	41.79	0.18	10.35	QP
8		0.227	24.02	-28.55	52.57	13.49	0.18	10.35	Average
9		0.266	50.01	-11.24	61.25	39.50	0.19	10.32	QP
10		0.266	23.81	-27.44	51.25	13.30	0.19	10.32	Average
11		0.300	48.60	-11.64	60.24	38.10	0.19	10.31	QP
12		0.300	22.10	-28.14	50.24	11.60	0.19	10.31	Average
13		0.327	47.10	-12.43	59.53	36.61	0.20	10.29	QP
14		0.327	22.10	-27.43	49.53	11.61	0.20	10.29	Average
15		0.356	47.09	-11.74	58.83	36.60	0.21	10.28	QP
16		0.356	19.39	-29.44	48.83	8.90	0.21	10.28	Average
17		0.424	44.28	-13.09	57.37	33.80	0.22	10.26	QP
18		0.424	20.08	-27.29	47.37	9.60	0.22	10.26	Average
19		0.484	41.97	-14.30	56.27	31.50	0.23	10.24	QP
20		0.484	19.37	-26.90	46.27	8.90	0.23	10.24	Average
21		0.561	38.97	-17.03	56.00	28.49	0.24	10.24	QP
22		0.561	20.77	-25.23	46.00	10.29	0.24	10.24	Average

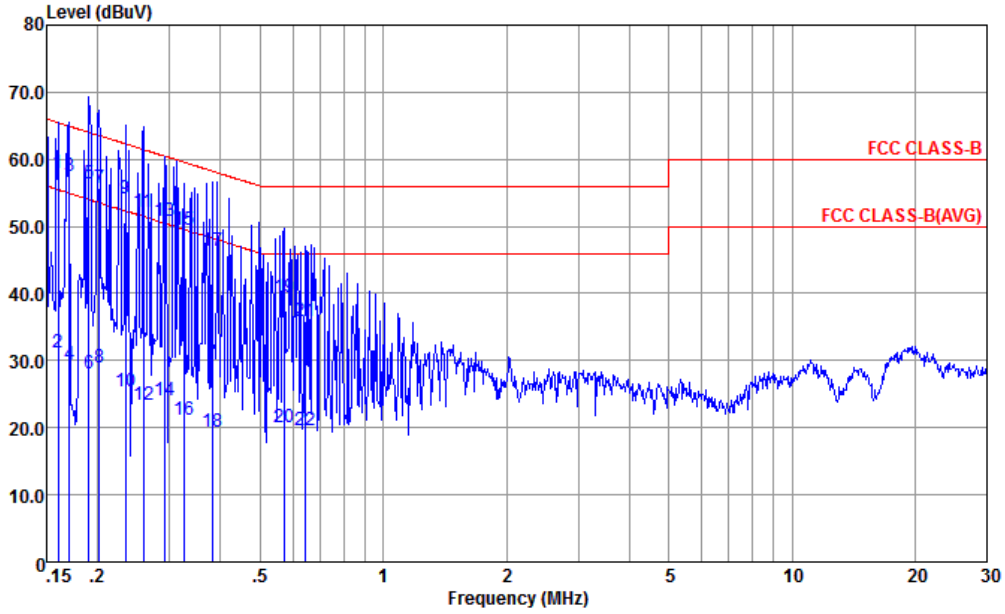
Mode :	Mode 2	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 2

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.166	57.72	-7.44	65.16	47.20	0.08	10.44	QP
2		0.166	30.12	-25.04	55.16	19.60	0.08	10.44	Average
3		0.181	56.59	-7.87	64.46	46.11	0.08	10.40	QP
4		0.181	29.29	-25.17	54.46	18.81	0.08	10.40	Average
5		0.208	55.05	-8.22	63.27	44.60	0.09	10.36	QP
6		0.208	28.65	-24.62	53.27	18.20	0.09	10.36	Average
7		0.230	54.04	-8.40	62.44	43.61	0.09	10.34	QP
8		0.230	25.04	-27.40	52.44	14.61	0.09	10.34	Average
9		0.266	52.23	-9.02	61.25	41.81	0.10	10.32	QP
10		0.266	24.03	-27.22	51.25	13.61	0.10	10.32	Average
11		0.320	50.61	-9.10	59.71	40.20	0.11	10.30	QP
12		0.320	23.01	-26.70	49.71	12.60	0.11	10.30	Average
13		0.377	47.19	-11.15	58.34	36.79	0.12	10.28	QP
14		0.377	21.99	-26.35	48.34	11.59	0.12	10.28	Average
15		0.431	43.98	-13.26	57.24	33.60	0.12	10.26	QP
16		0.431	19.58	-27.66	47.24	9.20	0.12	10.26	Average
17		0.502	42.17	-13.83	56.00	31.80	0.13	10.24	QP
18		0.502	19.57	-26.43	46.00	9.20	0.13	10.24	Average
19		0.634	39.18	-16.82	56.00	28.79	0.15	10.24	QP
20		0.634	19.58	-26.42	46.00	9.19	0.15	10.24	Average

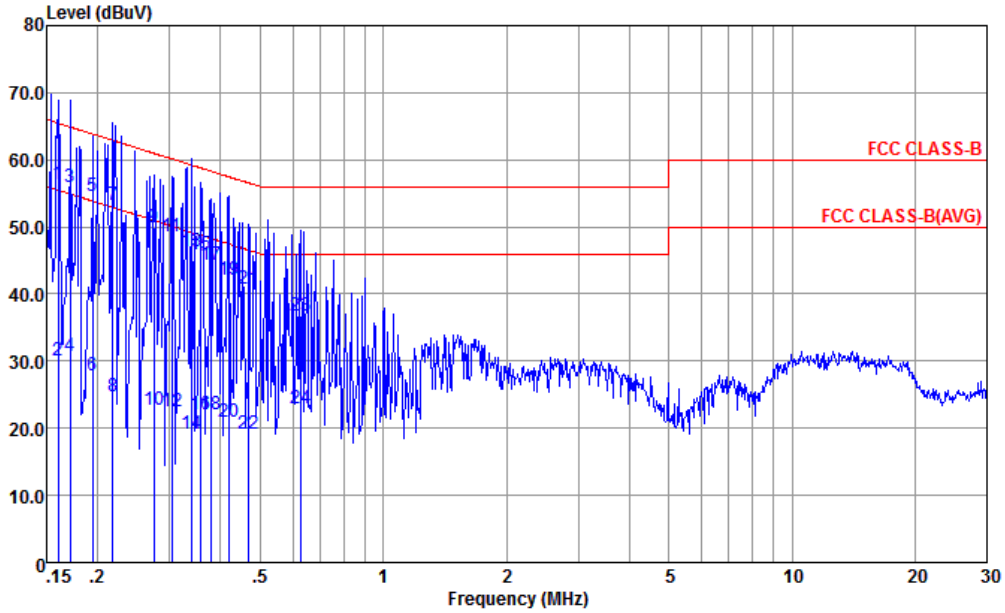
Mode :	Mode 2	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 2

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.160	57.91	-7.56	65.47	47.31	0.15	10.45	QP
2		0.160	31.21	-24.26	55.47	20.61	0.15	10.45	Average
3	*	0.170	57.38	-7.56	64.94	46.79	0.16	10.43	QP
4		0.170	29.38	-25.56	54.94	18.79	0.16	10.43	Average
5		0.190	56.35	-7.67	64.02	45.81	0.16	10.38	QP
6		0.190	28.05	-25.97	54.02	17.51	0.16	10.38	Average
7		0.202	55.63	-7.91	63.54	45.10	0.17	10.36	QP
8		0.202	29.03	-24.51	53.54	18.50	0.17	10.36	Average
9		0.234	54.12	-8.18	62.30	43.60	0.18	10.34	QP
10		0.234	25.42	-26.88	52.30	14.90	0.18	10.34	Average
11		0.259	52.11	-9.36	61.47	41.60	0.18	10.33	QP
12		0.259	23.31	-28.16	51.47	12.80	0.18	10.33	Average
13		0.291	50.70	-9.80	60.50	40.20	0.19	10.31	QP
14		0.291	24.10	-26.40	50.50	13.60	0.19	10.31	Average
15		0.325	49.40	-10.17	59.57	38.90	0.20	10.30	QP
16		0.325	21.10	-28.47	49.57	10.60	0.20	10.30	Average
17		0.381	46.38	-11.87	58.25	35.90	0.21	10.27	QP
18		0.381	19.28	-28.97	48.25	8.80	0.21	10.27	Average
19		0.570	39.37	-16.63	56.00	28.89	0.24	10.24	QP
20		0.570	20.08	-25.92	46.00	9.60	0.24	10.24	Average
21		0.644	35.99	-20.01	56.00	25.50	0.25	10.24	QP
22		0.644	19.69	-26.31	46.00	9.20	0.25	10.24	Average

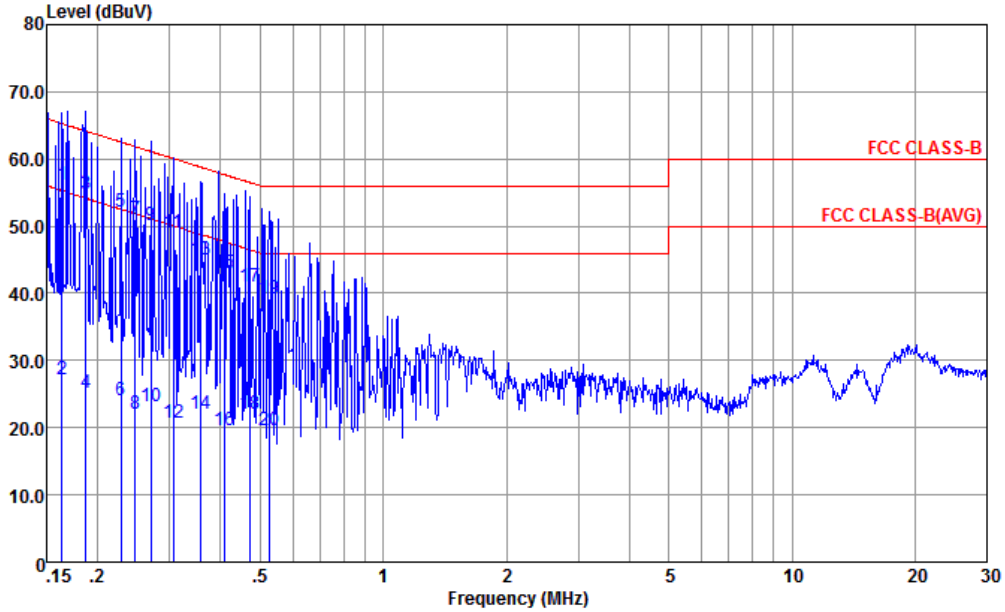
Mode :	Mode 3	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 3

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.160	56.43	-9.04	65.47	45.91	0.07	10.45	QP
2		0.160	30.13	-25.34	55.47	19.61	0.07	10.45	Average
3	*	0.171	56.00	-8.90	64.90	45.49	0.08	10.43	QP
4		0.171	30.80	-24.10	54.90	20.29	0.08	10.43	Average
5		0.194	54.56	-9.28	63.84	44.10	0.09	10.37	QP
6		0.194	27.96	-25.88	53.84	17.50	0.09	10.37	Average
7		0.217	53.24	-9.68	62.92	42.80	0.09	10.35	QP
8		0.217	24.64	-28.28	52.92	14.20	0.09	10.35	Average
9		0.274	50.02	-10.96	60.98	39.60	0.10	10.32	QP
10		0.274	22.62	-28.36	50.98	12.20	0.10	10.32	Average
11		0.303	48.61	-11.54	60.15	38.19	0.11	10.31	QP
12		0.303	22.61	-27.54	50.15	12.19	0.11	10.31	Average
13		0.339	46.30	-12.92	59.22	35.90	0.11	10.29	QP
14		0.339	19.20	-30.02	49.22	8.80	0.11	10.29	Average
15		0.358	45.90	-12.88	58.78	35.51	0.11	10.28	QP
16		0.358	22.00	-26.78	48.78	11.61	0.11	10.28	Average
17		0.379	44.29	-14.01	58.30	33.90	0.12	10.27	QP
18		0.379	21.99	-26.31	48.30	11.60	0.12	10.27	Average
19		0.419	42.18	-15.28	57.46	31.80	0.12	10.26	QP
20		0.419	20.98	-26.48	47.46	10.60	0.12	10.26	Average
21		0.469	40.87	-15.67	56.54	30.50	0.13	10.24	QP
22		0.469	19.17	-27.37	46.54	8.80	0.13	10.24	Average
23		0.630	36.68	-19.32	56.00	26.29	0.15	10.24	QP
24		0.630	22.88	-23.12	46.00	12.49	0.15	10.24	Average

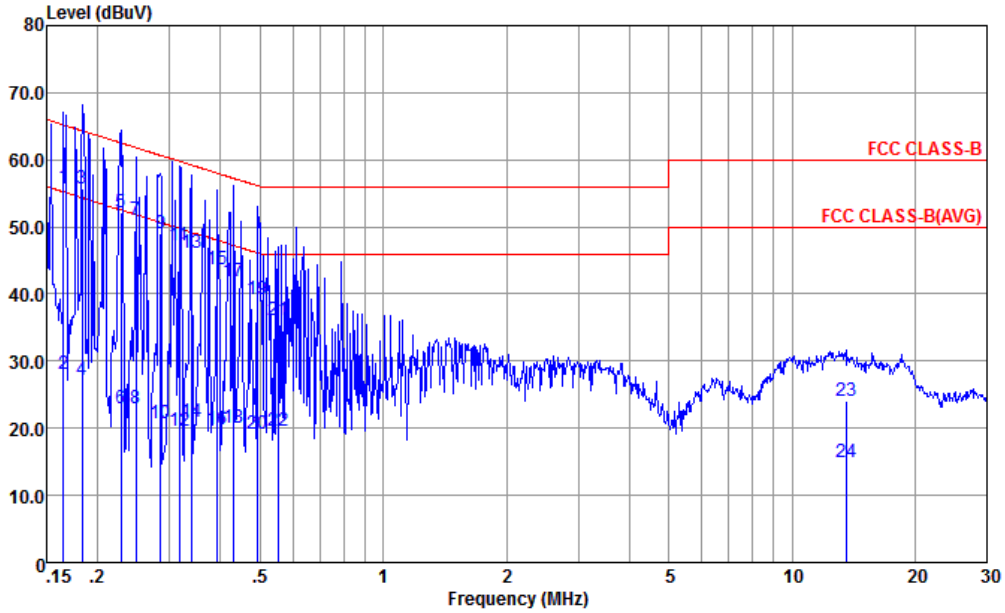
Mode :	Mode 3	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 3

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 *	0.163	56.20	-9.10	65.30	45.60	0.15	10.45	QP
2	0.163	27.20	-28.10	55.30	16.60	0.15	10.45	Average
3	0.187	54.75	-9.40	64.15	44.20	0.16	10.39	QP
4	0.187	25.15	-29.00	54.15	14.60	0.16	10.39	Average
5	0.228	52.12	-10.40	62.52	41.59	0.18	10.35	QP
6	0.228	24.02	-28.50	52.52	13.49	0.18	10.35	Average
7	0.247	51.12	-10.74	61.86	40.60	0.18	10.34	QP
8	0.247	22.12	-29.74	51.86	11.60	0.18	10.34	Average
9	0.270	50.11	-11.01	61.12	39.60	0.19	10.32	QP
10	0.270	23.11	-28.01	51.12	12.60	0.19	10.32	Average
11	0.307	49.00	-11.06	60.06	38.50	0.20	10.30	QP
12	0.307	20.80	-29.26	50.06	10.30	0.20	10.30	Average
13	0.358	44.99	-13.79	58.78	34.50	0.21	10.28	QP
14	0.358	21.99	-26.79	48.78	11.50	0.21	10.28	Average
15	0.408	42.98	-14.70	57.68	32.50	0.22	10.26	QP
16	0.408	19.68	-28.00	47.68	9.20	0.22	10.26	Average
17	0.471	41.07	-15.42	56.49	30.60	0.23	10.24	QP
18	0.471	22.07	-24.42	46.49	11.60	0.23	10.24	Average
19	0.527	39.27	-16.73	56.00	28.80	0.23	10.24	QP
20	0.527	19.67	-26.33	46.00	9.20	0.23	10.24	Average

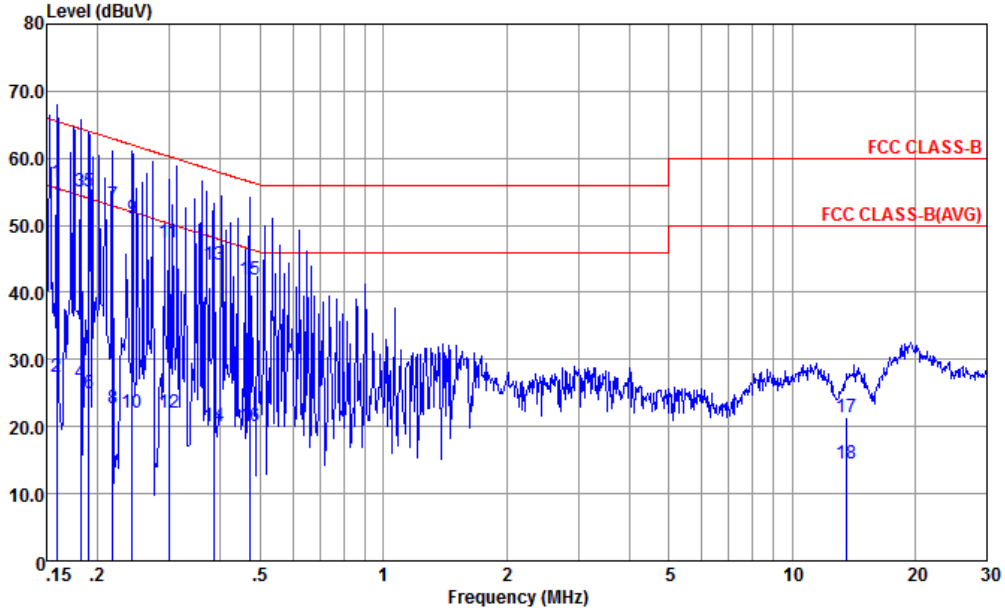
Mode :	Mode 4	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 4

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.165	56.02	-9.19	65.21	45.50	0.08	10.44	QP
2		0.165	28.02	-27.19	55.21	17.50	0.08	10.44	Average
3	*	0.183	55.60	-8.73	64.33	45.12	0.08	10.40	QP
4		0.183	27.08	-27.25	54.33	16.60	0.08	10.40	Average
5		0.228	52.04	-10.48	62.52	41.60	0.09	10.35	QP
6		0.228	23.04	-29.48	52.52	12.60	0.09	10.35	Average
7		0.248	51.03	-10.79	61.82	40.60	0.10	10.33	QP
8		0.248	23.03	-28.79	51.82	12.60	0.10	10.33	Average
9		0.285	48.92	-11.76	60.68	38.51	0.10	10.31	QP
10		0.285	20.62	-30.06	50.68	10.21	0.10	10.31	Average
11		0.317	47.21	-12.59	59.80	36.80	0.11	10.30	QP
12		0.317	19.61	-30.19	49.80	9.20	0.11	10.30	Average
13		0.341	46.20	-12.98	59.18	35.80	0.11	10.29	QP
14		0.341	20.90	-28.28	49.18	10.50	0.11	10.29	Average
15		0.393	43.59	-14.40	57.99	33.20	0.12	10.27	QP
16		0.393	19.89	-28.10	47.99	9.50	0.12	10.27	Average
17		0.431	41.88	-15.36	57.24	31.50	0.12	10.26	QP
18		0.431	19.98	-27.26	47.24	9.60	0.12	10.26	Average
19		0.491	39.17	-16.97	56.14	28.80	0.13	10.24	QP
20		0.491	19.17	-26.97	46.14	8.80	0.13	10.24	Average
21		0.552	36.17	-19.83	56.00	25.79	0.14	10.24	QP
22		0.552	19.57	-26.43	46.00	9.19	0.14	10.24	Average
23		13.560	23.98	-36.02	60.00	12.20	1.40	10.38	QP
24		13.560	14.88	-35.12	50.00	3.10	1.40	10.38	Average

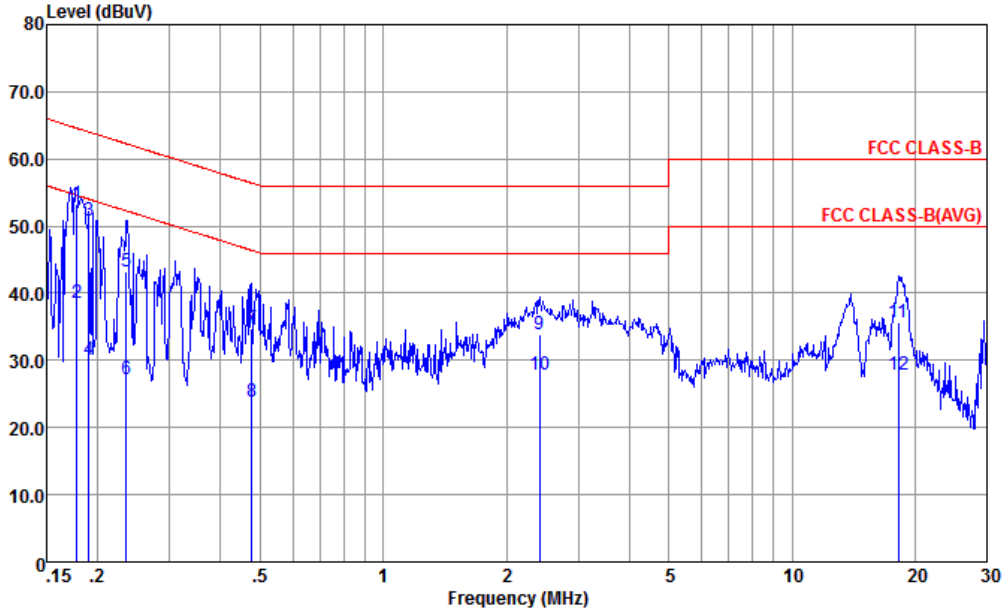
Mode :	Mode 4	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 4

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.159	56.41	-9.11	65.52	45.80	0.15	10.46	QP
2		0.159	27.41	-28.11	55.52	16.80	0.15	10.46	Average
3		0.182	55.07	-9.35	64.42	44.51	0.16	10.40	QP
4		0.182	26.47	-27.95	54.42	15.91	0.16	10.40	Average
5	*	0.190	55.05	-8.97	64.02	44.51	0.16	10.38	QP
6		0.190	25.05	-28.97	54.02	14.51	0.16	10.38	Average
7		0.217	53.03	-9.89	62.92	42.51	0.17	10.35	QP
8		0.217	22.73	-30.19	52.92	12.21	0.17	10.35	Average
9		0.243	51.12	-10.88	62.00	40.60	0.18	10.34	QP
10		0.243	22.12	-29.88	52.00	11.60	0.18	10.34	Average
11		0.299	47.40	-12.88	60.28	36.90	0.19	10.31	QP
12		0.299	22.10	-28.18	50.28	11.60	0.19	10.31	Average
13		0.385	44.08	-14.09	58.17	33.60	0.21	10.27	QP
14		0.385	20.08	-28.09	48.17	9.60	0.21	10.27	Average
15		0.474	41.97	-14.48	56.45	31.50	0.23	10.24	QP
16		0.474	20.07	-26.38	46.45	9.60	0.23	10.24	Average
17		13.560	21.33	-38.67	60.00	9.20	1.75	10.38	QP
18		13.560	14.43	-35.57	50.00	2.30	1.75	10.38	Average

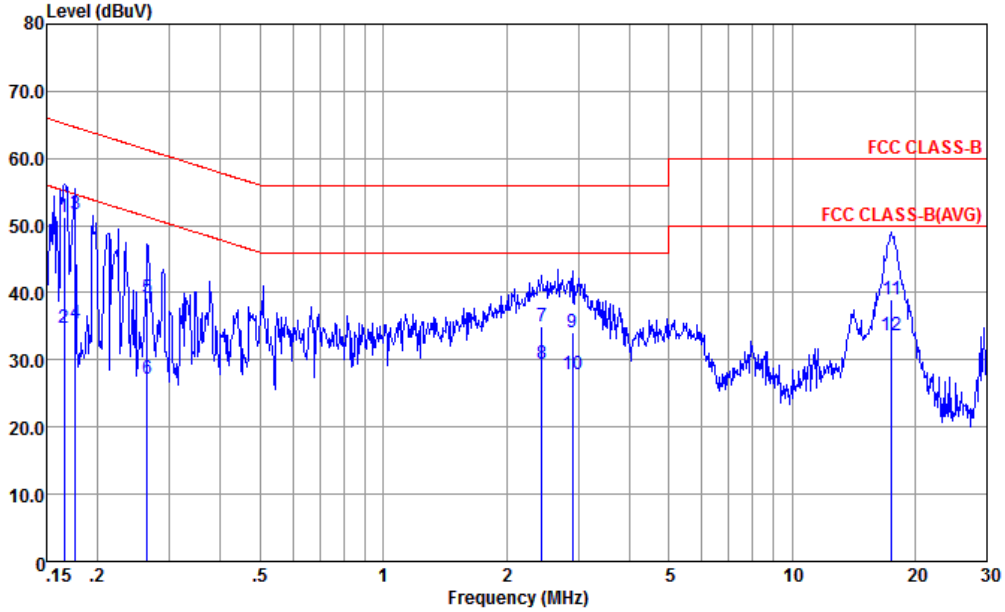
Mode :	Mode 5	**Temperature :**	25.3~26.2℃
Test Engineer :	Amos Zhang	**Relative Humidity :**	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 5

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.178	53.29	-11.30	64.59	42.80	0.08	10.41	QP
2		0.178	38.59	-16.00	54.59	28.10	0.08	10.41	Average
3		0.190	50.77	-13.25	64.02	40.31	0.08	10.38	QP
4		0.190	30.07	-23.95	54.02	19.61	0.08	10.38	Average
5		0.235	43.24	-19.02	62.26	32.81	0.09	10.34	QP
6		0.235	27.24	-25.02	52.26	16.81	0.09	10.34	Average
7		0.476	34.87	-21.54	56.41	24.50	0.13	10.24	QP
8		0.476	23.87	-22.54	46.41	13.50	0.13	10.24	Average
9		2.409	33.88	-22.12	56.00	23.20	0.45	10.23	QP
10		2.409	27.88	-18.12	46.00	17.20	0.45	10.23	Average
11		18.232	35.63	-24.37	60.00	23.21	1.96	10.46	QP
12		18.232	27.93	-22.07	50.00	15.51	1.96	10.46	Average

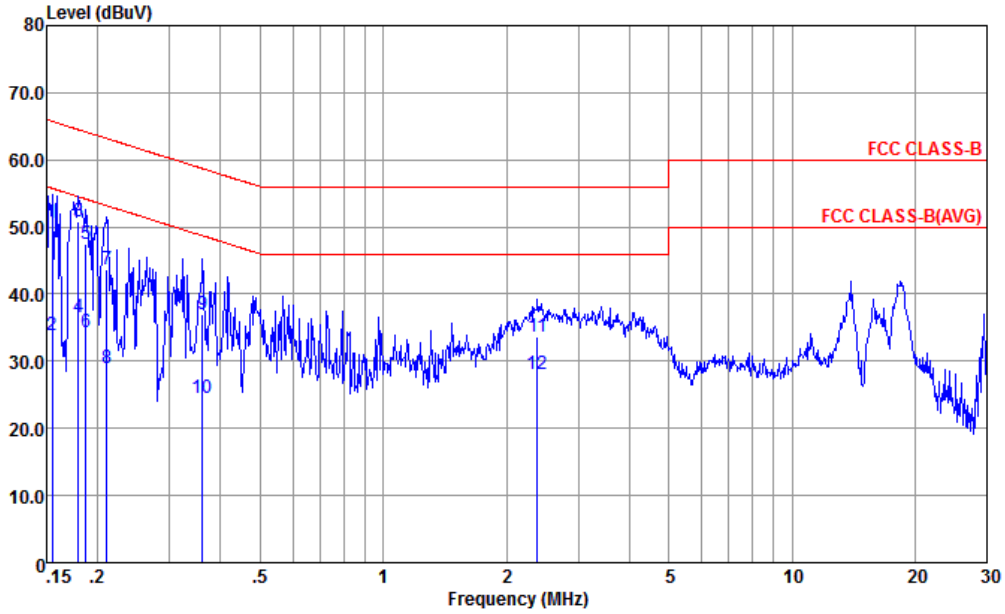
Mode :	Mode 5	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 5

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.166	51.20	-13.96	65.16	40.60	0.16	10.44	QP
2		0.166	34.80	-20.36	55.16	24.20	0.16	10.44	Average
3	*	0.177	51.67	-12.97	64.64	41.10	0.16	10.41	QP
4		0.177	35.47	-19.17	54.64	24.90	0.16	10.41	Average
5		0.264	39.11	-22.18	61.29	28.60	0.19	10.32	QP
6		0.264	27.11	-24.18	51.29	16.60	0.19	10.32	Average
7		2.448	34.92	-21.08	56.00	24.10	0.59	10.23	QP
8		2.448	29.32	-16.68	46.00	18.50	0.59	10.23	Average
9		2.900	34.09	-21.91	56.00	23.20	0.65	10.24	QP
10		2.900	27.79	-18.21	46.00	16.90	0.65	10.24	Average
11		17.568	38.95	-21.05	60.00	26.10	2.40	10.45	QP
12		17.568	33.65	-16.35	50.00	20.80	2.40	10.45	Average

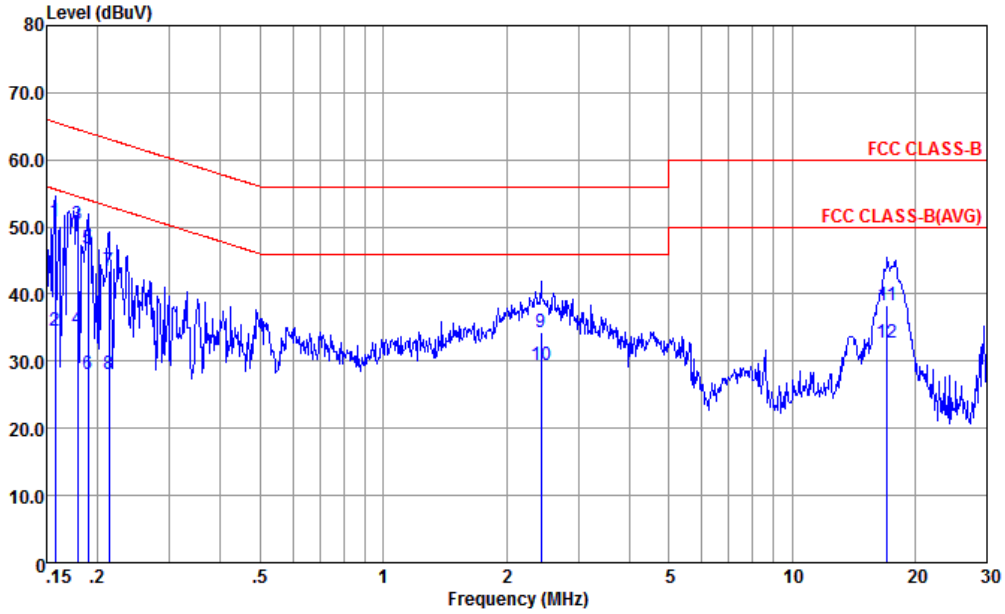
Mode :	Mode 6	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-L-060105-CN02 LINE
Project : (FC) 1O1906
mode : Mode 6

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.155	50.64	-15.10	65.74	40.10	0.07	10.47	QP
2		0.155	33.84	-21.90	55.74	23.30	0.07	10.47	Average
3	*	0.180	50.79	-13.71	64.50	40.30	0.08	10.41	QP
4		0.180	36.59	-17.91	54.50	26.10	0.08	10.41	Average
5		0.187	47.37	-16.78	64.15	36.90	0.08	10.39	QP
6		0.187	34.27	-19.88	54.15	23.80	0.08	10.39	Average
7		0.211	43.65	-19.53	63.18	33.20	0.09	10.36	QP
8		0.211	28.95	-24.23	53.18	18.50	0.09	10.36	Average
9		0.361	37.00	-21.69	58.69	26.61	0.11	10.28	QP
10		0.361	24.50	-24.19	48.69	14.11	0.11	10.28	Average
11		2.384	33.58	-22.42	56.00	22.90	0.45	10.23	QP
12		2.384	28.18	-17.82	46.00	17.50	0.45	10.23	Average

Mode :	Mode 6	Temperature :	25.3~26.2℃
Test Engineer :	Amos Zhang	Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : FCC CLASS-B LISN-N-060105-CN02 NEUTRAL
Project : (FC) 1O1906
mode : Mode 6

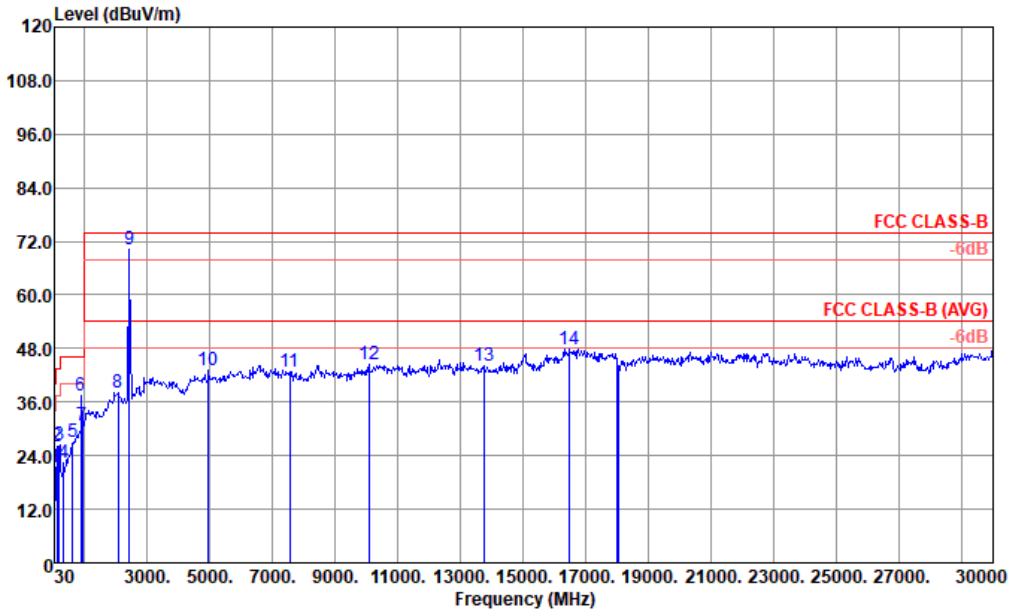
		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.157	50.81	-14.79	65.60	40.20	0.15	10.46	QP
2		0.157	34.51	-21.09	55.60	23.90	0.15	10.46	Average
3	*	0.179	50.37	-14.18	64.55	39.80	0.16	10.41	QP
4		0.179	34.77	-19.78	54.55	24.20	0.16	10.41	Average
5		0.189	46.75	-17.31	64.06	36.21	0.16	10.38	QP
6		0.189	28.05	-26.01	54.06	17.51	0.16	10.38	Average
7		0.213	43.43	-19.67	63.10	32.90	0.17	10.36	QP
8		0.213	28.03	-25.07	53.10	17.50	0.17	10.36	Average
9		2.435	34.32	-21.68	56.00	23.50	0.59	10.23	QP
10		2.435	29.32	-16.68	46.00	18.50	0.59	10.23	Average
11		17.109	38.26	-21.74	60.00	25.50	2.32	10.44	QP
12		17.109	32.86	-17.14	50.00	20.10	2.32	10.44	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix B. Radiated Emission Test Result

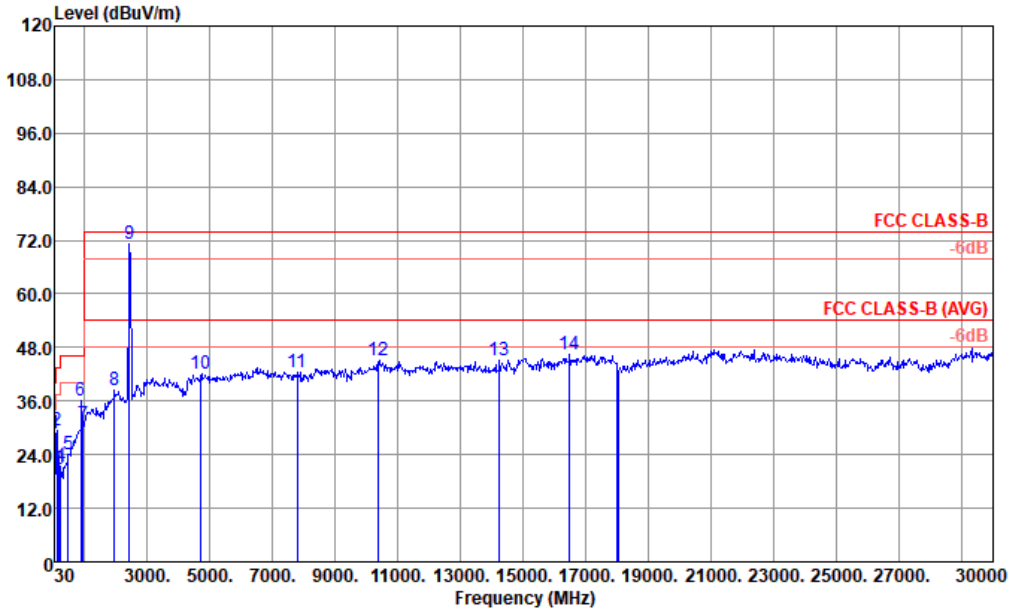
Mode :	Mode 1	**Temperature :**	21~22°C
Test Engineer :	Yoke Si	**Relative Humidity :**	51~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#6 is system simulator signal which can be ignored. #9 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.970	21.45	-18.55	40.00	28.52	24.57	0.56	32.20	---	---	Peak
2	111.480	26.23	-17.27	43.50	39.59	17.11	1.71	32.18	---	---	Peak
3	181.320	26.56	-16.94	43.50	41.40	15.07	2.19	32.10	---	---	Peak
4	325.850	22.45	-23.55	46.00	31.89	19.77	2.94	32.15	---	---	Peak
5	621.700	26.93	-19.07	46.00	29.03	26.10	4.06	32.26	---	---	Peak
6	881.660	37.59			35.84	29.17	4.85	32.27	---	---	Peak
7	924.340	30.91	-15.09	46.00	28.12	30.03	4.96	32.20	---	---	Peak
8	2056.000	38.23	-35.77	74.00	60.71	31.55	7.40	61.43	---	---	Peak
9	2416.000	70.21			92.48	32.18	7.44	61.89	---	---	Peak
10	4944.000	43.15	-30.85	74.00	58.89	34.37	11.71	61.82	---	---	Peak
11	7552.000	42.69	-31.31	74.00	54.04	35.90	14.59	61.84	---	---	Peak
12	10062.000	44.36	-29.64	74.00	51.93	37.35	17.12	62.04	---	---	Peak
13	13734.000	44.14	-29.86	74.00	46.97	38.85	19.95	61.63	---	---	Peak
14	16461.000	47.78	-26.22	74.00	45.84	41.90	22.10	62.06	---	---	Peak

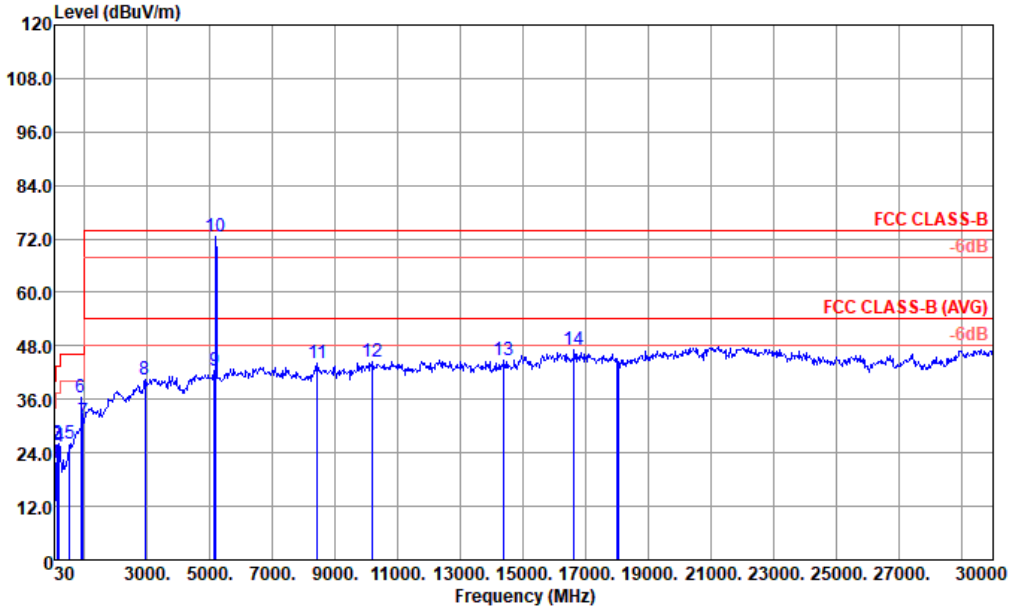
Mode :	Mode 1	**Temperature :**	21~22°C
Test Engineer :	Yoke Si	**Relative Humidity :**	51~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#6 s system simulator signal which can be ignored. #9 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 1

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	39.700	28.66	-11.34	40.00	40.28	19.80	0.70	32.12	---	---	Peak
2	110.510	29.41	-14.09	43.50	42.84	17.05	1.70	32.18	---	---	Peak
3	186.170	20.86	-22.64	43.50	35.82	14.92	2.22	32.10	---	---	Peak
4	221.090	21.54	-24.46	46.00	35.84	15.41	2.43	32.14	---	---	Peak
5	477.170	24.13	-21.87	46.00	29.30	23.58	3.56	32.31	---	---	Peak
6	881.660	36.25			34.50	29.17	4.85	32.27	---	---	Peak
7	940.830	30.85	-15.15	46.00	27.38	30.66	5.01	32.20	---	---	Peak
8	1936.000	38.58	-35.42	74.00	62.08	31.10	7.21	61.81	---	---	Peak
9	2416.000	71.06			93.33	32.18	7.44	61.89	---	---	Peak
10	4712.000	41.96	-32.04	74.00	58.29	34.40	11.44	62.17	---	---	Peak
11	7776.000	42.49	-31.51	74.00	53.63	35.90	14.77	61.81	---	---	Peak
12	10386.000	45.02	-28.98	74.00	52.01	37.61	17.39	61.99	---	---	Peak
13	14238.000	45.12	-28.88	74.00	47.36	39.19	20.32	61.75	---	---	Peak
14	16488.000	46.49	-27.51	74.00	44.42	41.97	22.14	62.04	---	---	Peak

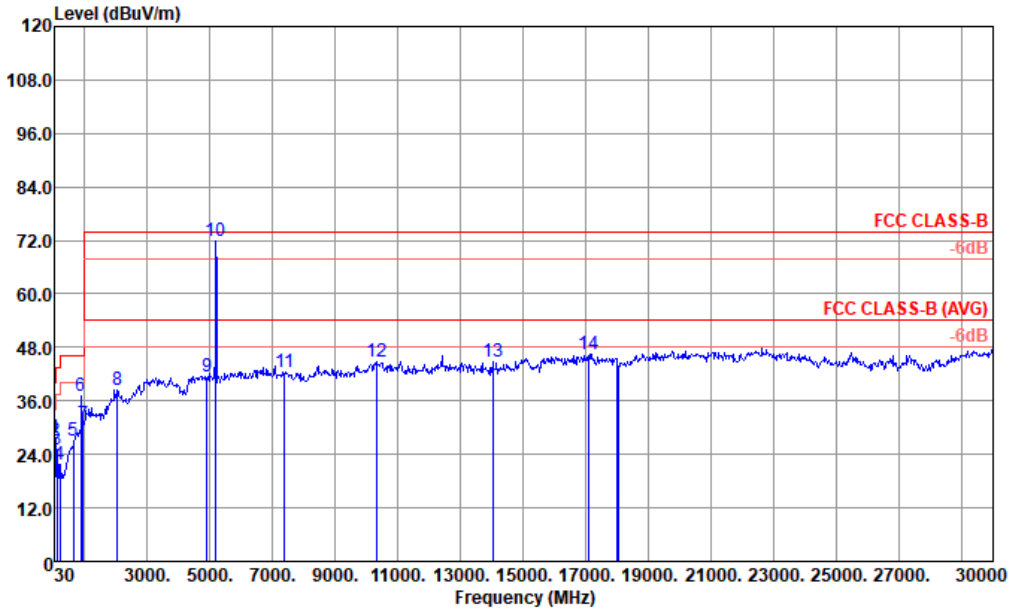
Mode :	Mode 2	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 2

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.970	21.82	-18.18	40.00	28.89	24.57	0.56	32.20	---	---	Peak
2	115.360	25.81	-17.69	43.50	38.91	17.33	1.74	32.17	---	---	Peak
3	170.650	26.01	-17.49	43.50	40.34	15.65	2.12	32.10	---	---	Peak
4	186.170	25.37	-18.13	43.50	40.33	14.92	2.22	32.10	---	---	Peak
5	519.850	26.18	-19.82	46.00	30.27	24.55	3.72	32.36	---	---	Peak
6	881.660	36.32			34.57	29.17	4.85	32.27	---	---	Peak
7	937.920	31.15	-14.85	46.00	27.80	30.55	5.00	32.20	---	---	Peak
8	2928.000	40.32	-33.68	74.00	60.29	32.69	8.91	61.57	---	---	Peak
9	5136.000	42.33	-31.67	74.00	57.48	34.60	11.95	61.70	---	---	Peak
10	5184.000	72.44			88.30	34.67	11.16	61.69	---	---	Peak
11	8424.000	43.99	-30.01	74.00	54.55	36.07	15.60	62.23	---	---	Peak
12	10170.000	44.48	-29.52	74.00	51.86	37.43	17.21	62.02	---	---	Peak
13	14364.000	44.66	-29.34	74.00	46.68	39.38	20.42	61.82	---	---	Peak
14	16623.000	46.98	-27.02	74.00	44.49	42.14	22.29	61.94	---	---	Peak

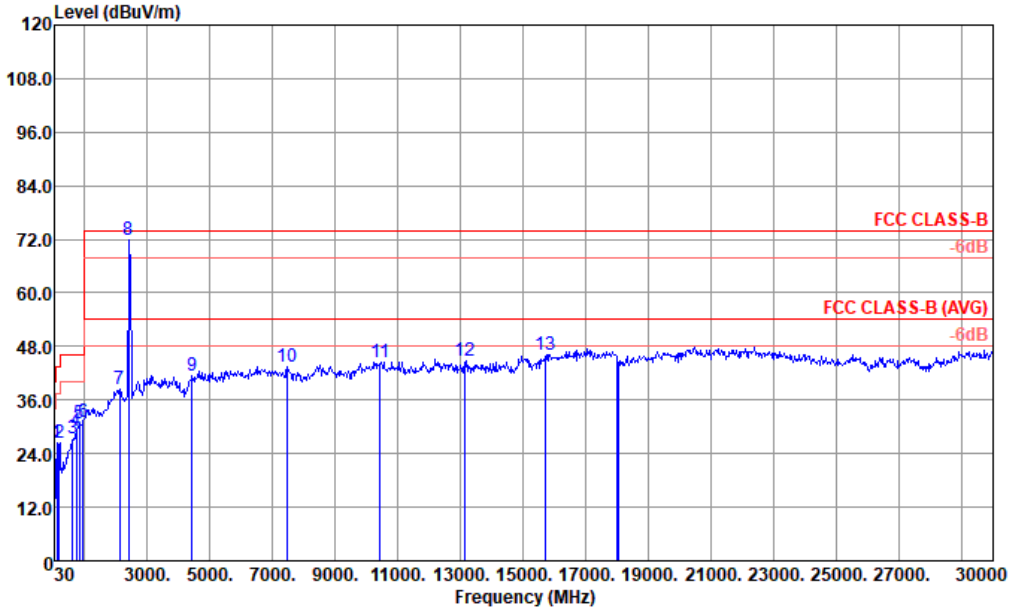
Mode :	Mode 2	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 2

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	41.640	27.71	-12.29	40.00	40.28	18.82	0.73	32.12	---	---	Peak
2	46.490	26.97	-13.03	40.00	42.01	16.36	0.80	32.20	---	---	Peak
3	113.420	25.12	-18.38	43.50	38.35	17.22	1.72	32.17	---	---	Peak
4	199.750	21.82	-21.68	43.50	36.50	15.10	2.32	32.10	---	---	Peak
5	627.520	26.93	-19.07	46.00	28.92	26.18	4.08	32.25	---	---	Peak
6	881.660	37.23			35.48	29.17	4.85	32.27	---	---	Peak
7	949.560	30.76	-15.24	46.00	26.93	31.00	5.03	32.20	---	---	Peak
8	2032.000	38.52	-35.48	74.00	61.02	31.53	7.37	61.40	---	---	Peak
9	4912.000	41.58	-32.42	74.00	57.43	34.35	11.67	61.87	---	---	Peak
10	5184.000	72.00			87.86	34.67	11.16	61.69	---	---	Peak
11	7384.000	42.51	-31.49	74.00	53.98	35.92	14.47	61.86	---	---	Peak
12	10332.000	44.91	-29.09	74.00	52.00	37.57	17.34	62.00	---	---	Peak
13	14031.000	44.80	-29.20	74.00	47.41	38.86	20.15	61.62	---	---	Peak
14	17091.000	46.61	-27.39	74.00	42.96	42.42	22.80	61.57	---	---	Peak

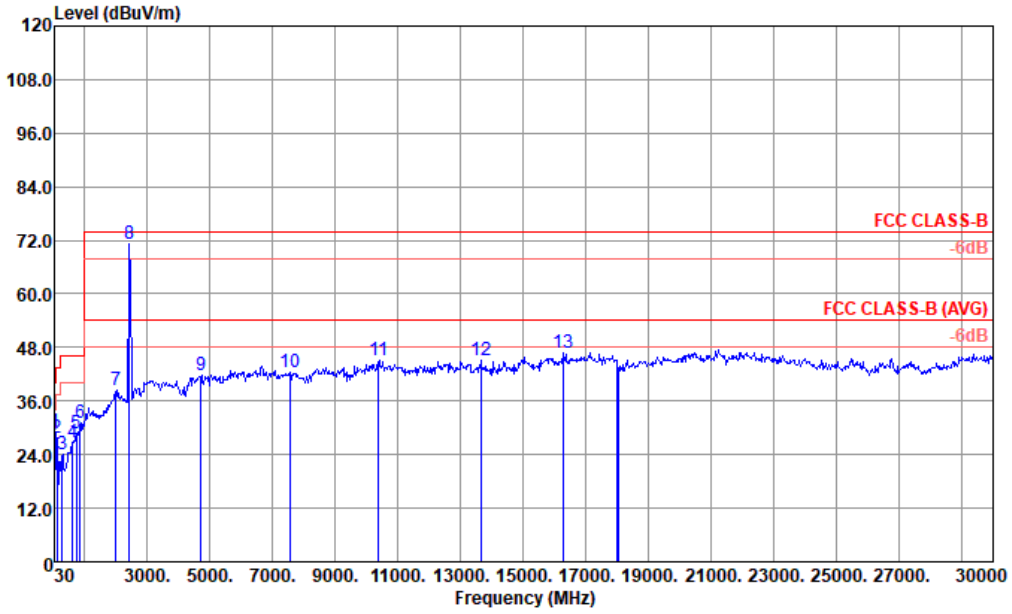
Mode :	Mode 3	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#8 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	112.450	26.46	-17.04	43.50	39.77	17.16	1.71	32.18	---	---	Peak
2	183.260	26.41	-17.09	43.50	41.30	15.01	2.20	32.10	---	---	Peak
3	607.150	27.35	-18.65	46.00	29.73	25.90	4.01	32.29	---	---	Peak
4	732.280	28.95	-17.05	46.00	29.12	27.67	4.42	32.26	---	---	Peak
5	817.640	30.87	-15.13	46.00	29.95	28.59	4.67	32.34	---	---	Peak
6	936.950	30.97	-15.03	46.00	27.65	30.52	5.00	32.20	---	---	Peak
7	2120.000	38.35	-35.65	74.00	60.74	31.62	7.52	61.53	---	---	Peak
8	2408.000	71.76			94.03	32.18	7.44	61.89	---	---	Peak
9	4424.000	41.39	-32.61	74.00	58.89	33.86	11.05	62.41	---	---	Peak
10	7440.000	43.41	-30.59	74.00	54.85	35.91	14.51	61.86	---	---	Peak
11	10440.000	44.52	-29.48	74.00	51.42	37.65	17.43	61.98	---	---	Peak
12	13149.000	44.93	-29.07	74.00	47.75	39.18	19.59	61.59	---	---	Peak
13	15705.000	46.08	-27.92	74.00	46.56	40.47	21.40	62.35	---	---	Peak

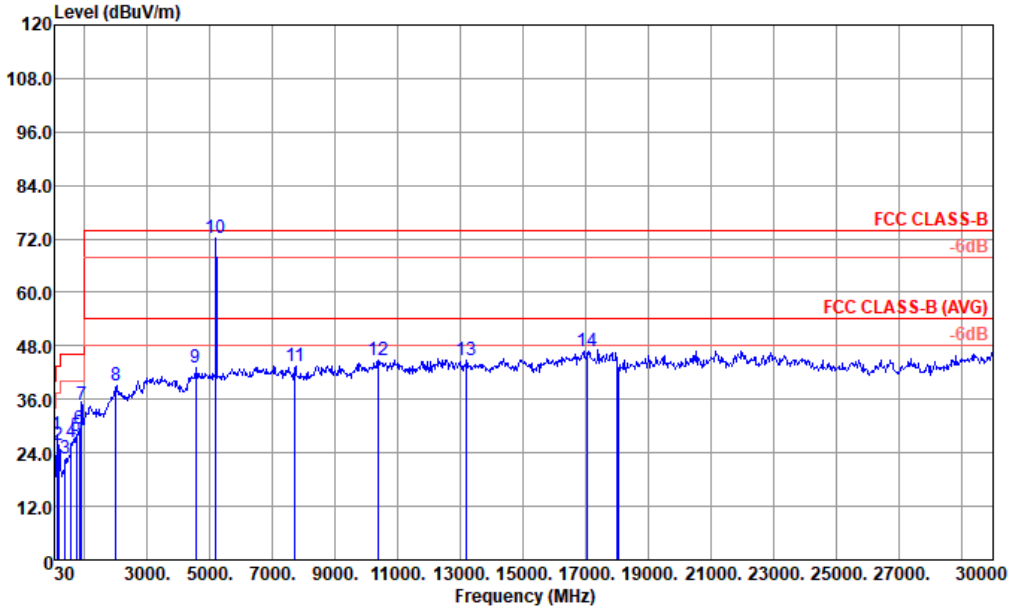
Mode :	Mode 3	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Vertical
Remark :	#8 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 3

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	40.670	28.99	-11.01	40.00	41.06	19.31	0.72	32.10	---	---	Peak
2	112.450	27.69	-15.81	43.50	41.00	17.16	1.71	32.18	---	---	Peak
3	268.620	24.03	-21.97	46.00	33.72	19.80	2.67	32.16	---	---	Peak
4	607.150	26.88	-19.12	46.00	29.26	25.90	4.01	32.29	---	---	Peak
5	724.520	28.78	-17.22	46.00	29.20	27.44	4.39	32.25	---	---	Peak
6	861.290	30.99	-15.01	46.00	29.31	29.25	4.79	32.36	---	---	Peak
7	2000.000	38.35	-35.65	74.00	60.89	31.50	7.31	61.35	---	---	Peak
8	2416.000	71.34			93.61	32.18	7.44	61.89	---	---	Peak
9	4720.000	41.80	-32.20	74.00	58.11	34.38	11.46	62.15	---	---	Peak
10	7552.000	42.38	-31.62	74.00	53.73	35.90	14.59	61.84	---	---	Peak
11	10386.000	45.22	-28.78	74.00	52.21	37.61	17.39	61.99	---	---	Peak
12	13635.000	45.02	-28.98	74.00	47.90	38.87	19.89	61.64	---	---	Peak
13	16263.000	46.79	-27.21	74.00	45.57	41.53	21.89	62.20	---	---	Peak

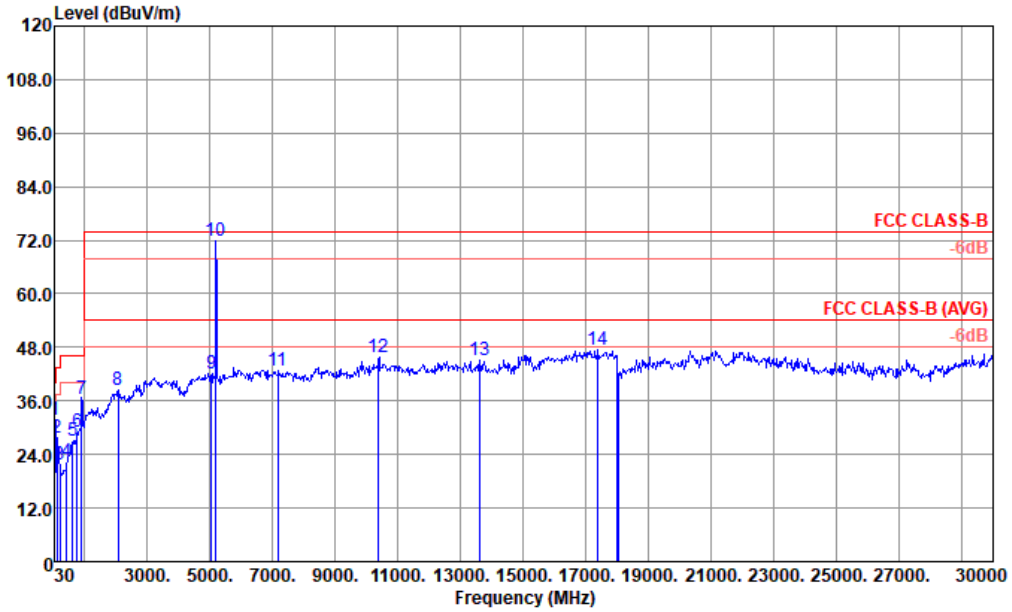
Mode :	Mode 4	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#7 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 4

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	106.630	28.01	-15.49	43.50	41.79	16.73	1.68	32.19	---	---	Peak
2	169.680	25.62	-17.88	43.50	39.90	15.70	2.12	32.10	---	---	Peak
3	374.350	22.77	-23.23	46.00	30.77	21.09	3.16	32.25	---	---	Peak
4	570.290	26.29	-19.71	46.00	29.14	25.56	3.89	32.30	---	---	Peak
5	741.010	27.83	-18.17	46.00	27.73	27.94	4.44	32.28	---	---	Peak
6	829.280	29.31	-16.69	46.00	28.12	28.85	4.70	32.36	---	---	Peak
7	889.000	34.84			33.07	29.14	4.87	32.24	---	---	Peak
8	1984.000	39.26	-34.74	74.00	62.05	31.40	7.28	61.47	---	---	Peak
9	4552.000	42.99	-31.01	74.00	59.82	34.33	11.24	62.40	---	---	Peak
10	5184.000	72.27			88.13	34.67	11.16	61.69	---	---	Peak
11	7712.000	43.30	-30.70	74.00	54.50	35.90	14.72	61.82	---	---	Peak
12	10359.000	44.73	-29.27	74.00	51.76	37.59	17.37	61.99	---	---	Peak
13	13176.000	44.91	-29.09	74.00	47.74	39.16	19.61	61.60	---	---	Peak
14	17055.000	46.67	-27.33	74.00	43.01	42.51	22.76	61.61	---	---	Peak

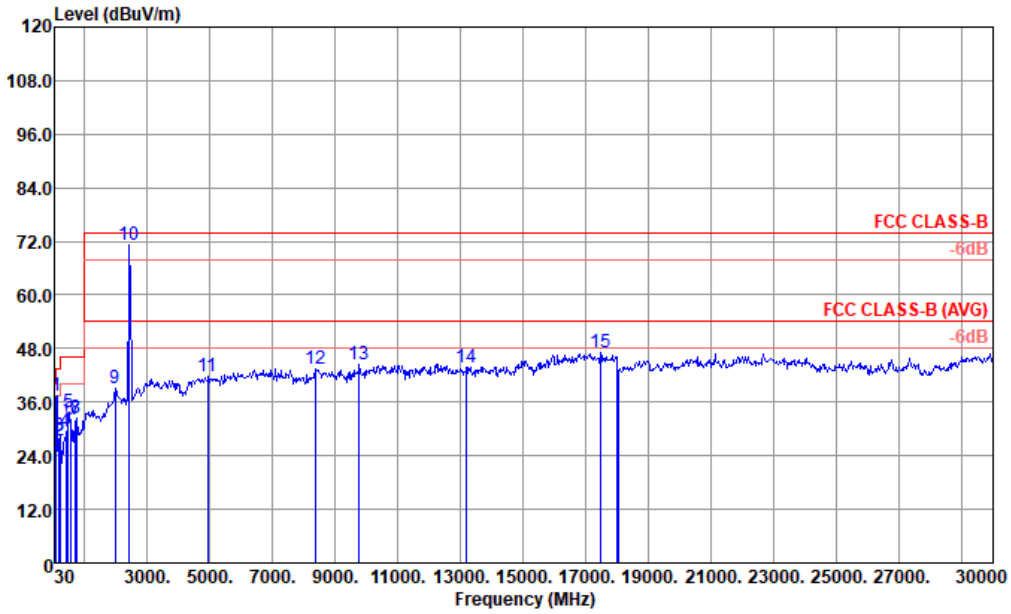
Mode :	Mode 4	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Vertical
Remark :	#7 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 4

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	43.580	31.91	-8.09	40.00	45.47	17.84	0.76	32.16	---	---	Peak
2	105.660	27.90	-15.60	43.50	41.78	16.64	1.67	32.19	---	---	Peak
3	205.570	21.76	-21.74	43.50	36.36	15.16	2.35	32.11	---	---	Peak
4	428.670	22.28	-23.72	46.00	28.55	22.59	3.38	32.24	---	---	Peak
5	611.030	27.09	-18.91	46.00	29.39	25.95	4.03	32.28	---	---	Peak
6	755.560	29.18	-16.82	46.00	28.79	28.20	4.49	32.30	---	---	Peak
7	889.000	36.48			34.71	29.14	4.87	32.24	---	---	Peak
8	2072.000	38.35	-35.65	74.00	60.80	31.57	7.43	61.45	---	---	Peak
9	5056.000	42.18	-31.82	74.00	57.53	34.50	11.86	61.71	---	---	Peak
10	5168.000	71.88			87.78	34.65	11.14	61.69	---	---	Peak
11	7168.000	42.68	-31.32	74.00	54.46	35.97	14.13	61.88	---	---	Peak
12	10386.000	45.75	-28.25	74.00	52.74	37.61	17.39	61.99	---	---	Peak
13	13617.000	45.13	-28.87	74.00	48.02	38.88	19.88	61.65	---	---	Peak
14	17388.000	47.34	-26.66	74.00	43.67	41.91	23.06	61.30	---	---	Peak

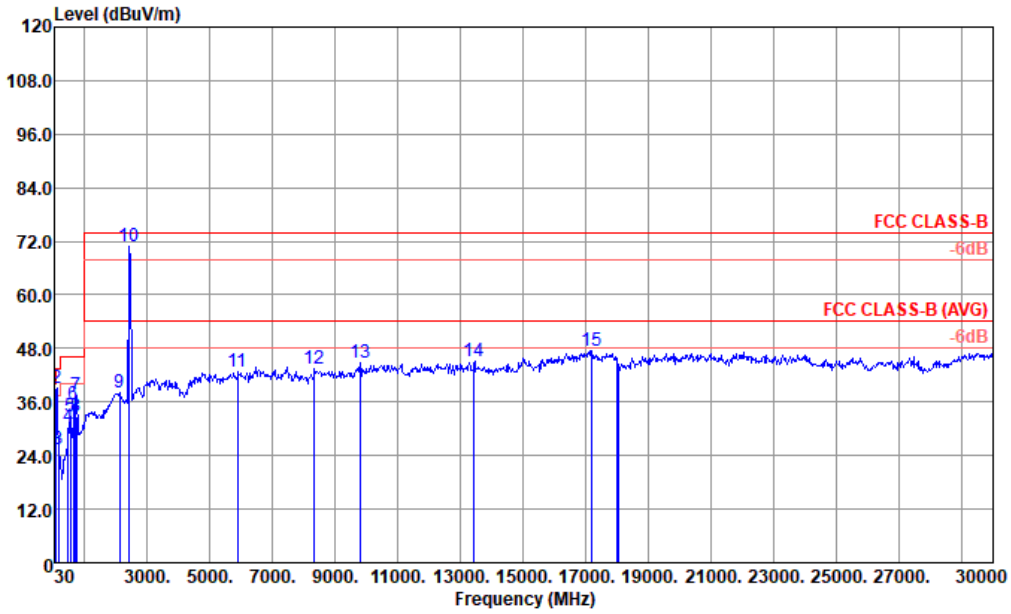
Mode :	Mode 5	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#1 is FM signal which can be ignored. #8 is system simulator signal which can be ignored. #10 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 5

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	88.000	37.30			53.51	14.56	1.45	32.22	---	---	Peak
2	193.930	27.50	-16.00	43.50	42.40	14.92	2.28	32.10	---	---	Peak
3	216.240	28.38	-17.62	46.00	42.85	15.26	2.40	32.13	---	---	Peak
4	408.300	29.34	-16.66	46.00	36.21	22.11	3.30	32.28	---	---	Peak
5	480.080	33.87	-12.13	46.00	38.98	23.64	3.57	32.32	---	---	Peak
6	533.430	32.07	-13.93	46.00	35.71	24.93	3.76	32.33	---	---	Peak
7	712.880	32.01	-13.99	46.00	32.80	27.08	4.36	32.23	---	---	Peak
8	741.010	32.55			32.45	27.94	4.44	32.28	---	---	Peak
9	1960.000	39.13	-34.87	74.00	62.39	31.20	7.24	61.70	---	---	Peak
10	2408.000	71.13			93.40	32.18	7.44	61.89	---	---	Peak
11	4928.000	41.71	-32.29	74.00	57.51	34.36	11.69	61.85	---	---	Peak
12	8360.000	43.51	-30.49	74.00	54.07	36.04	15.56	62.16	---	---	Peak
13	9765.000	44.58	-29.42	74.00	52.90	37.03	16.68	62.03	---	---	Peak
14	13185.000	43.82	-30.18	74.00	46.65	39.15	19.62	61.60	---	---	Peak
15	17469.000	47.22	-26.78	74.00	43.54	41.76	23.14	61.22	---	---	Peak

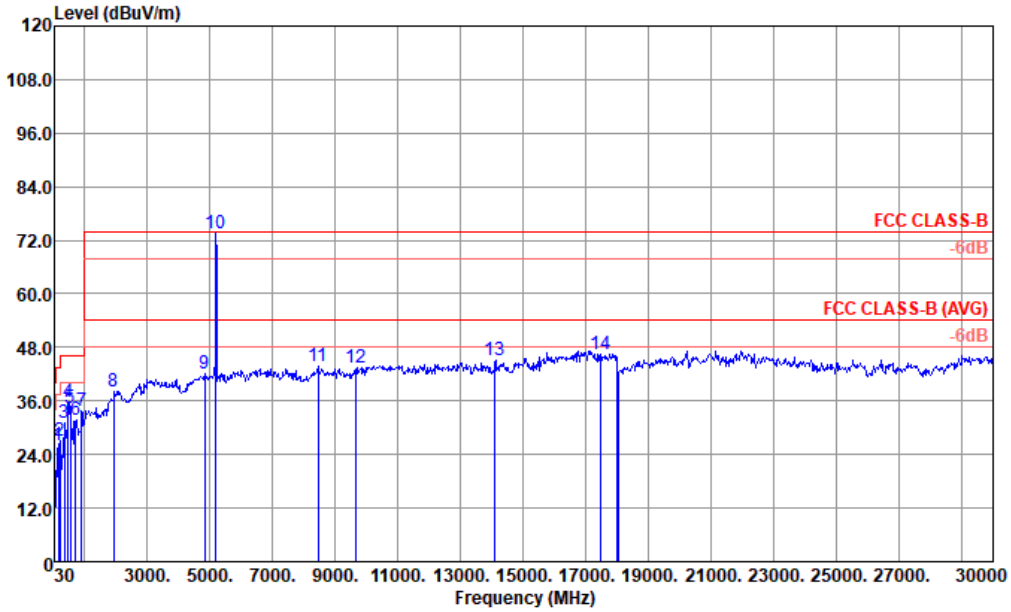
Mode :	Mode 5	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is FM signal which can be ignored. #8 is system simulator signal which can be ignored. #10 is RF signals which come from Bluetooth/WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 5

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	68.800	26.38	-13.62	40.00	44.97	12.44	1.15	32.18	---	---	Peak
2	88.000	39.26			55.47	14.56	1.45	32.22	---	---	Peak
3	166.770	25.34	-18.16	43.50	39.40	15.94	2.10	32.10	---	---	Peak
4	480.080	30.47	-15.53	46.00	35.58	23.64	3.57	32.32	---	---	Peak
5	530.520	32.89	-13.11	46.00	36.62	24.85	3.76	32.34	---	---	Peak
6	640.130	35.38	-10.62	46.00	37.12	26.36	4.12	32.22	---	---	Peak
7	713.850	37.49	-8.51	46.00	38.25	27.11	4.36	32.23	---	---	Peak
8	741.010	32.90			32.80	27.94	4.44	32.28	---	---	Peak
9	2112.000	37.94	-36.06	74.00	60.36	31.60	7.49	61.51	---	---	Peak
10	2416.000	70.73			93.00	32.18	7.44	61.89	---	---	Peak
11	5888.000	42.75	-31.25	74.00	56.04	35.40	12.94	61.63	---	---	Peak
12	8328.000	43.43	-30.57	74.00	53.98	36.03	15.54	62.12	---	---	Peak
13	9783.000	44.68	-29.32	74.00	52.97	37.05	16.69	62.03	---	---	Peak
14	13437.000	44.97	-29.03	74.00	47.91	38.94	19.77	61.65	---	---	Peak
15	17181.000	47.41	-26.59	74.00	43.75	42.27	22.88	61.49	---	---	Peak

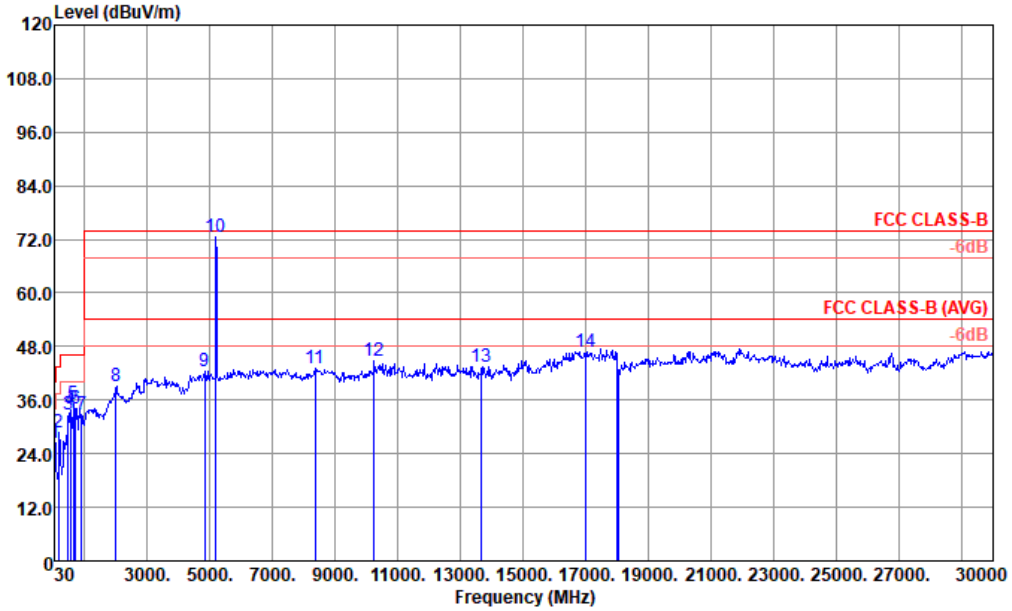
Mode :	Mode 6	Temperature :	21~22°C
Test Engineer :	Yoke Si	Relative Humidity :	51~52%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#7 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 HORIZONTAL
Project : (FC)1O1906
Mode : 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	167.740	26.07	-17.43	43.50	40.21	15.86	2.10	32.10	---	---	Peak
2	204.600	27.13	-16.37	43.50	41.74	15.15	2.35	32.11	---	---	Peak
3	351.070	30.99	-15.01	46.00	39.61	20.53	3.05	32.20	---	---	Peak
4	480.080	35.86	-10.14	46.00	40.97	23.64	3.57	32.32	---	---	Peak
5	530.520	34.48	-11.52	46.00	38.21	24.85	3.76	32.34	---	---	Peak
6	713.850	31.77	-14.23	46.00	32.53	27.11	4.36	32.23	---	---	Peak
7	889.420	33.81			32.04	29.14	4.87	32.24	---	---	Peak
8	1920.000	38.23	-35.77	74.00	61.98	31.00	7.18	61.93	---	---	Peak
9	4832.000	42.08	-31.92	74.00	58.18	34.31	11.59	62.00	---	---	Peak
10	5184.000	73.46			89.32	34.67	11.16	61.69	---	---	Peak
11	8448.000	43.75	-30.25	74.00	54.32	36.08	15.60	62.25	---	---	Peak
12	9675.000	43.52	-30.48	74.00	52.05	36.91	16.58	62.02	---	---	Peak
13	14103.000	45.09	-28.91	74.00	47.58	38.97	20.20	61.66	---	---	Peak
14	17478.000	46.60	-27.40	74.00	42.92	41.76	23.14	61.22	---	---	Peak

Mode :	Mode 6	**Temperature :**	21~22°C
Test Engineer :	Yoke Si	**Relative Humidity :**	51~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#7 is system simulator signal which can be ignored. #10 is RF signals which come from WLAN Access Point used to connect the EUT, and which can be ignored.		



Site : 03CH02-KS
Condition : FCC CLASS-B 3m LF 6111D SN44483 VERTICAL
Project : (FC)1O1906
Mode : 6

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	41.640	26.42	-13.58	40.00	38.99	18.82	0.73	32.12	---	---	Peak
2	165.800	28.73	-14.77	43.50	42.72	16.02	2.09	32.10	---	---	Peak
3	480.080	32.88	-13.12	46.00	37.99	23.64	3.57	32.32	---	---	Peak
4	532.460	33.76	-12.24	46.00	37.43	24.91	3.76	32.34	---	---	Peak
5	640.130	35.26	-10.74	46.00	37.00	26.36	4.12	32.22	---	---	Peak
6	711.910	34.17	-11.83	46.00	34.98	27.05	4.36	32.22	---	---	Peak
7	889.420	32.76			30.99	29.14	4.87	32.24	---	---	Peak
8	1984.000	39.17	-34.83	74.00	61.96	31.40	7.28	61.47	---	---	Peak
9	4832.000	42.60	-31.40	74.00	58.70	34.31	11.59	62.00	---	---	Peak
10	5184.000	72.38			88.24	34.67	11.16	61.69	---	---	Peak
11	8368.000	42.96	-31.04	74.00	53.52	36.04	15.56	62.16	---	---	Peak
12	10242.000	44.65	-29.35	74.00	51.88	37.50	17.28	62.01	---	---	Peak
13	13680.000	43.31	-30.69	74.00	46.17	38.86	19.92	61.64	---	---	Peak
14	17001.000	46.71	-27.29	74.00	43.06	42.60	22.71	61.66	---	---	Peak

THE END