FCC EMI TEST REPORT

FCC ID	:	**PY7-04706A**
Equipment	:	**GSM/WCDMA/LTE Phone+Bluetooth, DTS/UNII a/b/g/n/ac and NFC**
Brand Name	:	**Sony**
Applicant	:	**Sony Mobile Communications Inc. 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan**
Manufacturer	:	**Sony Mobile Communications Inc. 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan**
Standard	:	**FCC 47 CFR FCC Part 15 Subpart B**

The product was received on Aug. 14, 2018 and testing was started from Sep. 08, 2018 and completed on Dec. 12, 2018. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Jones Tsai

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FC881333-01	01	Initial issue of report	Dec. 12, 2018
FC881333-01	02	Revising the remark description.	Dec. 20, 2018

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 7.04 dB at 1.066 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 3.89 dB at 215.220 MHz

Reviewed by: Louis Wu

Report Producer: Natasha Hsieh

1. General Description

1.1. Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WWAN Antenna Main 1: Loop Antenna Main 2: Loop Antenna WLAN: Coupling Antenna Bluetooth: Coupling Antenna GPS / Glonass / BDS / Galileo / SBAS: Coupling Antenna NFC: Single loop Antenna FM: Using earphone as antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	1.156	CQ30019FT5	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name: UCH32
	S/N: 6218W30200016 (for radiated emission) 6218W30200140 (for conducted emission)
Earphone	Model No. : MH410c
	S/N : N/A
USB Cable	Model No. : UCB24
	S/N : N/A
Car Charger	Model Name: AN430
	S/N: 1715A9160009C76

Note:

1. Above EUT list used are electrically identical per declared by manufacturer.
2. Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report. .
3. 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 Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1093 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	CO05-HY	03CH06-HY

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
- 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

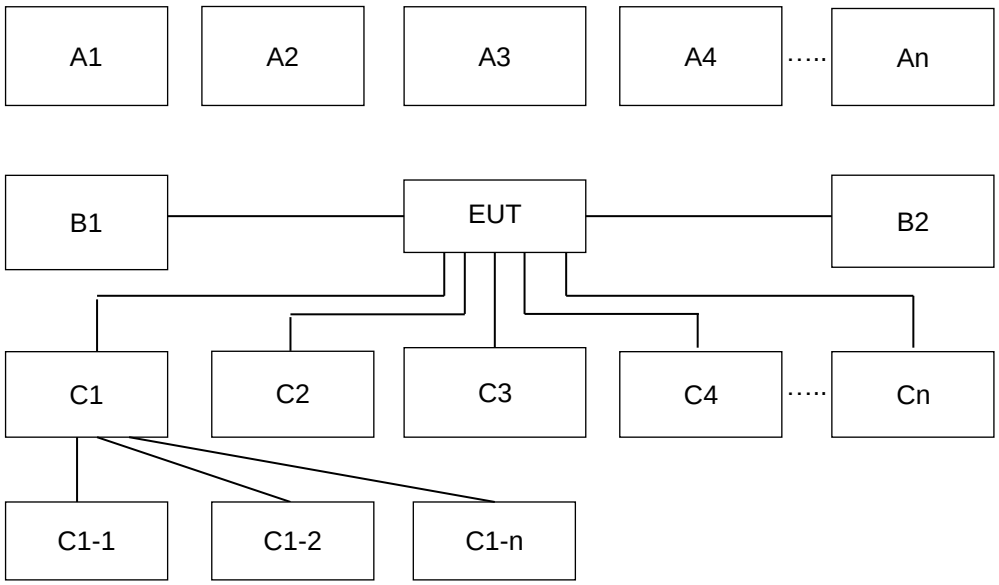
2.1. Test Mode

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).
For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

Test Items	Function Type
AC Conducted Emission	Mode 1: GSM850 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 2: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3: GSM850 (High Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 4: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 5: FM Rx (88 MHz) + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 6: FM Rx (98 MHz) + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 7: FM Rx (108 MHz) + Bluetooth Idle + WLAN (2.4GHz) Idle + NFC On + USB Cable (Charging from Adapter) + Battery + Earphone Mode 8: Flight Mode + USB Cable (Data Link with Notebook) + Battery + Earphone

Test Items	Function Type
Radiated Emissions	Mode 1: GSM850 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 2: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3: GSM850 (High Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MP3 + USB Cable (Charging from Adapter) + Battery + Earphone Mode 4: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 5: FM Rx (88 MHz) + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 6: FM Rx (98 MHz) + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery + Earphone Mode 7: FM Rx (108 MHz) + Bluetooth Idle + WLAN (2.4GHz) Idle + NFC On + USB Cable (Charging from Adapter) + Battery + Earphone Mode 8: Flight Mode + USB Cable (Data Link with Notebook) + Battery 1 + Earphone
Remark: **1.** Data Linking with Notebook means data application transferred mode between EUT and Notebook. **2.** After pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5), the worst case is GSM850; only the test data of this mode was reported.	

2.2. Connection Diagram of Test System



Conduction Test Setup									
No.	**Wireless Station**	**Connection Type**	**Test Mode**						
			1	**2**	**3**	**4**	**5**	**6**	**7**
A1	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE/FM	X	X	X	X	X	X	X
A2	BT Earphone	Bluetooth	X	X	X	X	X	X	X
A3	AP router	WiFi	X	X	X	X	X	X	X
No.	**Power Source**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
B1	AC : 120V/60Hz	AC Power Cable	X	X	X	X	X	X	X
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
C1	Notebook	USB Cable							
C1-1	Music Player	USB Cable to C1							
C1-2	AP router	RJ-45 Cable to C1							
C2	Earphone	Earphone jack	X	X	X	X	X	X	X
C3	SD card	SD I/O interface without Cable	X	X	X	X	X	X	X

Conduction Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			8						
A1	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE/FM							
A2	BT Earphone	Bluetooth							
A3	AP router	WiFi							
No.	**Power Source**	**Connection Type**	**8**						
B1	AC : 120V/60Hz	AC Power Cable							
No.	**Setup Peripherals**	**Connection Type**	**8**						
C1	Notebook	USB Cable	X						
C1-1	Music Player	USB Cable to C1	X						
C1-2	AP router	RJ-45 Cable to C1	X						
C2	Earphone	Earphone jack	X						
C3	SD card	SD I/O interface without Cable	X						

Radiation Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	3	4	5	6	7
A1	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE/FM	X	X	X	X	X	X	X
A2	BT Earphone	Bluetooth	X	X	X	X	X	X	X
A3	AP router	WiFi	X	X	X	X	X	X	X
No.	**Power Source**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
B1	AC : 120V/60Hz	AC Power Cable	X	X	X		X	X	X
B2	DC : 12V	DC Power Cable				X			
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
C1	Notebook	USB Cable							
C1-1	Music Player	USB Cable to C1							
C1-2	AP router	RJ-45 Cable to C1							
C2	Earphone	Earphone jack	X	X	X	X	X	X	X
C3	SD card	SD I/O interface without Cable	X	X	X	X	X	X	X

Radiation Test Setup										
No.	Wireless Station	Connection Type	Test Mode							
			8							
A1	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE/FM								
A2	BT Earphone	Bluetooth								
A3	AP router	WiFi								
No.	**Power Source**	**Connection Type**	**8**							
B1	AC : 120V/60Hz	AC Power Cable								
B2	DC : 12V	DC Power Cable								
No.	**Setup Peripherals**	**Connection Type**	**8**							
C1	Notebook	USB Cable	X							
C1-1	Music Player	USB Cable to C1	X							
C1-2	AP router	RJ-45 Cable to C1	X							
C2	Earphone	Earphone jack	X							
C3	SD card	SD I/O interface without Cable	X							

2.3. Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded,1.8m
2.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
3.	Bluetooth Earphone	Sony	SBH-20	PY7-RD0010	N/A	N/A
4.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
5.	Music Player	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
6.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	Car Battery	GS	65B24LS	N/A	N/A	N/A
8.	SD Card	SanDisk	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 (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.

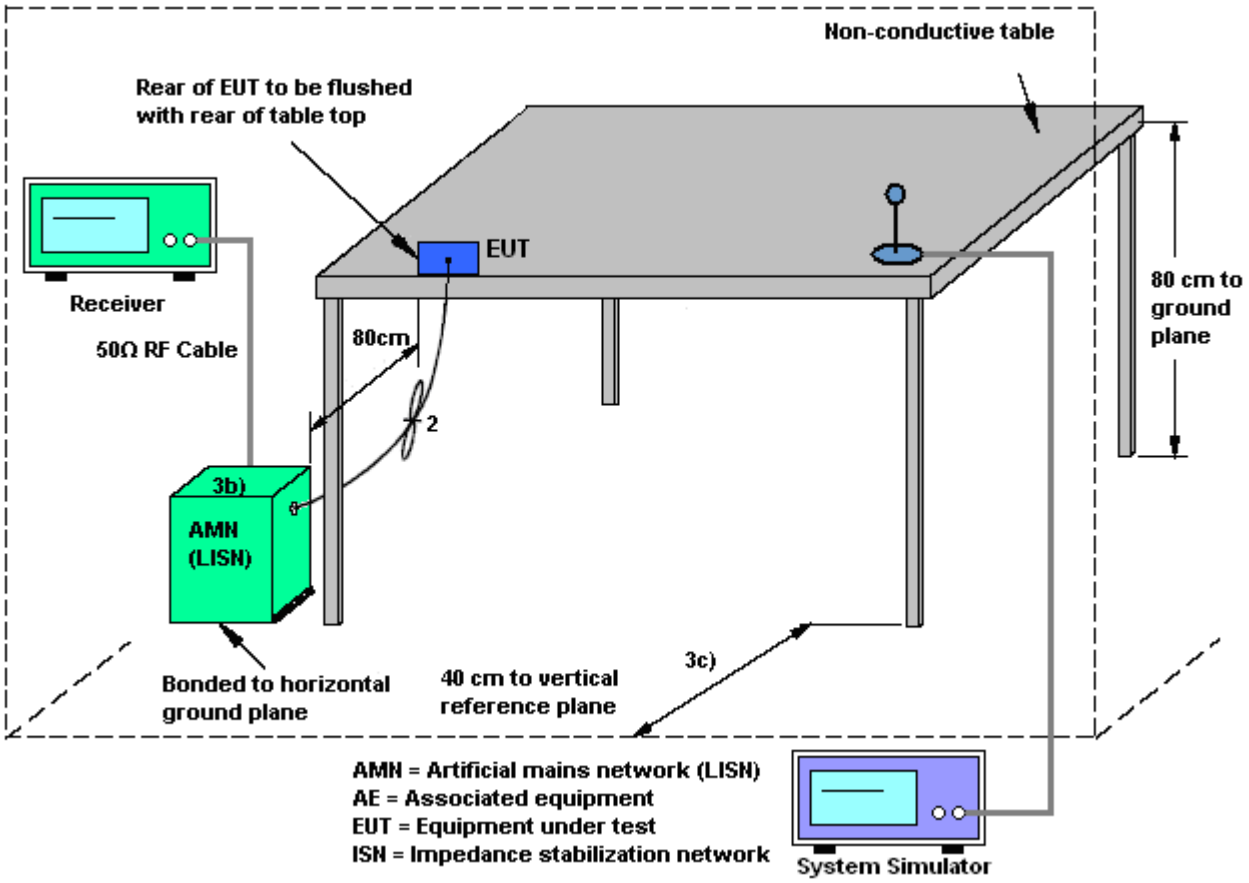
3.1.2 Measuring Instruments

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 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.
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:

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

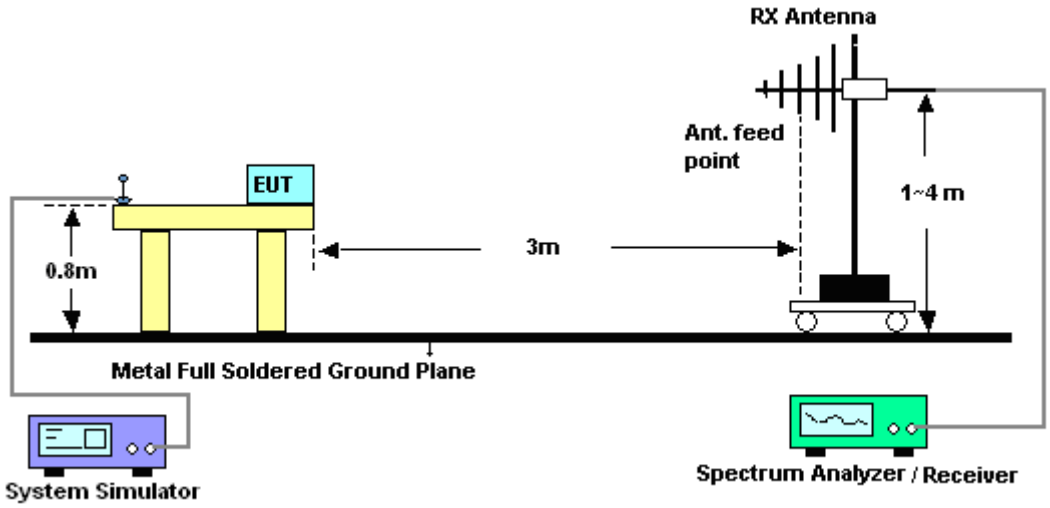
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

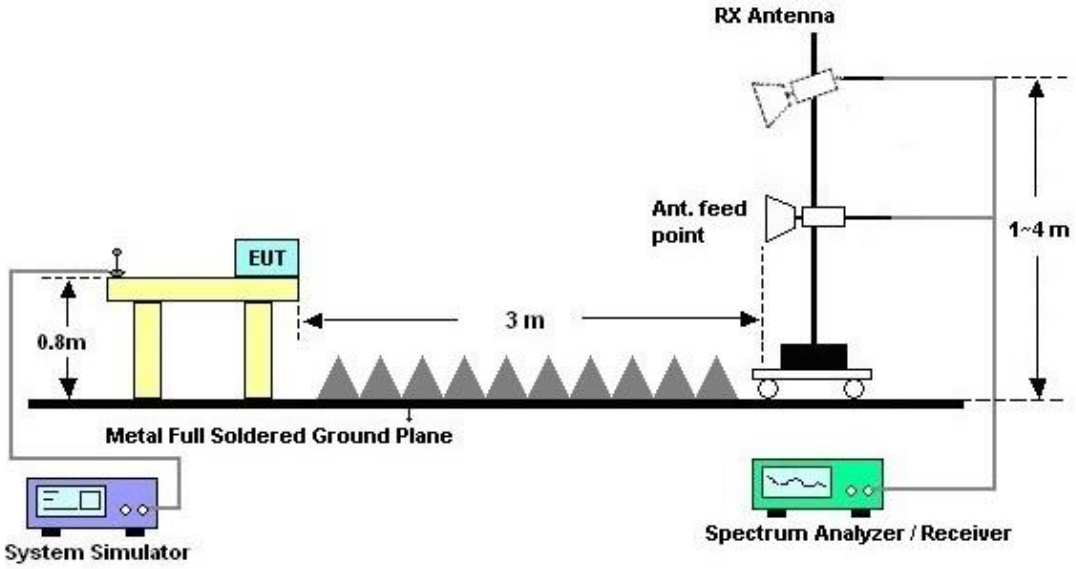
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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=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 (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	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	Sep. 10, 2018~ Dec. 11, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Sep. 10, 2018~ Nov. 12, 2018	Dec. 07, 2018	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Nov. 13, 2018~ Dec. 11, 2018	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Sep. 10, 2018~ Dec. 11, 2018	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Sep. 10, 2018~ Nov. 13, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Dec. 11, 2018	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Nov. 15, 2018~ Nov. 16, 2018	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Dec. 11, 2018	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 10, 2018~ Dec. 11, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Sep. 10, 2018~ Dec. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Sep. 10, 2018~ Dec. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Bilog Antenna	Schaffner	CBL6111C&N -6-06	2725&AT-N0601	30MHz~1GHz	Oct. 14, 2017	Sep. 08, 2018	Oct. 13, 2018	Radiation (03CH06-HY)
Bilog Antenna	Schaffner	CBL6111C&N -6-06	2725&AT-N0601	30MHz~1GHz	Oct. 13, 2018	Nov. 22, 2018~ Dec. 12, 2018	Oct. 12, 2019	Radiation (03CH06-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Apr. 17, 2018	Sep. 08, 2018~ Dec. 12, 2018	Apr. 16, 2019	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 04, 2018	Sep. 08, 2018~ Dec. 12, 2018	Jan. 03, 2019	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 24, 2018	Sep. 08, 2018~ Dec. 12, 2018	Aug. 23, 2019	Radiation (03CH06-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	May 02, 2018	Sep. 08, 2018~ Dec. 12, 2018	May 01, 2019	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1850117	1GHz ~ 18GHz	May 24, 2018	Sep. 08, 2018~ Dec. 12, 2018	May 23, 2019	Radiation (03CH06-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Sep. 08, 2018~ Dec. 12, 2018	Jul. 15, 2019	Radiation (03CH06-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER+SUHNER/UTIFLEX	SUCOFLEX 104 / UFA210A	MY24966/4 / LF-01	30MHz-1GHz	Nov. 24, 2017	Sep. 08, 2018~ Nov. 22, 2018	Nov. 23, 2018	Radiation (03CH06-HY)
RF Cable	HUBER+SUHNER/UTIFLEX	SUCOFLEX 104 / UFA210A	MY24966/4 / LF-01	30MHz-1GHz	Nov. 22, 2018	Dec. 12, 2018	Nov. 21, 2019	Radiation (03CH06-HY)
RF Cable	Infinet/Sunhner	LL142/SF104	CA3601-3601-HLL	1GHz-26GHz	Nov. 24, 2017	Sep. 08, 2018~ Nov. 22, 2018	Nov. 23, 2018	Radiation (03CH06-HY)
RF Cable	Infinet/Sunhner	LL142/SF104	CA3601-3601-HLL	1GHz-26GHz	Nov. 22, 2018	Dec. 12, 2018	Nov. 21, 2019	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Sep. 08, 2018	Oct. 16, 2018	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 16, 2018	Nov. 22, 2018~ Dec. 12, 2018	Oct. 15, 2019	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 21, 2017	Sep. 08, 2018	Nov. 20, 2018	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 02, 2018	Nov. 22, 2018	Nov. 01, 2019	Radiation (03CH06-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Dec. 07, 2017	Sep. 08, 2018~ Nov. 22, 2018	Dec. 06, 2018	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Sep. 08, 2018~ Dec. 12, 2018	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Sep. 08, 2018~ Dec. 12, 2018	N/A	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Sep. 08, 2018~ Dec. 12, 2018	N/A	Radiation (03CH06-HY)
Test Software	AUDIX	e3	6.2009-8-24(k5)	N/A	N/A	Sep. 08, 2018~ Dec. 12, 2018	N/A	Radiation (03CH06-HY)

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))	**2.20**

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

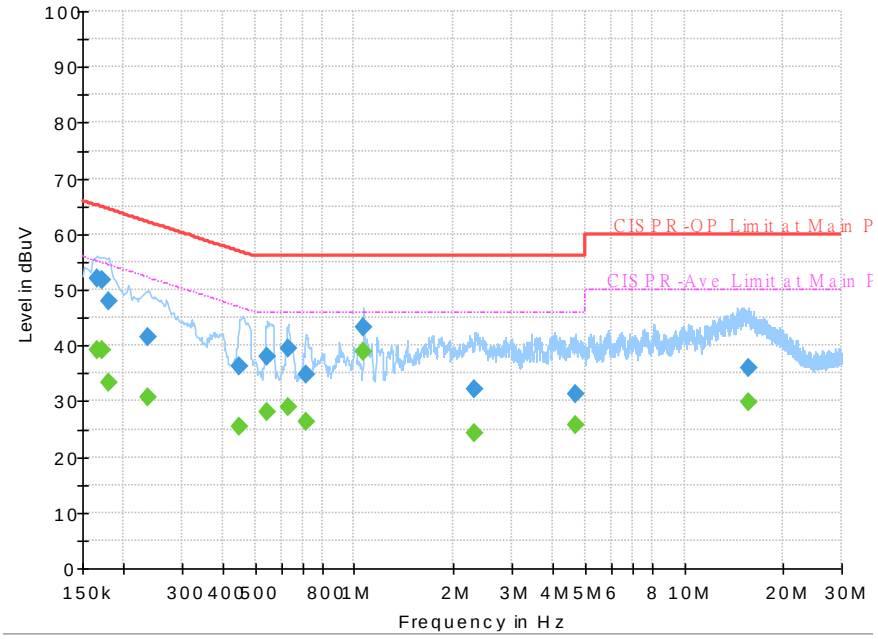
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.90**

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

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

Appendix A. AC Conducted Emission Test Results

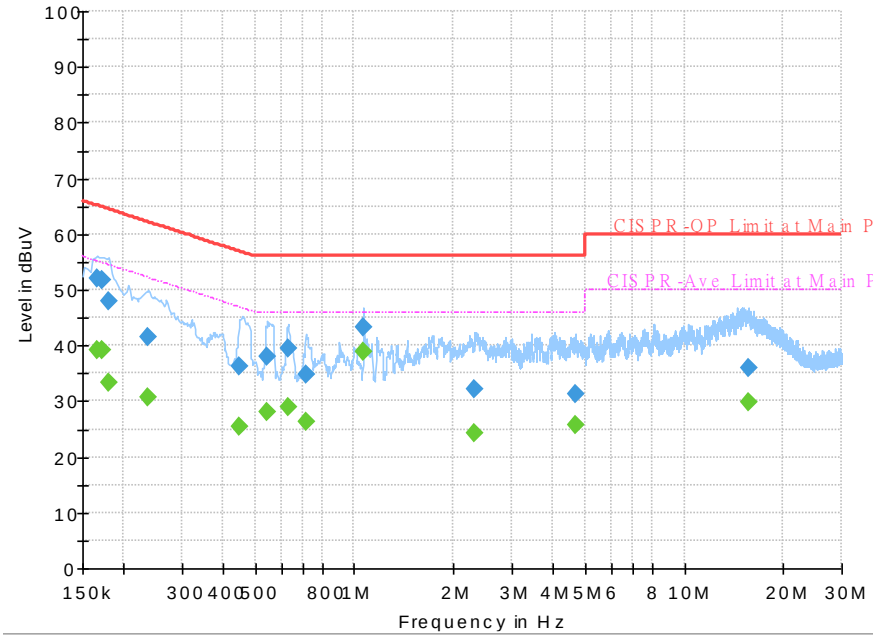
Test Mode :	Mode 1	**Temperature :**	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	**Relative Humidity :**	48~60%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	39.06	55.17	16.11	L1	OFF	19.5
0.165750	51.98	---	65.17	13.19	L1	OFF	19.5
0.172500	---	39.29	54.84	15.55	L1	OFF	19.5
0.172500	51.83	---	64.84	13.01	L1	OFF	19.5
0.179250	---	33.28	54.52	21.24	L1	OFF	19.5
0.179250	47.84	---	64.52	16.68	L1	OFF	19.5
0.237750	---	30.61	52.17	21.56	L1	OFF	19.5
0.237750	41.43	---	62.17	20.74	L1	OFF	19.5
0.449250	---	25.48	46.89	21.41	L1	OFF	19.5
0.449250	36.34	---	56.89	20.55	L1	OFF	19.5
0.543750	---	28.17	46.00	17.83	L1	OFF	19.5
0.543750	38.00	---	56.00	18.00	L1	OFF	19.5

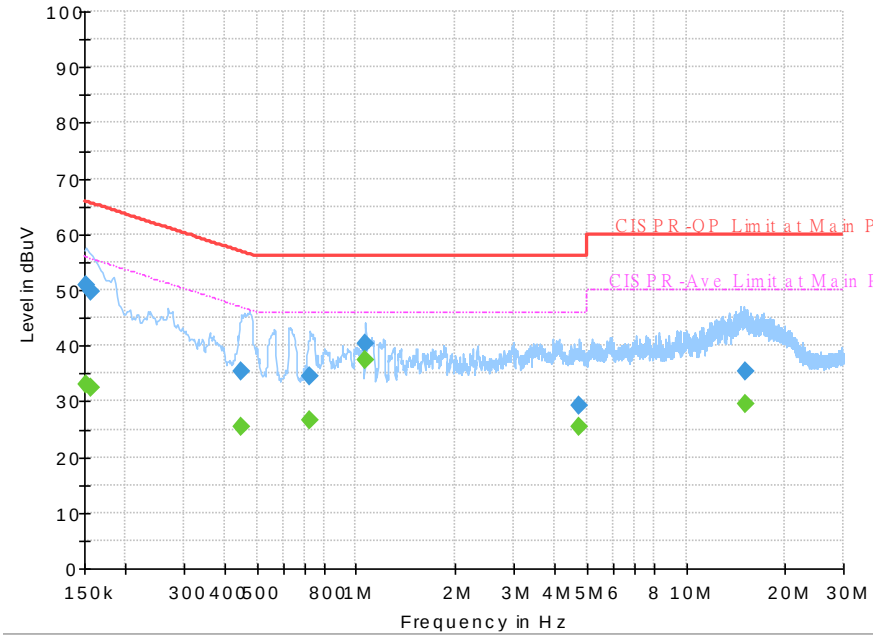
Test Mode :	Mode 1	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.629250	---	28.91	46.00	17.09	L1	OFF	19.6
0.629250	39.39	---	56.00	16.61	L1	OFF	19.6
0.712500	---	26.40	46.00	19.60	L1	OFF	19.6
0.712500	34.93	---	56.00	21.07	L1	OFF	19.6
1.065750	---	38.96	46.00	7.04	L1	OFF	19.6
1.065750	43.24	---	56.00	12.76	L1	OFF	19.6
2.319000	---	24.33	46.00	21.67	L1	OFF	19.5
2.319000	32.21	---	56.00	23.79	L1	OFF	19.5
4.681500	---	25.70	46.00	20.30	L1	OFF	19.7
4.681500	31.19	---	56.00	24.81	L1	OFF	19.7
15.605250	---	29.71	50.00	20.29	L1	OFF	20.1
15.605250	35.95	---	60.00	24.05	L1	OFF	20.1

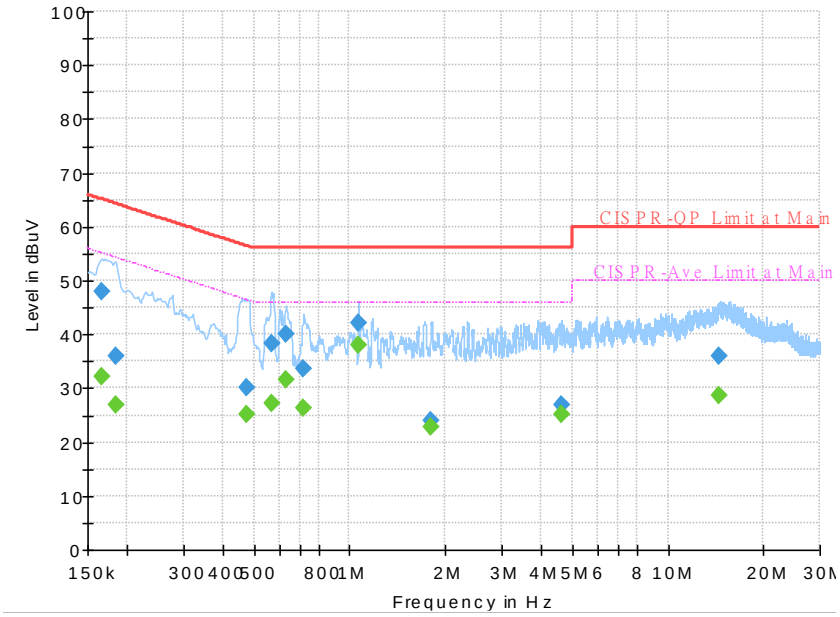
Test Mode :	Mode 1	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.07	55.88	22.81	N	OFF	19.5
0.152250	51.01	---	65.88	14.87	N	OFF	19.5
0.156750	---	32.51	55.63	23.12	N	OFF	19.5
0.156750	49.77	---	65.63	15.86	N	OFF	19.5
0.449250	---	25.48	46.89	21.41	N	OFF	19.5
0.449250	35.43	---	56.89	21.46	N	OFF	19.5
0.726000	---	26.62	46.00	19.38	N	OFF	19.6
0.726000	34.48	---	56.00	21.52	N	OFF	19.6
1.065750	---	37.28	46.00	8.72	N	OFF	19.6
1.065750	40.36	---	56.00	15.64	N	OFF	19.6
4.760250	---	25.51	46.00	20.49	N	OFF	19.7
4.760250	29.29	---	56.00	26.71	N	OFF	19.7
15.065250	---	29.40	50.00	20.60	N	OFF	20.1
15.065250	35.49	---	60.00	24.51	N	OFF	20.1

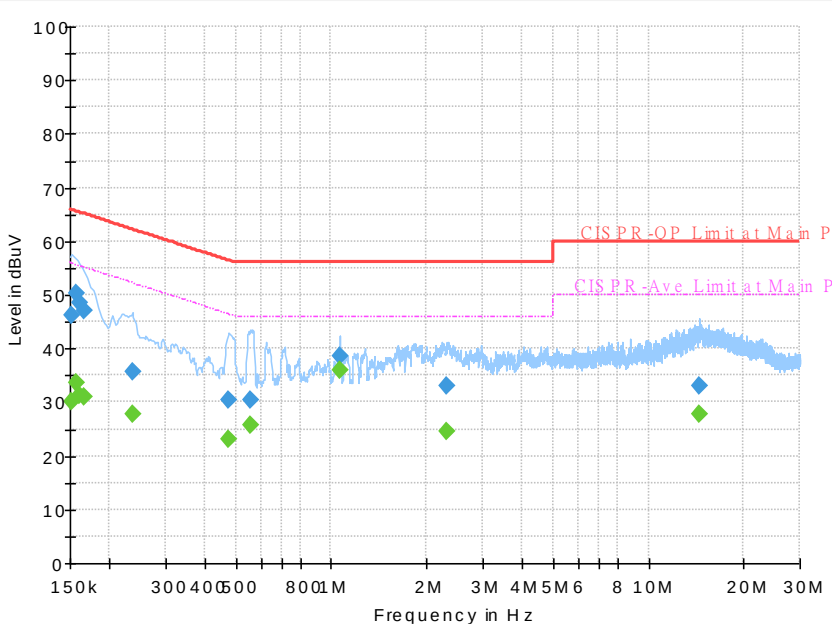
Test Mode :	Mode 2	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	32.06	55.17	23.11	L1	OFF	19.5
0.165750	47.90	---	65.17	17.27	L1	OFF	19.5
0.183750	---	26.89	54.31	27.42	L1	OFF	19.5
0.183750	35.96	---	64.31	28.35	L1	OFF	19.5
0.471750	---	25.04	46.48	21.44	L1	OFF	19.5
0.471750	30.22	---	56.48	26.26	L1	OFF	19.5
0.566250	---	27.31	46.00	18.69	L1	OFF	19.5
0.566250	38.45	---	56.00	17.55	L1	OFF	19.5
0.629250	---	31.54	46.00	14.46	L1	OFF	19.6
0.629250	40.08	---	56.00	15.92	L1	OFF	19.6
0.717000	---	26.41	46.00	19.59	L1	OFF	19.6
0.717000	33.54	---	56.00	22.46	L1	OFF	19.6
1.065750	---	38.06	46.00	7.94	L1	OFF	19.6
1.065750	42.14	---	56.00	13.86	L1	OFF	19.6
1.808250	---	22.88	46.00	23.12	L1	OFF	19.6
1.808250	23.96	---	56.00	32.04	L1	OFF	19.6
4.623000	---	25.05	46.00	20.95	L1	OFF	19.7
4.623000	26.84	---	56.00	29.16	L1	OFF	19.7
14.464500	---	28.56	50.00	21.44	L1	OFF	20.1
14.464500	35.98	---	60.00	24.02	L1	OFF	20.1

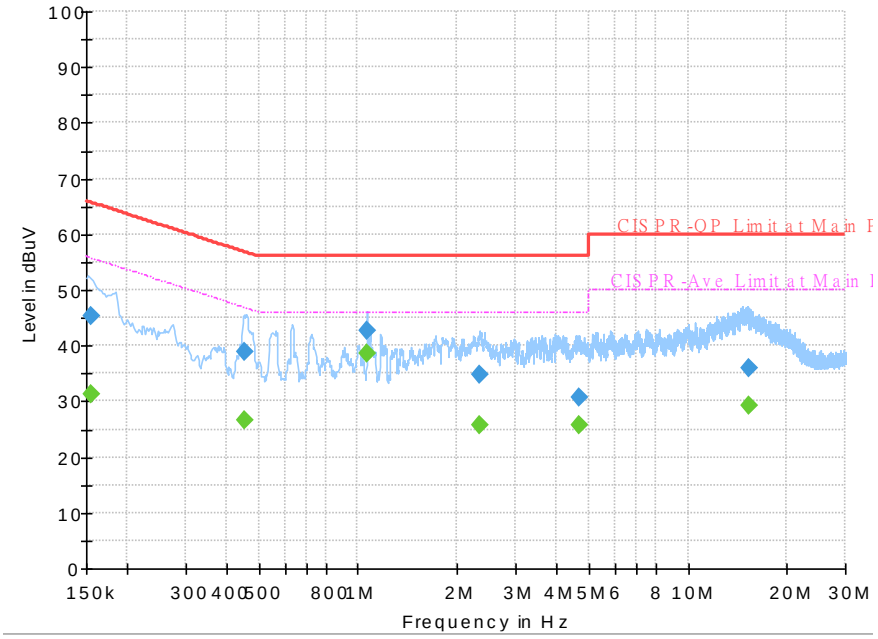
Test Mode :	Mode 2	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.11	55.88	25.77	N	OFF	19.5
0.152250	46.07	---	65.88	19.81	N	OFF	19.5
0.156750	---	33.65	55.63	21.98	N	OFF	19.5
0.156750	50.15	---	65.63	15.48	N	OFF	19.5
0.161250	---	31.22	55.40	24.18	N	OFF	19.5
0.161250	48.58	---	65.40	16.82	N	OFF	19.5
0.165750	---	30.92	55.17	24.25	N	OFF	19.5
0.165750	47.12	---	65.17	18.05	N	OFF	19.5
0.235500	---	27.86	52.25	24.39	N	OFF	19.5
0.235500	35.55	---	62.25	26.70	N	OFF	19.5
0.476250	---	23.14	46.40	23.26	N	OFF	19.5
0.476250	30.41	---	56.40	25.99	N	OFF	19.5
0.557250	---	25.78	46.00	20.22	N	OFF	19.5
0.557250	30.35	---	56.00	25.65	N	OFF	19.5
1.065750	---	36.03	46.00	9.97	N	OFF	19.6
1.065750	38.45	---	56.00	17.55	N	OFF	19.6
2.323500	---	24.61	46.00	21.39	N	OFF	19.5
2.323500	33.06	---	56.00	22.94	N	OFF	19.5
14.529750	---	27.81	50.00	22.19	N	OFF	20.1
14.529750	33.02	---	60.00	26.98	N	OFF	20.1

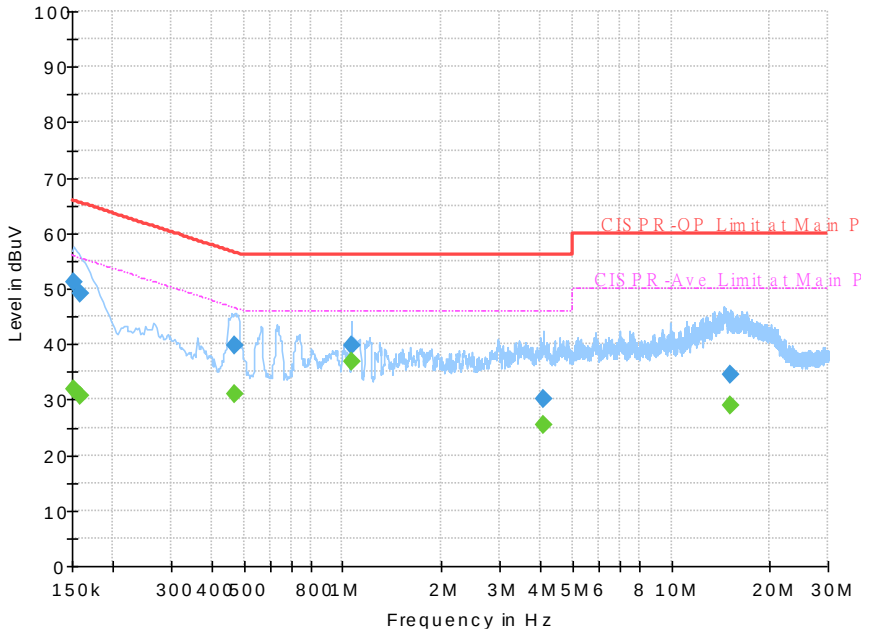
Test Mode :	Mode 3	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	31.19	55.75	24.56	L1	OFF	19.5
0.154500	45.35	---	65.75	20.40	L1	OFF	19.5
0.451500	---	26.60	46.85	20.25	L1	OFF	19.5
0.451500	38.77	---	56.85	18.08	L1	OFF	19.5
1.068000	---	38.53	46.00	7.47	L1	OFF	19.6
1.068000	42.82	---	56.00	13.18	L1	OFF	19.6
2.341500	---	25.75	46.00	20.25	L1	OFF	19.5
2.341500	34.85	---	56.00	21.15	L1	OFF	19.5
4.677000	---	25.65	46.00	20.35	L1	OFF	19.7
4.677000	30.56	---	56.00	25.44	L1	OFF	19.7
15.294750	---	29.19	50.00	20.81	L1	OFF	20.1
15.294750	35.86	---	60.00	24.14	L1	OFF	20.1

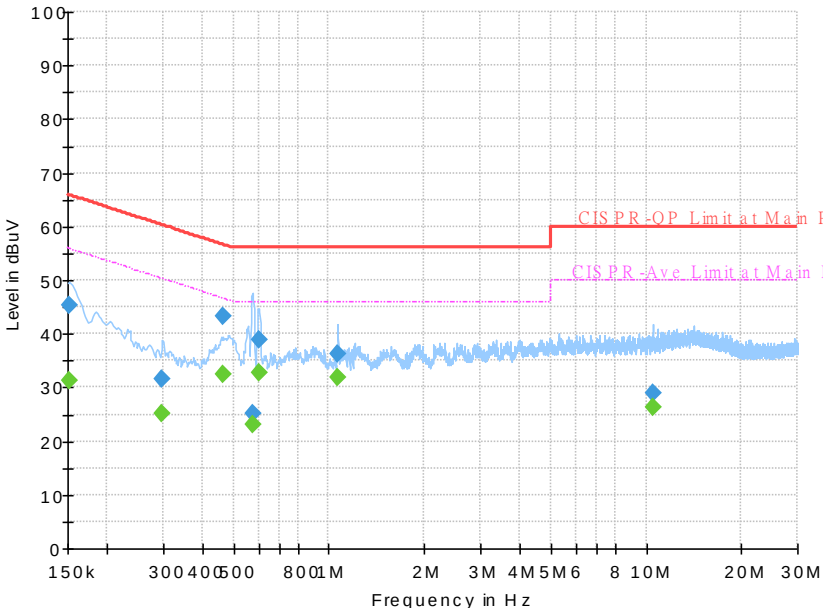
Test Mode :	Mode 3	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.97	55.88	23.91	N	OFF	19.5
0.152250	51.13	---	65.88	14.75	N	OFF	19.5
0.159000	---	30.82	55.52	24.70	N	OFF	19.5
0.159000	49.23	---	65.52	16.29	N	OFF	19.5
0.467250	---	30.89	46.56	15.67	N	OFF	19.5
0.467250	39.83	---	56.56	16.73	N	OFF	19.5
1.068000	---	36.81	46.00	9.19	N	OFF	19.6
1.068000	39.89	---	56.00	16.11	N	OFF	19.6
4.103250	---	25.41	46.00	20.59	N	OFF	19.7
4.103250	30.15	---	56.00	25.85	N	OFF	19.7
15.148500	---	28.82	50.00	21.18	N	OFF	20.1
15.148500	34.59	---	60.00	25.41	N	OFF	20.1

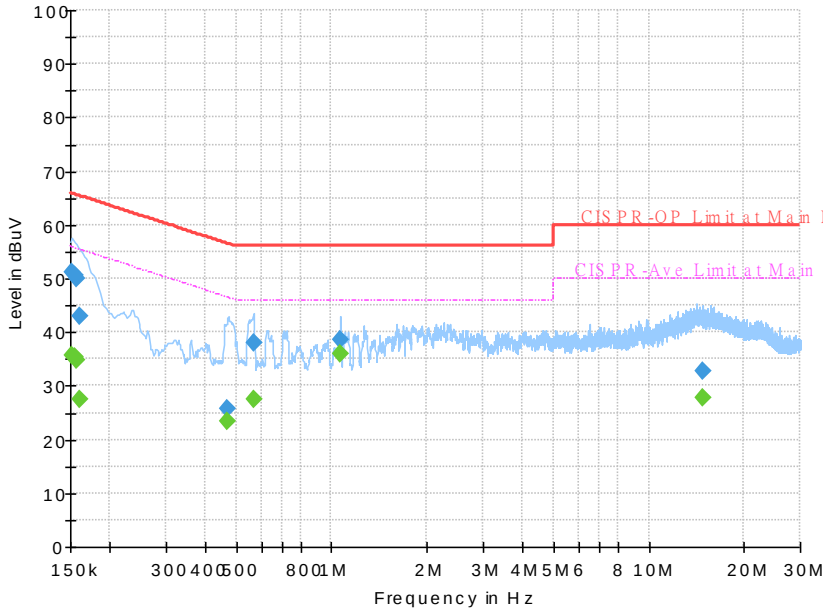
Test Mode :	Mode 4	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.21	55.88	24.67	L1	OFF	19.5
0.152250	45.27	---	65.88	20.61	L1	OFF	19.5
0.298500	---	25.20	50.28	25.08	L1	OFF	19.5
0.298500	31.64	---	60.28	28.64	L1	OFF	19.5
0.462750	---	32.42	46.64	14.22	L1	OFF	19.5
0.462750	43.37	---	56.64	13.27	L1	OFF	19.5
0.573000	---	23.11	46.00	22.89	L1	OFF	19.5
0.573000	25.26	---	56.00	30.74	L1	OFF	19.5
0.600000	---	32.62	46.00	13.38	L1	OFF	19.6
0.600000	38.91	---	56.00	17.09	L1	OFF	19.6
1.065750	---	32.00	46.00	14.00	L1	OFF	19.6
1.065750	36.34	---	56.00	19.66	L1	OFF	19.6
10.459500	---	26.20	50.00	23.80	L1	OFF	19.9
10.459500	29.09	---	60.00	30.91	L1	OFF	19.9

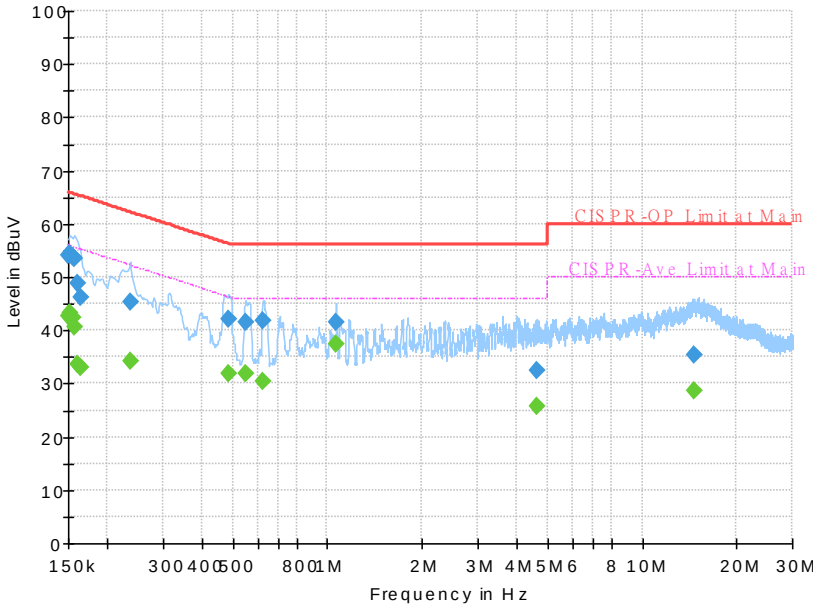
Test Mode :	Mode 4	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.54	55.88	20.34	N	OFF	19.5
0.152250	51.17	---	65.88	14.71	N	OFF	19.5
0.154500	---	35.45	55.75	20.30	N	OFF	19.5
0.154500	50.72	---	65.75	15.03	N	OFF	19.5
0.156750	---	34.84	55.63	20.79	N	OFF	19.5
0.156750	50.08	---	65.63	15.55	N	OFF	19.5
0.161250	---	27.61	55.40	27.79	N	OFF	19.5
0.161250	43.04	---	65.40	22.36	N	OFF	19.5
0.469500	---	23.31	46.52	23.21	N	OFF	19.5
0.469500	25.78	---	56.52	30.74	N	OFF	19.5
0.566250	---	27.37	46.00	18.63	N	OFF	19.5
0.566250	38.01	---	56.00	17.99	N	OFF	19.5
1.065750	---	36.05	46.00	9.95	N	OFF	19.6
1.065750	38.50	---	56.00	17.50	N	OFF	19.6
14.723250	---	27.73	50.00	22.27	N	OFF	20.1
14.723250	32.73	---	60.00	27.27	N	OFF	20.1

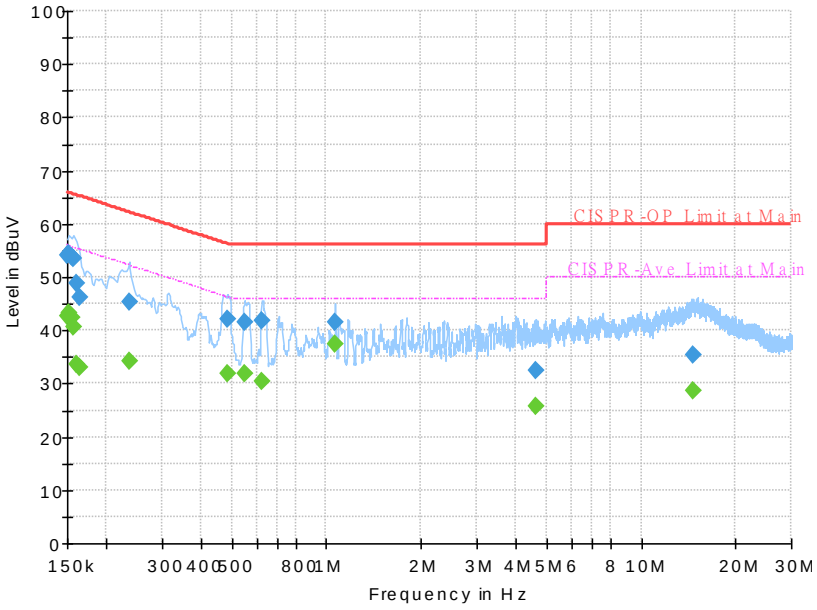
Test Mode :	Mode 5	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	42.75	56.00	13.25	L1	OFF	19.5
0.150000	54.09	---	66.00	11.91	L1	OFF	19.5
0.152250	---	43.37	55.88	12.51	L1	OFF	19.5
0.152250	54.29	---	65.88	11.59	L1	OFF	19.5
0.154500	---	42.38	55.75	13.37	L1	OFF	19.5
0.154500	53.69	---	65.75	12.06	L1	OFF	19.5
0.156750	---	40.70	55.63	14.93	L1	OFF	19.5
0.156750	53.38	---	65.63	12.25	L1	OFF	19.5
0.161250	---	33.71	55.40	21.69	L1	OFF	19.5
0.161250	48.92	---	65.40	16.48	L1	OFF	19.5
0.163500	---	33.01	55.28	22.27	L1	OFF	19.5
0.163500	46.05	---	65.28	19.23	L1	OFF	19.5
0.235500	---	34.19	52.25	18.06	L1	OFF	19.5
0.235500	45.20	---	62.25	17.05	L1	OFF	19.5

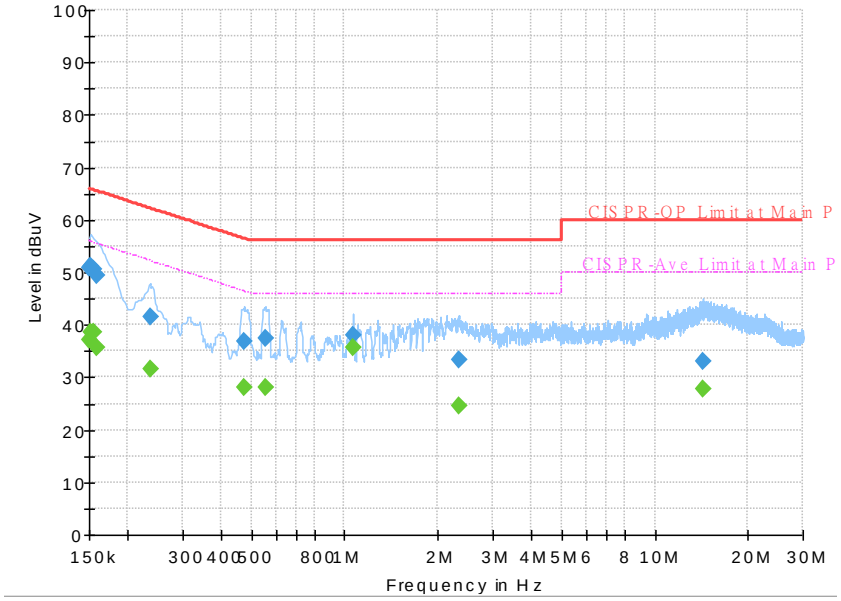
Test Mode :	Mode 5	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.550500	---	31.76	46.00	14.24	L1	OFF	19.5
0.550500	41.64	---	56.00	14.36	L1	OFF	19.5
0.622500	---	30.54	46.00	15.46	L1	OFF	19.6
0.622500	41.90	---	56.00	14.10	L1	OFF	19.6
1.068000	---	37.47	46.00	8.53	L1	OFF	19.6
1.068000	41.53	---	56.00	14.47	L1	OFF	19.6
4.632000	---	25.71	46.00	20.29	L1	OFF	19.7
4.632000	32.35	---	56.00	23.65	L1	OFF	19.7
14.601750	---	28.58	50.00	21.42	L1	OFF	20.1
14.601750	35.37	---	60.00	24.63	L1	OFF	20.1

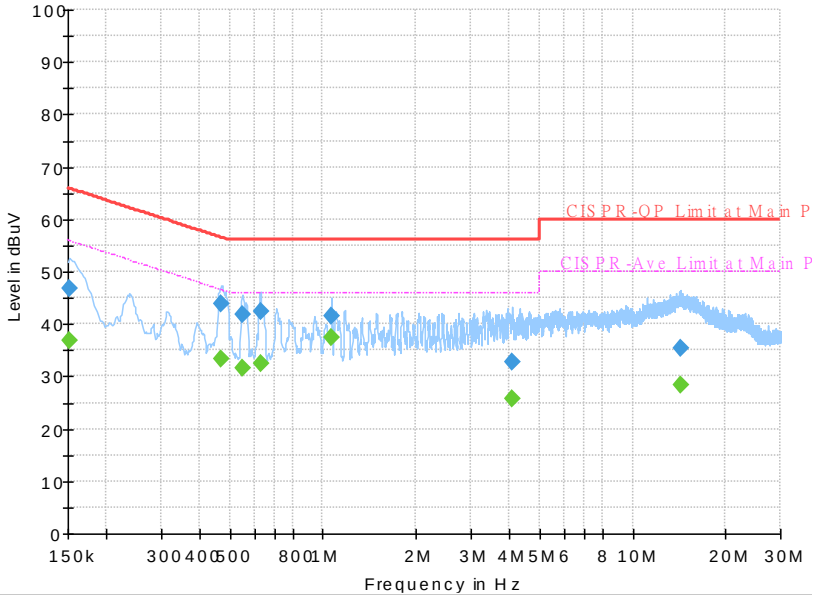
Test Mode :	Mode 5	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	37.14	56.00	18.86	N	OFF	19.5
0.150000	50.93	---	66.00	15.07	N	OFF	19.5
0.152250	---	38.50	55.88	17.38	N	OFF	19.5
0.152250	51.14	---	65.88	14.74	N	OFF	19.5
0.154500	---	38.53	55.75	17.22	N	OFF	19.5
0.154500	50.54	---	65.75	15.21	N	OFF	19.5
0.159000	---	35.67	55.52	19.85	N	OFF	19.5
0.159000	49.40	---	65.52	16.12	N	OFF	19.5
0.235500	---	31.58	52.25	20.67	N	OFF	19.5
0.235500	41.66	---	62.25	20.59	N	OFF	19.5
0.476250	---	27.97	46.40	18.43	N	OFF	19.5
0.476250	36.92	---	56.40	19.48	N	OFF	19.5
0.555000	---	28.06	46.00	17.94	N	OFF	19.5
0.555000	37.30	---	56.00	18.70	N	OFF	19.5
1.068000	---	35.58	46.00	10.42	N	OFF	19.6
1.068000	38.03	---	56.00	17.97	N	OFF	19.6
2.325750	---	24.60	46.00	21.40	N	OFF	19.5
2.325750	33.26	---	56.00	22.74	N	OFF	19.5
14.259750	---	27.88	50.00	22.12	N	OFF	20.1
14.259750	32.90	---	60.00	27.10	N	OFF	20.1

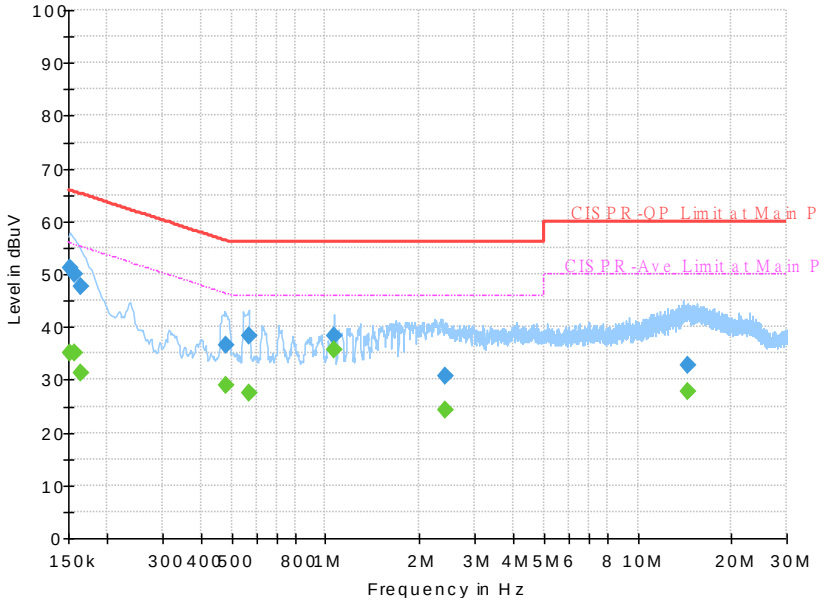
Test Mode :	Mode 6	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	36.70	55.88	19.18	L1	OFF	19.5
0.152250	46.66	---	65.88	19.22	L1	OFF	19.5
0.469500	---	33.22	46.52	13.30	L1	OFF	19.5
0.469500	43.89	---	56.52	12.63	L1	OFF	19.5
0.550500	---	31.65	46.00	14.35	L1	OFF	19.5
0.550500	41.81	---	56.00	14.19	L1	OFF	19.5
0.627000	---	32.37	46.00	13.63	L1	OFF	19.6
0.627000	42.42	---	56.00	13.58	L1	OFF	19.6
1.068000	---	37.35	46.00	8.65	L1	OFF	19.6
1.068000	41.51	---	56.00	14.49	L1	OFF	19.6
4.069500	---	25.75	46.00	20.25	L1	OFF	19.7
4.069500	32.75	---	56.00	23.25	L1	OFF	19.7
14.322750	---	28.35	50.00	21.65	L1	OFF	20.1
14.322750	35.28	---	60.00	24.72	L1	OFF	20.1

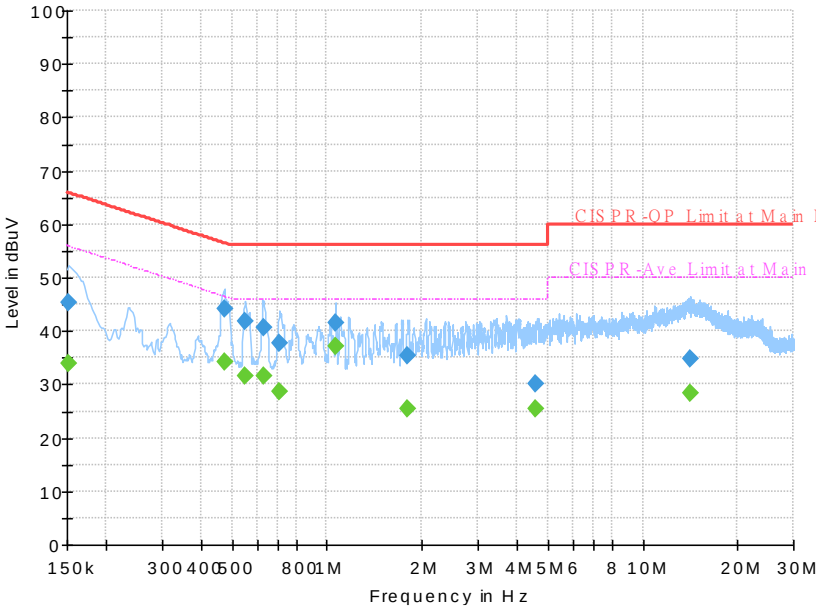
Test Mode :	Mode 6	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.17	55.88	20.71	N	OFF	19.5
0.152250	51.18	---	65.88	14.70	N	OFF	19.5
0.156750	---	35.06	55.63	20.57	N	OFF	19.5
0.156750	50.08	---	65.63	15.55	N	OFF	19.5
0.163500	---	31.17	55.28	24.11	N	OFF	19.5
0.163500	47.71	---	65.28	17.57	N	OFF	19.5
0.478500	---	29.05	46.37	17.32	N	OFF	19.5
0.478500	36.60	---	56.37	19.77	N	OFF	19.5
0.566250	---	27.54	46.00	18.46	N	OFF	19.5
0.566250	38.28	---	56.00	17.72	N	OFF	19.5
1.065750	---	35.77	46.00	10.23	N	OFF	19.6
1.065750	38.21	---	56.00	17.79	N	OFF	19.6
2.406750	---	24.25	46.00	21.75	N	OFF	19.6
2.406750	30.84	---	56.00	25.16	N	OFF	19.6
14.417250	---	27.64	50.00	22.36	N	OFF	20.1
14.417250	32.70	---	60.00	27.30	N	OFF	20.1

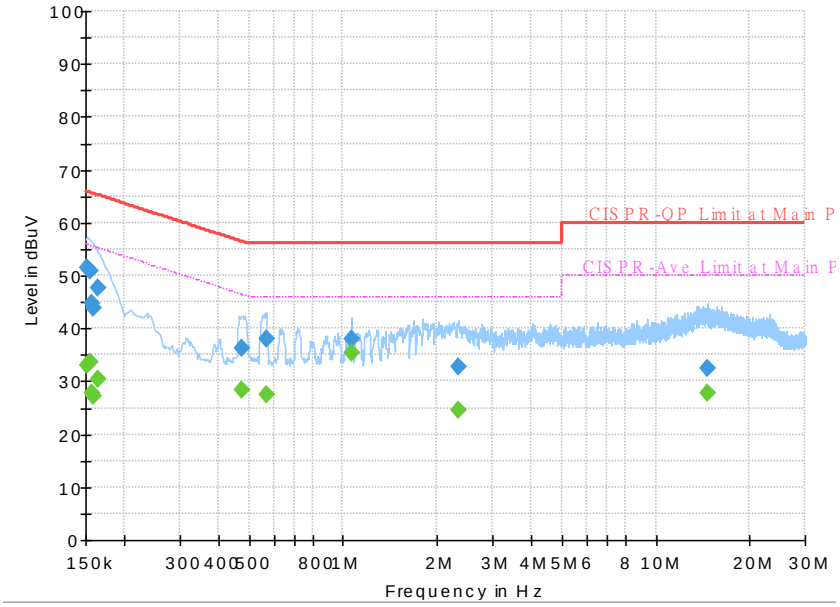
Test Mode :	Mode 7	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.03	55.88	21.85	L1	OFF	19.5
0.152250	45.44	---	65.88	20.44	L1	OFF	19.5
0.471750	---	34.11	46.48	12.37	L1	OFF	19.5
0.471750	44.16	---	56.48	12.32	L1	OFF	19.5
0.550500	---	31.70	46.00	14.30	L1	OFF	19.5
0.550500	41.90	---	56.00	14.10	L1	OFF	19.5
0.631500	---	31.71	46.00	14.29	L1	OFF	19.6
0.631500	40.70	---	56.00	15.30	L1	OFF	19.6
0.710250	---	28.73	46.00	17.27	L1	OFF	19.6
0.710250	37.80	---	56.00	18.20	L1	OFF	19.6
1.068000	---	37.20	46.00	8.80	L1	OFF	19.6
1.068000	41.51	---	56.00	14.49	L1	OFF	19.6
1.799250	---	25.34	46.00	20.66	L1	OFF	19.6
1.799250	35.42	---	56.00	20.58	L1	OFF	19.6
4.569000	---	25.47	46.00	20.53	L1	OFF	19.7
4.569000	30.23	---	56.00	25.77	L1	OFF	19.7
14.118000	---	28.34	50.00	21.66	L1	OFF	20.1
14.118000	34.65	---	60.00	25.35	L1	OFF	20.1

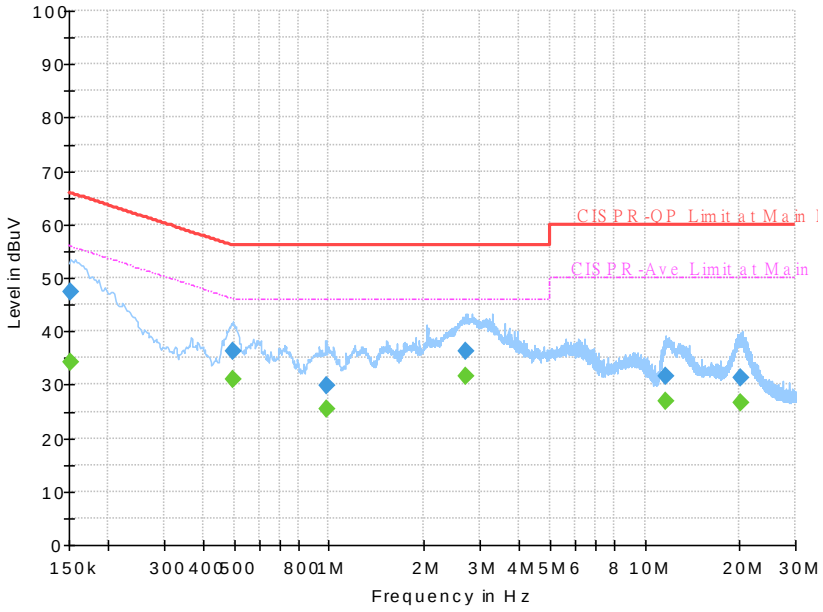
Test Mode :	Mode 7	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.06	55.88	22.82	N	OFF	19.5
0.152250	51.35	---	65.88	14.53	N	OFF	19.5
0.154500	---	33.75	55.75	22.00	N	OFF	19.5
0.154500	50.76	---	65.75	14.99	N	OFF	19.5
0.156750	---	27.67	55.63	27.96	N	OFF	19.5
0.156750	44.69	---	65.63	20.94	N	OFF	19.5
0.159000	---	27.32	55.52	28.20	N	OFF	19.5
0.159000	43.77	---	65.52	21.75	N	OFF	19.5
0.163500	---	30.40	55.28	24.88	N	OFF	19.5
0.163500	47.76	---	65.28	17.52	N	OFF	19.5
0.474000	---	28.41	46.44	18.03	N	OFF	19.5
0.474000	36.24	---	56.44	20.20	N	OFF	19.5
0.566250	---	27.37	46.00	18.63	N	OFF	19.5
0.566250	38.11	---	56.00	17.89	N	OFF	19.5
1.068000	---	35.47	46.00	10.53	N	OFF	19.6
1.068000	37.92	---	56.00	18.08	N	OFF	19.6
2.339250	---	24.45	46.00	21.55	N	OFF	19.5
2.339250	32.75	---	56.00	23.25	N	OFF	19.5
14.599500	---	27.71	50.00	22.29	N	OFF	20.1
14.599500	32.38	---	60.00	27.62	N	OFF	20.1

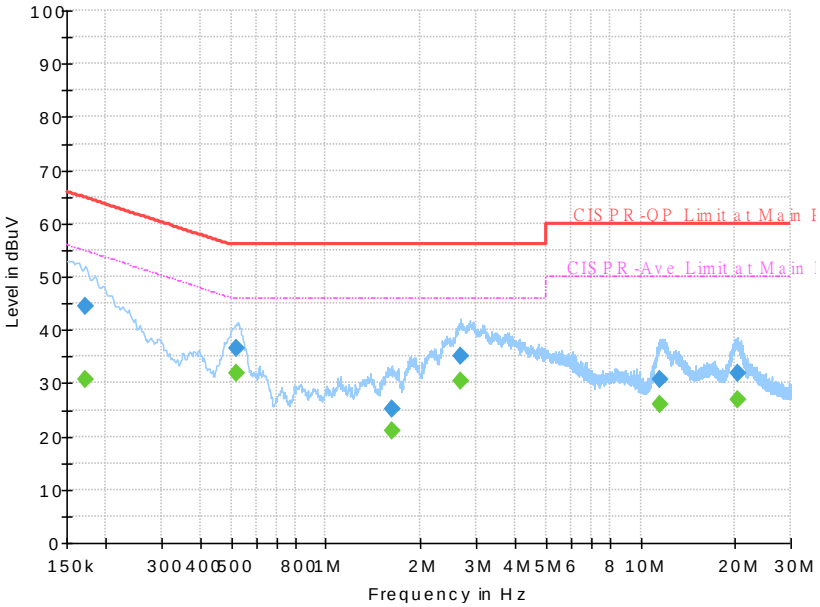
Test Mode :	Mode 8	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.31	55.88	21.57	L1	OFF	19.5
0.152250	47.28	---	65.88	18.60	L1	OFF	19.5
0.496500	---	31.08	46.06	14.98	L1	OFF	19.5
0.496500	36.11	---	56.06	19.95	L1	OFF	19.5
0.980250	---	25.34	46.00	20.66	L1	OFF	19.5
0.980250	29.97	---	56.00	26.03	L1	OFF	19.5
2.706000	---	31.60	46.00	14.40	L1	OFF	19.5
2.706000	36.38	---	56.00	19.62	L1	OFF	19.5
11.690250	---	26.94	50.00	23.06	L1	OFF	19.7
11.690250	31.51	---	60.00	28.49	L1	OFF	19.7
20.087250	---	26.61	50.00	23.39	L1	OFF	19.8
20.087250	31.39	---	60.00	28.61	L1	OFF	19.8

Test Mode :	Mode 8	Temperature :	22~26℃
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

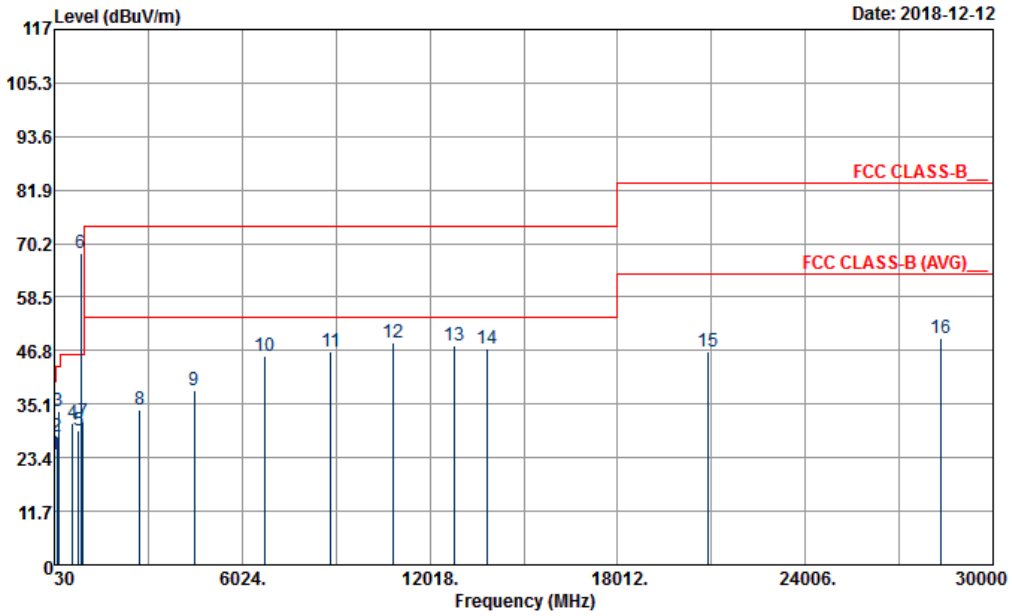


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	30.68	54.84	24.16	N	OFF	19.5
0.172500	44.41	---	64.84	20.43	N	OFF	19.5
0.521250	---	31.76	46.00	14.24	N	OFF	19.5
0.521250	36.63	---	56.00	19.37	N	OFF	19.5
1.614750	---	21.07	46.00	24.93	N	OFF	19.6
1.614750	25.19	---	56.00	30.81	N	OFF	19.6
2.681250	---	30.44	46.00	15.56	N	OFF	19.5
2.681250	35.21	---	56.00	20.79	N	OFF	19.5
11.566500	---	26.08	50.00	23.92	N	OFF	19.7
11.566500	30.65	---	60.00	29.35	N	OFF	19.7
20.253750	---	26.94	50.00	23.06	N	OFF	19.9
20.253750	31.80	---	60.00	28.20	N	OFF	19.9

Appendix B. Radiated Emission Test Result

Mode :	Mode 1	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

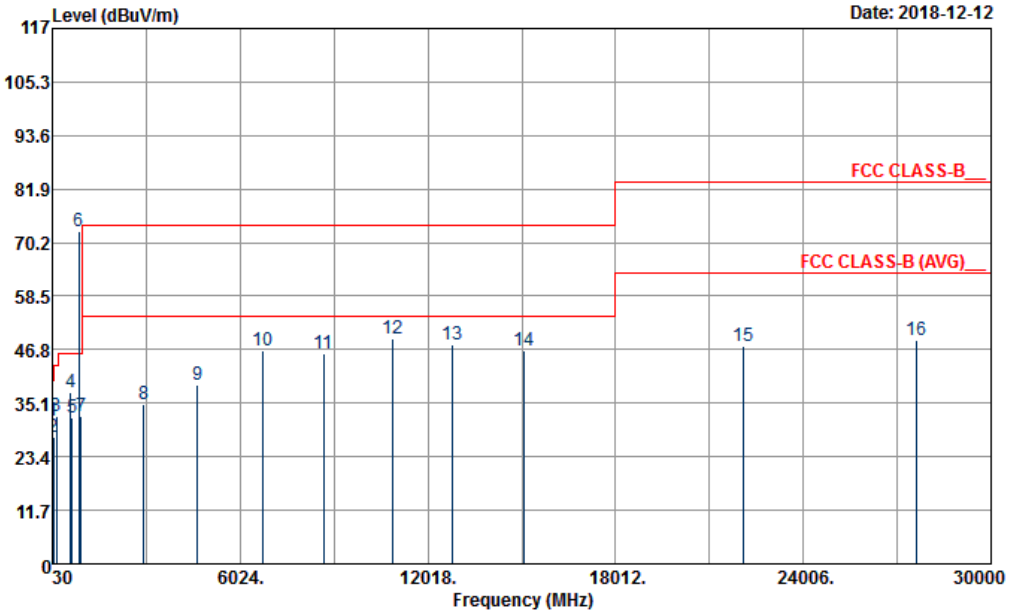


Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 HORIZONTAL

Power : 120Vac/60Hz

		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		44.58	24.23	-15.77	40.00	38.81	16.34	0.84	31.76	---	---	Peak
2		120.99	28.02	-15.48	43.50	40.91	17.48	1.36	31.73	---	---	Peak
3		168.51	33.62	-9.88	43.50	48.54	15.37	1.43	31.72	100	188	Peak
4		613.60	30.90	-15.10	46.00	34.00	25.83	3.01	31.94	---	---	Peak
5		806.10	29.32	-16.68	46.00	29.55	28.12	3.50	31.85	---	---	Peak
6	*	869.10	68.04			66.93	29.08	3.61	31.58	---	---	Peak
7		954.50	31.39	-14.61	46.00	27.76	30.61	3.98	30.96	---	---	Peak
8		2766.00	33.83	-40.17	74.00	59.77	28.07	6.86	61.26	---	---	Peak
9		4500.00	38.25	-35.75	74.00	58.24	30.50	9.46	60.50	---	---	Peak
10		6762.00	45.67	-28.33	74.00	55.30	34.40	13.66	58.65	---	---	Peak
11		8862.00	46.71	-27.29	74.00	51.23	38.00	13.78	57.75	---	---	Peak
12		10826.00	48.65	-25.35	74.00	48.94	40.33	15.06	56.88	100	185	Peak
13		12816.00	47.80	-26.20	74.00	49.50	39.12	16.75	58.72	---	---	Peak
14		13860.00	47.37	-26.63	74.00	46.89	40.40	18.00	57.92	---	---	Peak
15		20892.00	46.60	-36.94	83.54	44.39	37.70	14.96	50.45	---	---	Peak
16		28356.00	49.68	-33.86	83.54	42.95	39.75	17.68	50.70	---	---	Peak

Mode :	Mode 1	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

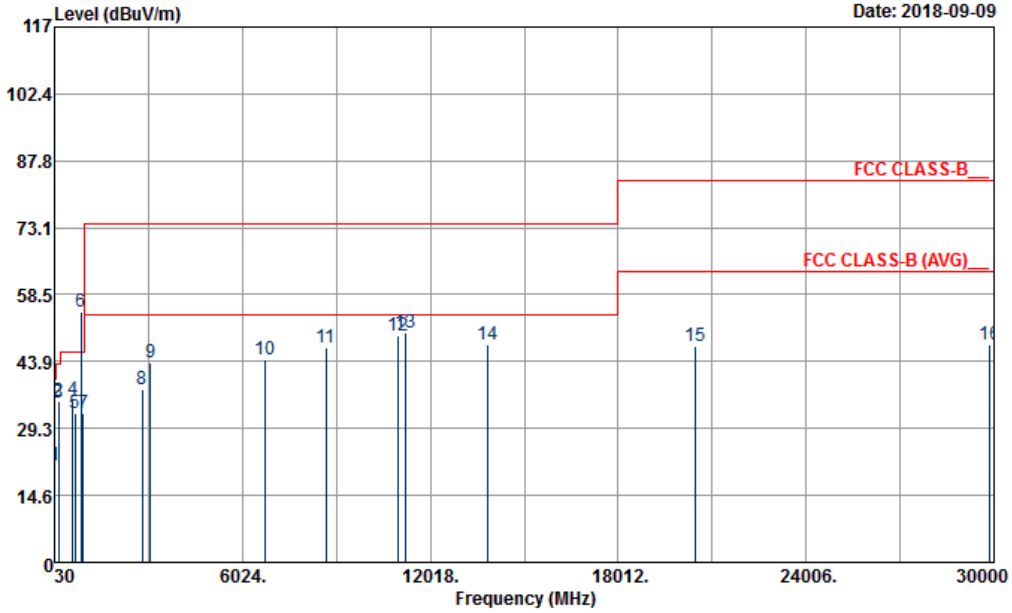


Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 VERTICAL

Power : 120Vac/60Hz

		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		43.50	31.17	-8.83	40.00	45.25	16.84	0.84	31.76	---	---	Peak
2		75.90	27.79	-12.21	40.00	45.91	12.59	1.03	31.74	---	---	Peak
3		167.43	32.37	-11.13	43.50	47.20	15.46	1.43	31.72	---	---	Peak
4		615.70	37.60	-8.40	46.00	40.62	25.88	3.04	31.94	100	104	Peak
5		657.00	31.95	-14.05	46.00	34.78	26.07	3.07	31.97	---	---	Peak
6	*	869.10	72.64			71.53	29.08	3.61	31.58	---	---	Peak
7		939.80	32.38	-13.62	46.00	29.36	30.32	3.79	31.09	---	---	Peak
8		2942.00	34.85	-39.15	74.00	60.22	28.43	7.10	61.37	---	---	Peak
9		4658.00	39.21	-34.79	74.00	58.02	31.00	9.46	59.83	---	---	Peak
10		6740.00	46.76	-27.24	74.00	56.61	34.40	13.48	58.65	---	---	Peak
11		8694.00	45.87	-28.13	74.00	50.64	37.60	13.82	57.54	---	---	Peak
12		10874.00	49.31	-24.69	74.00	49.42	40.38	15.09	56.78	100	112	Peak
13		12812.00	48.04	-25.96	74.00	49.74	39.12	16.75	58.72	---	---	Peak
14		15102.00	46.47	-27.53	74.00	45.00	40.30	18.64	57.47	---	---	Peak
15		22092.00	47.64	-35.90	83.54	44.72	37.92	15.38	50.38	---	---	Peak
16		27636.00	48.78	-34.76	83.54	42.42	39.53	17.38	50.55	---	---	Peak

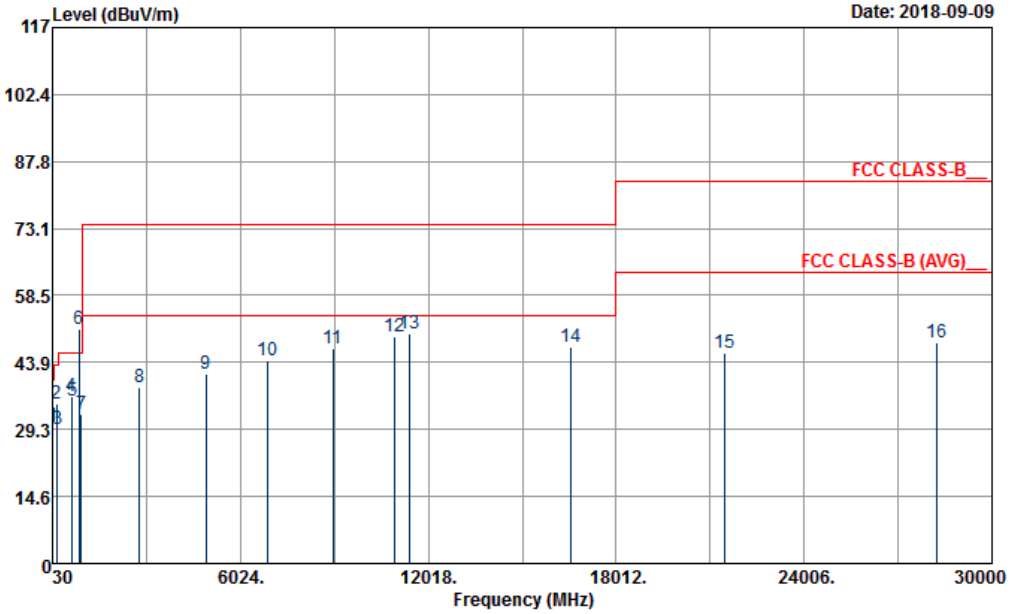
Mode :	Mode 2	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : 120Vac/60Hz

		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		30.00	21.31	-18.69	40.00	28.20	24.17	0.71	31.77	---	---	Peak
2		160.95	35.29	-8.21	43.50	49.15	16.20	1.66	31.72	100	23	Peak
3		166.35	34.79	-8.71	43.50	49.15	15.67	1.69	31.72	---	---	Peak
4		610.80	35.47	-10.53	46.00	38.60	25.49	3.32	31.94	---	---	Peak
5		683.60	32.64	-13.36	46.00	34.68	26.39	3.56	31.99	---	---	Peak
6	*	881.70	54.70			53.00	29.10	4.12	31.52	---	---	Peak
7		958.70	32.69	-13.31	46.00	28.43	31.02	4.16	30.92	---	---	Peak
8		2822.00	37.88	-36.12	74.00	63.23	28.20	7.74	61.29	---	---	Peak
9		3086.00	43.79	-30.21	74.00	68.20	28.73	8.29	61.43	---	---	Peak
10		6732.00	44.30	-29.70	74.00	55.86	34.37	12.73	58.66	---	---	Peak
11		8700.00	47.00	-27.00	74.00	52.13	37.60	14.81	57.54	---	---	Peak
12		10988.00	49.67	-24.33	74.00	48.87	40.50	16.83	56.53	---	---	Peak
13		11236.00	50.35	-23.65	74.00	49.72	39.77	17.17	56.31	100	165	Peak
14		13842.00	47.50	-26.50	74.00	44.67	40.41	19.79	57.37	---	---	Peak
15		20460.00	47.13	-36.41	83.54	42.11	37.71	17.72	50.41	---	---	Peak
16		29844.00	47.65	-35.89	83.54	35.79	40.46	22.24	50.84	---	---	Peak

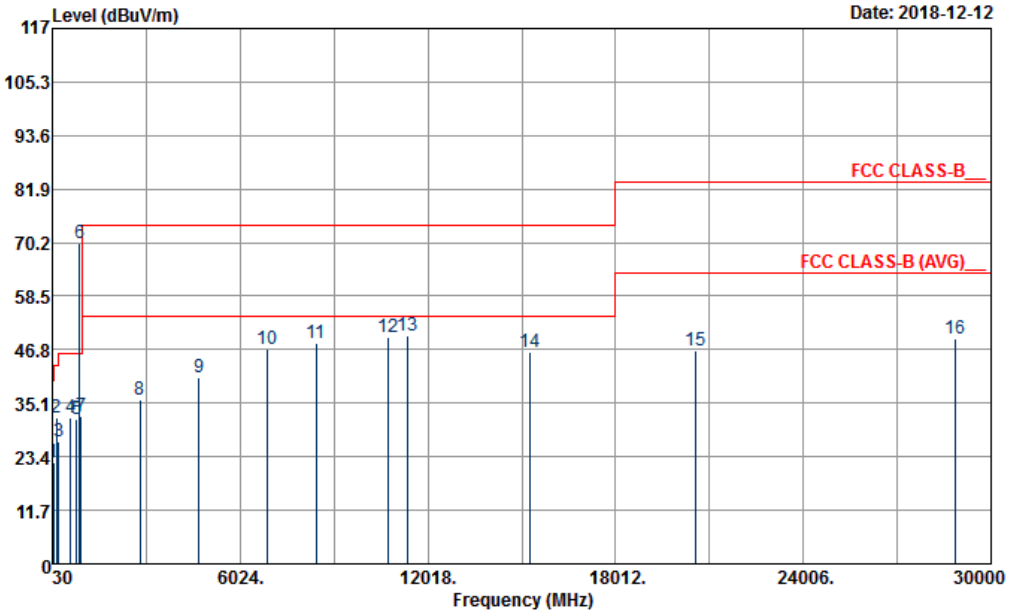
Mode :	Mode 2	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B_ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : 120Vac/60Hz

		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		34.59	29.90	-10.10	40.00	39.07	21.84	0.76	31.77	---	---	Peak
2		157.71	34.81	-8.69	43.50	48.52	16.36	1.65	31.72	100	0	Peak
3		187.68	29.37	-14.13	43.50	44.67	14.59	1.82	31.71	---	---	Peak
4		638.10	36.53	-9.47	46.00	38.78	26.27	3.44	31.96	---	---	Peak
5		671.70	35.58	-10.42	46.00	37.75	26.27	3.54	31.98	---	---	Peak
6	*	881.70	51.21			49.51	29.10	4.12	31.52	---	---	Peak
7		952.40	32.63	-13.37	46.00	28.77	30.71	4.13	30.98	---	---	Peak
8		2798.00	38.32	-35.68	74.00	63.72	28.20	7.68	61.28	---	---	Peak
9		4932.00	41.54	-32.46	74.00	58.18	31.27	10.70	58.61	---	---	Peak
10		6910.00	44.46	-29.54	74.00	55.16	35.03	12.89	58.62	---	---	Peak
11		8964.00	46.86	-27.14	74.00	52.33	37.50	14.90	57.87	---	---	Peak
12		10932.00	49.62	-24.38	74.00	49.13	40.43	16.72	56.66	---	---	Peak
13		11434.00	50.19	-23.81	74.00	49.05	39.83	17.47	56.16	100	158	Peak
14		16578.00	47.18	-26.82	74.00	42.70	38.77	21.44	55.73	---	---	Peak
15		21492.00	45.86	-37.68	83.54	39.45	38.10	18.71	50.40	---	---	Peak
16		28260.00	48.37	-35.17	83.54	37.22	40.20	21.40	50.45	---	---	Peak

Mode :	Mode 3	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

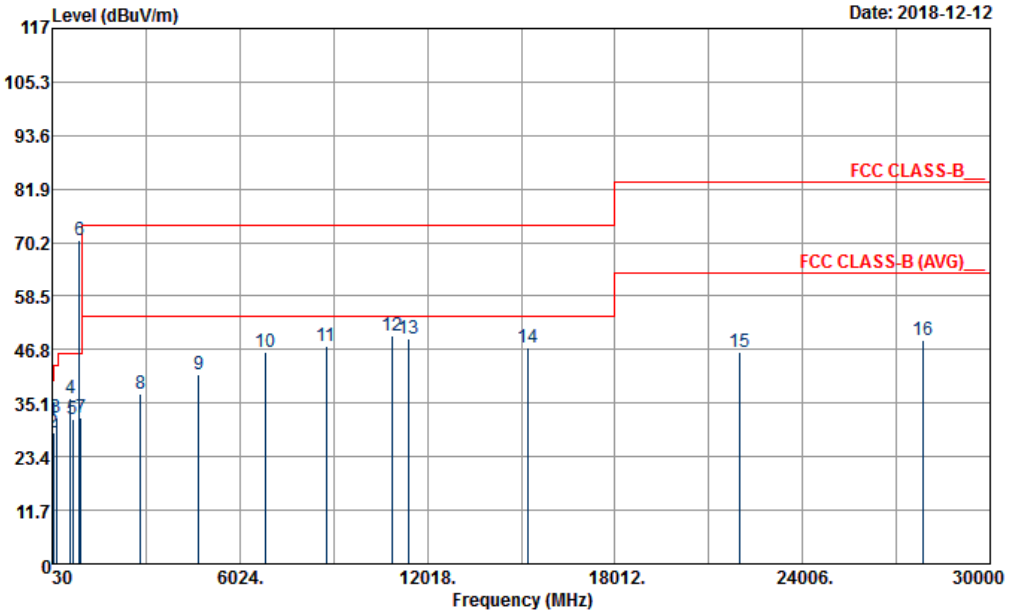


Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 HORIZONTAL

Power : 120Vac/60Hz

		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		75.63	22.06	-17.94	40.00	40.18	12.59	1.03	31.74	---	---	Peak
2		168.51	31.84	-11.66	43.50	46.76	15.37	1.43	31.72	100	116	Peak
3		221.70	26.88	-19.12	46.00	41.80	15.17	1.62	31.71	---	---	Peak
4		611.50	32.00	-14.00	46.00	35.18	25.75	3.01	31.94	---	---	Peak
5		801.20	31.52	-14.48	46.00	31.91	27.99	3.50	31.88	---	---	Peak
6	*	893.60	69.96			68.74	29.02	3.67	31.47	---	---	Peak
7		958.70	32.12	-13.88	46.00	28.35	30.71	3.98	30.92	---	---	Peak
8		2828.00	35.72	-38.28	74.00	61.47	28.20	6.95	61.30	---	---	Peak
9		4722.00	40.74	-33.26	74.00	59.09	31.00	9.62	59.52	---	---	Peak
10		6884.00	47.06	-26.94	74.00	56.03	34.90	13.84	58.62	---	---	Peak
11		8456.00	48.17	-25.83	74.00	53.72	36.87	13.62	57.34	---	---	Peak
12		10746.00	49.56	-24.44	74.00	50.36	40.06	15.01	57.07	---	---	Peak
13		11372.00	49.85	-24.15	74.00	49.69	39.77	15.41	56.20	100	115	Peak
14		15273.00	46.43	-27.57	74.00	45.50	39.30	18.72	57.09	---	---	Peak
15		20544.00	46.52	-37.02	83.54	44.56	37.70	14.84	50.58	---	---	Peak
16		28848.00	49.05	-34.49	83.54	41.99	40.01	17.89	50.84	---	---	Peak

Mode :	Mode 3	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

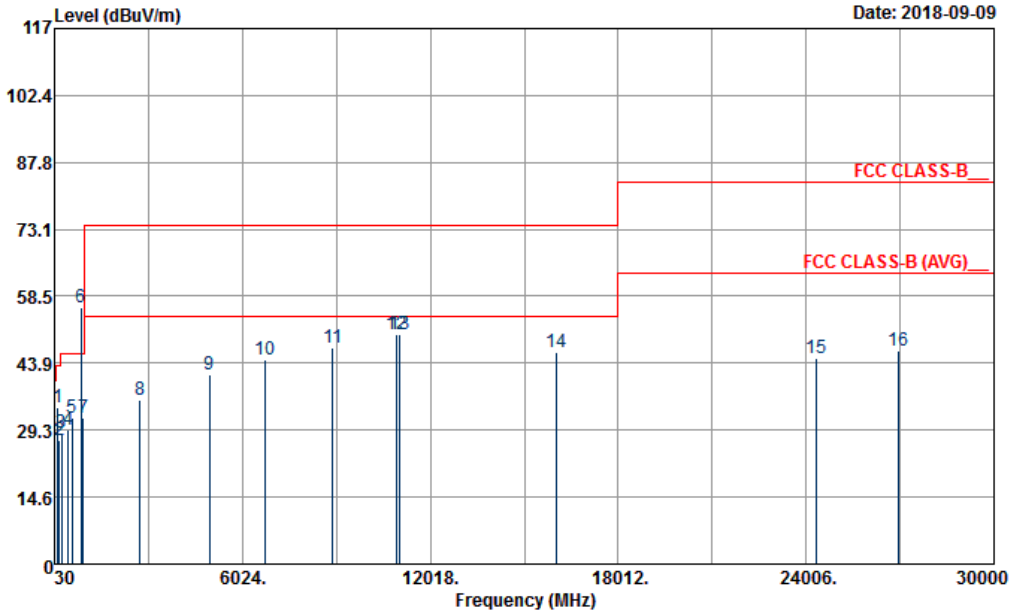


Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 VERTICAL

Power : 120Vac/60Hz

		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		43.50	31.16	-8.84	40.00	45.24	16.84	0.84	31.76	100	184	Peak
2		75.63	28.78	-11.22	40.00	46.90	12.59	1.03	31.74	---	---	Peak
3		166.35	32.01	-11.49	43.50	46.76	15.54	1.43	31.72	---	---	Peak
4		613.60	36.14	-9.86	46.00	39.24	25.83	3.01	31.94	---	---	Peak
5		678.00	31.60	-14.40	46.00	34.09	26.32	3.17	31.98	---	---	Peak
6	*	893.60	70.63			69.41	29.02	3.67	31.47	---	---	Peak
7		950.30	31.81	-14.19	46.00	28.51	30.51	3.79	31.00	---	---	Peak
8		2852.00	37.11	-36.89	74.00	62.82	28.20	6.99	61.31	---	---	Peak
9		4704.00	41.42	-32.58	74.00	59.87	31.00	9.57	59.58	---	---	Peak
10		6828.00	46.22	-27.78	74.00	55.30	34.60	13.96	58.64	---	---	Peak
11		8778.00	47.53	-26.47	74.00	52.07	37.97	13.71	57.64	---	---	Peak
12		10886.00	49.76	-24.24	74.00	49.82	40.40	15.09	56.75	100	124	Peak
13		11402.00	49.17	-24.83	74.00	48.95	39.80	15.42	56.18	---	---	Peak
14		15246.00	47.31	-26.69	74.00	46.27	39.50	18.71	57.17	---	---	Peak
15		21984.00	46.13	-37.41	83.54	43.29	37.90	15.34	50.40	---	---	Peak
16		27840.00	48.96	-34.58	83.54	42.56	39.57	17.46	50.63	---	---	Peak

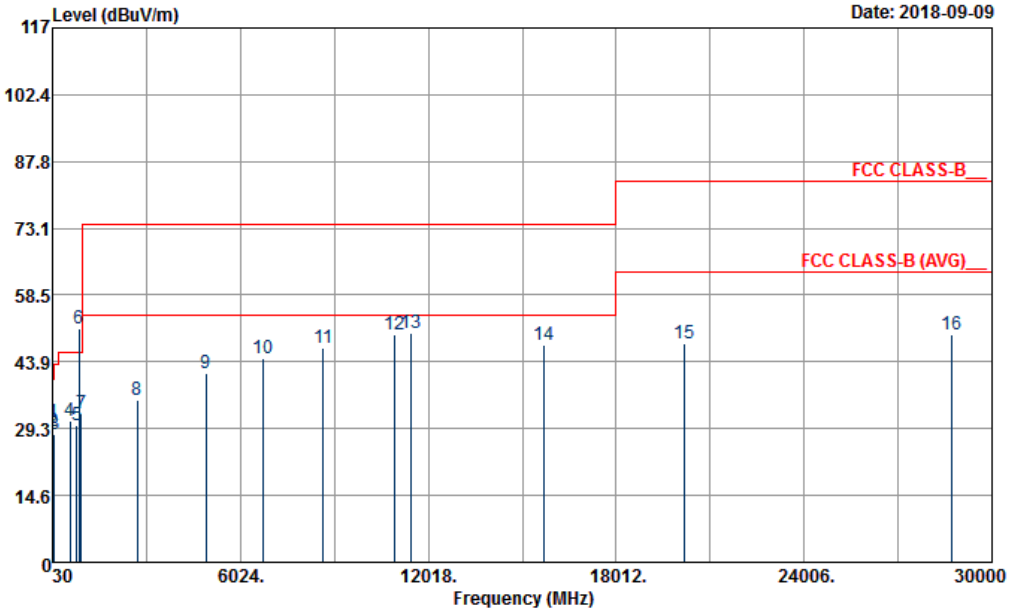
Mode :	Mode 4	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : 12Vdc

		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		137.46	34.27	-9.23	43.50	47.25	17.19	1.55	31.72	100	74	Peak
2		189.30	27.05	-16.45	43.50	42.34	14.59	1.83	31.71	---	---	Peak
3		248.43	28.56	-17.44	46.00	39.93	18.18	2.15	31.70	---	---	Peak
4		477.80	29.33	-16.67	46.00	34.73	23.42	2.98	31.80	---	---	Peak
5		591.90	31.86	-14.14	46.00	35.10	25.42	3.26	31.92	---	---	Peak
6	*	881.70	56.13			54.43	29.10	4.12	31.52	---	---	Peak
7		954.50	32.00	-14.00	46.00	28.01	30.81	4.14	30.96	---	---	Peak
8		2762.00	35.69	-38.31	74.00	61.27	28.07	7.61	61.26	---	---	Peak
9		4982.00	41.52	-32.48	74.00	57.85	31.37	10.72	58.42	---	---	Peak
10		6738.00	44.62	-29.38	74.00	56.08	34.40	12.79	58.65	---	---	Peak
11		8914.00	47.16	-26.84	74.00	52.45	37.63	14.88	57.80	---	---	Peak
12		10928.00	50.07	-23.93	74.00	49.58	40.43	16.72	56.66	---	---	Peak
13		11054.00	50.23	-23.77	74.00	49.48	40.30	16.91	56.46	100	177	Peak
14		16056.00	46.17	-27.83	74.00	43.72	37.62	20.96	56.13	---	---	Peak
15		24312.00	44.88	-38.66	83.54	37.17	39.08	19.16	50.53	---	---	Peak
16		26952.00	46.66	-36.88	83.54	37.00	39.77	20.26	50.37	---	---	Peak

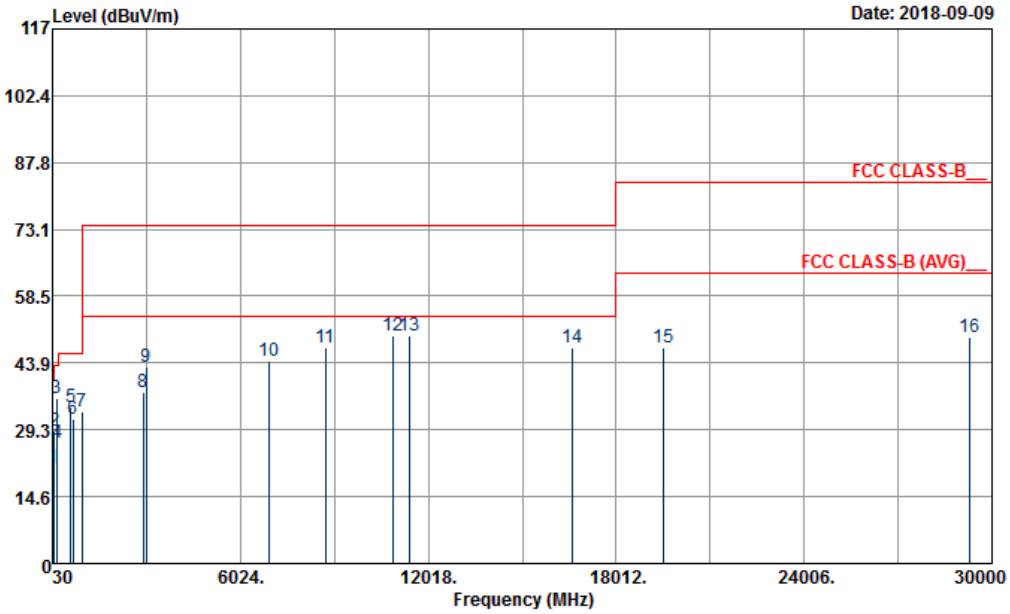
Mode :	Mode 4	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : 12Vdc

		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		30.00	30.64	-9.36	40.00	37.53	24.17	0.71	31.77	100	33	Peak
2		38.37	28.66	-11.34	40.00	39.91	19.74	0.78	31.77	---	---	Peak
3		86.43	28.07	-11.93	40.00	44.58	13.99	1.24	31.74	---	---	Peak
4		591.90	30.91	-15.09	46.00	34.15	25.42	3.26	31.92	---	---	Peak
5		798.40	29.87	-16.13	46.00	29.73	28.12	3.90	31.88	---	---	Peak
6	*	881.70	51.11			49.41	29.10	4.12	31.52	---	---	Peak
7		942.60	32.48	-13.52	46.00	29.21	30.20	4.13	31.06	---	---	Peak
8		2732.00	35.55	-38.45	74.00	61.24	27.97	7.58	61.24	---	---	Peak
9		4932.00	41.49	-32.51	74.00	58.13	31.27	10.70	58.61	---	---	Peak
10		6748.00	44.57	-29.43	74.00	56.03	34.40	12.79	58.65	---	---	Peak
11		8674.00	46.91	-27.09	74.00	52.15	37.47	14.80	57.51	---	---	Peak
12		10932.00	49.73	-24.27	74.00	49.24	40.43	16.72	56.66	---	---	Peak
13		11456.00	50.28	-23.72	74.00	49.05	39.85	17.51	56.13	100	172	Peak
14		15705.00	47.42	-26.58	74.00	45.03	38.01	20.76	56.38	---	---	Peak
15		20184.00	48.02	-35.52	83.54	43.27	37.77	17.45	50.47	---	---	Peak
16		28716.00	49.97	-33.57	83.54	38.32	40.50	21.64	50.49	---	---	Peak

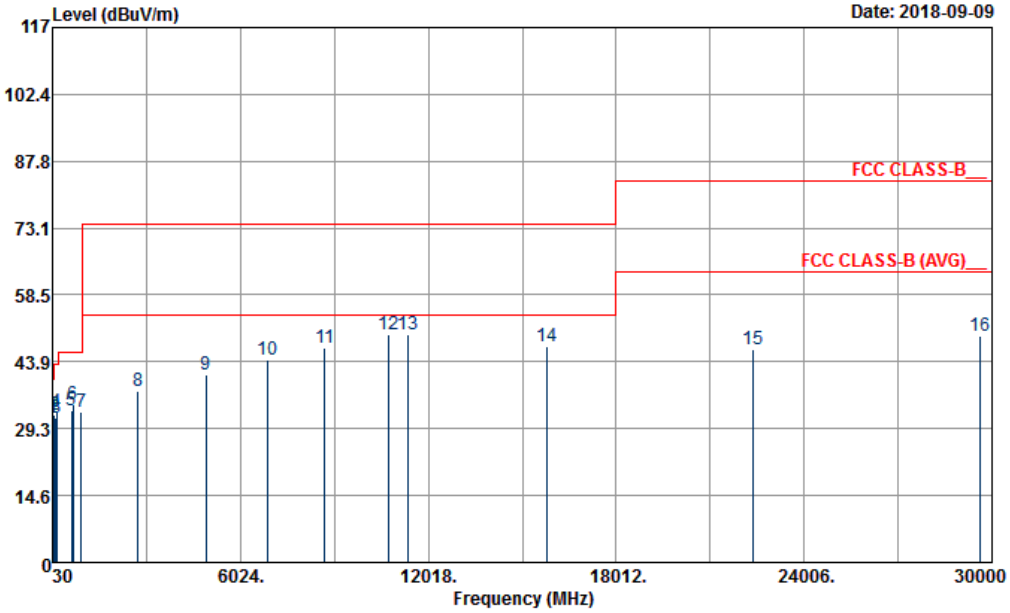
Mode :	Mode 5	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : 120Vac/60Hz

	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	31.62	20.81	-19.19	40.00	28.61	23.24	0.73	31.77	---	---	Peak
2	88.05	29.16			45.35	14.30	1.25	31.74	---	---	Peak
3	164.19	36.26	-7.24	43.50	50.35	15.95	1.68	31.72	100	77	Peak
4	187.68	26.29	-17.21	43.50	41.59	14.59	1.82	31.71	---	---	Peak
5	612.90	34.26	-11.74	46.00	37.36	25.51	3.33	31.94	---	---	Peak
6	680.80	31.75	-14.25	46.00	33.86	26.32	3.56	31.99	---	---	Peak
7	959.40	33.35	-12.65	46.00	29.03	31.07	4.17	30.92	---	---	Peak
8	2934.00	37.64	-36.36	74.00	62.61	28.43	7.96	61.36	---	---	Peak
9	3024.00	42.97	-31.03	74.00	67.67	28.53	8.18	61.41	---	---	Peak
10	6932.00	44.46	-29.54	74.00	55.11	35.07	12.89	58.61	---	---	Peak
11	8734.00	47.40	-26.60	74.00	52.36	37.80	14.81	57.57	---	---	Peak
12	10898.00	49.80	-24.20	74.00	49.44	40.40	16.68	56.72	---	---	Peak
13	11432.00	49.94	-24.06	74.00	48.80	39.83	17.47	56.16	100	106	Peak
14	16596.00	47.27	-26.73	74.00	42.65	38.88	21.47	55.73	---	---	Peak
15	19524.00	47.19	-36.35	83.54	42.57	37.80	17.32	50.50	---	---	Peak
16	29268.00	49.40	-34.14	83.54	37.38	40.74	21.93	50.65	---	---	Peak

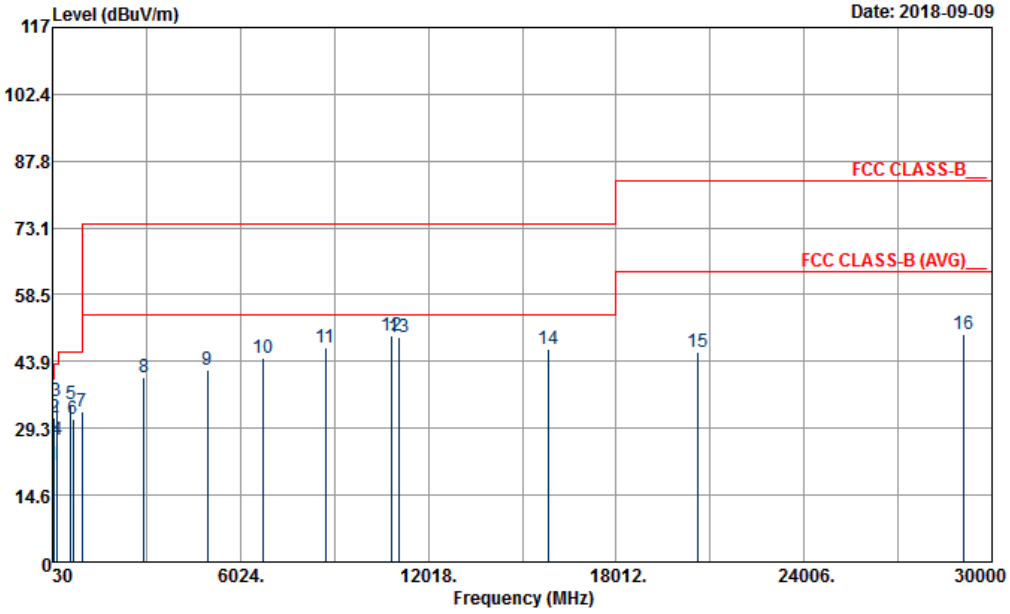
Mode :	Mode 5	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : 120Vac/60Hz

	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	38.10	31.60	-8.40	40.00	42.33	20.26	0.78	31.77	100	63	Peak
2	88.05	32.30			48.49	14.30	1.25	31.74	---	---	Peak
3	141.78	31.57	-11.93	43.50	44.60	17.12	1.57	31.72	---	---	Peak
4	162.03	33.02	-10.48	43.50	46.95	16.12	1.67	31.72	---	---	Peak
5	642.30	33.40	-12.60	46.00	35.57	26.33	3.46	31.96	---	---	Peak
6	691.30	34.53	-11.47	46.00	36.34	26.60	3.58	31.99	---	---	Peak
7	943.30	32.87	-13.13	46.00	29.55	30.25	4.13	31.06	---	---	Peak
8	2754.00	37.49	-36.51	74.00	63.13	28.00	7.61	61.25	---	---	Peak
9	4932.00	41.16	-32.84	74.00	57.80	31.27	10.70	58.61	---	---	Peak
10	6908.00	44.38	-29.62	74.00	55.08	35.03	12.89	58.62	---	---	Peak
11	8724.00	46.81	-27.19	74.00	51.87	37.70	14.81	57.57	---	---	Peak
12	10758.00	49.81	-24.19	74.00	50.25	40.14	16.45	57.03	---	---	Peak
13	11382.00	49.91	-24.09	74.00	48.93	39.78	17.39	56.19	100	109	Peak
14	15795.00	47.37	-26.63	74.00	45.01	37.87	20.81	56.32	---	---	Peak
15	22368.00	46.72	-36.82	83.54	39.62	38.15	19.18	50.23	---	---	Peak
16	29616.00	49.46	-34.08	83.54	37.54	40.55	22.12	50.75	---	---	Peak

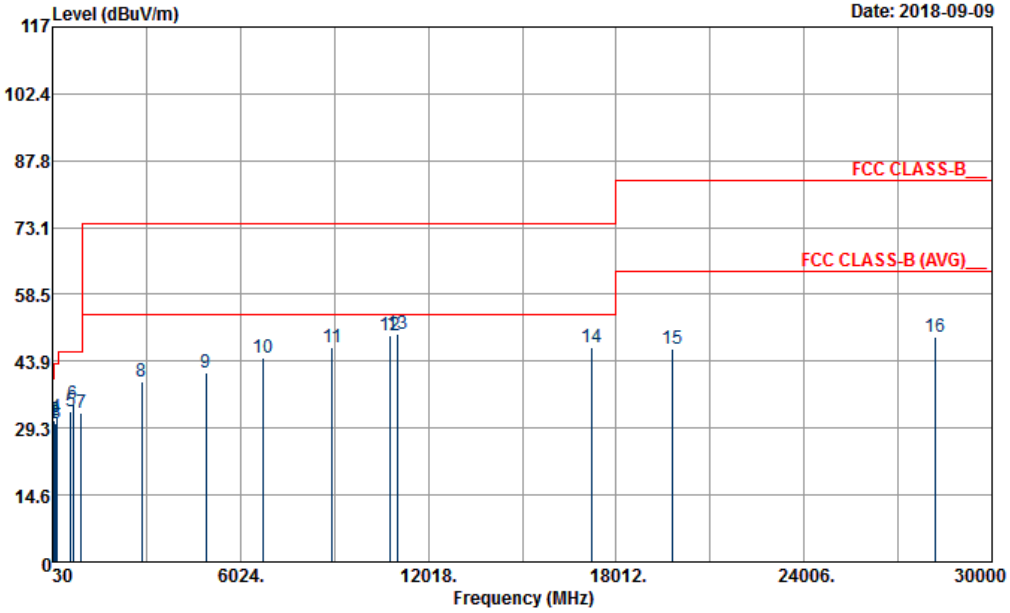
Mode :	Mode 6	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : 120Vac/60Hz

	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	30.00	21.08	-18.92	40.00	27.97	24.17	0.71	31.77	---	---	Peak
2	98.04	31.47			46.34	15.55	1.31	31.73	---	---	Peak
3	160.95	35.24	-8.26	43.50	49.10	16.20	1.66	31.72	100	21	Peak
4	184.44	26.67	-16.83	43.50	41.98	14.62	1.78	31.71	---	---	Peak
5	602.40	34.46	-11.54	46.00	37.69	25.42	3.28	31.93	---	---	Peak
6	682.90	31.22	-14.78	46.00	33.28	26.37	3.56	31.99	---	---	Peak
7	959.40	32.88	-13.12	46.00	28.56	31.07	4.17	30.92	---	---	Peak
8	2938.00	40.52	-33.48	74.00	65.43	28.43	8.02	61.36	---	---	Peak
9	4982.00	42.02	-31.98	74.00	58.35	31.37	10.72	58.42	---	---	Peak
10	6740.00	44.64	-29.36	74.00	56.10	34.40	12.79	58.65	---	---	Peak
11	8738.00	46.82	-27.18	74.00	51.79	37.80	14.82	57.59	---	---	Peak
12	10866.00	49.43	-24.57	74.00	49.20	40.37	16.64	56.78	100	157	Peak
13	11092.00	49.13	-24.87	74.00	48.47	40.10	16.98	56.42	---	---	Peak
14	15867.00	46.68	-27.32	74.00	44.38	37.72	20.85	56.27	---	---	Peak
15	20616.00	45.89	-37.65	83.54	40.62	37.75	17.87	50.35	---	---	Peak
16	29076.00	49.87	-33.67	83.54	37.79	40.86	21.83	50.61	---	---	Peak

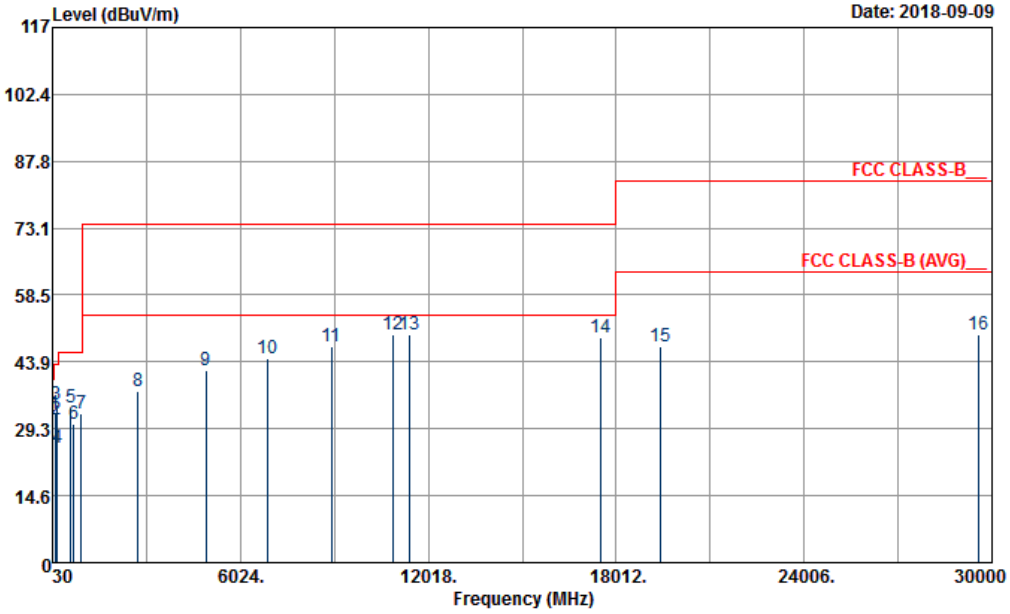
Mode :	Mode 6	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B_ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : 120Vac/60Hz

	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	34.86	30.17	-9.83	40.00	39.34	21.84	0.76	31.77	100	36	Peak
2	98.04	31.12			45.99	15.55	1.31	31.73	---	---	Peak
3	141.51	30.35	-13.15	43.50	43.38	17.12	1.57	31.72	---	---	Peak
4	163.11	31.69	-11.81	43.50	45.71	16.03	1.67	31.72	---	---	Peak
5	608.00	33.08	-12.92	46.00	36.25	25.47	3.30	31.94	---	---	Peak
6	691.30	34.65	-11.35	46.00	36.46	26.60	3.58	31.99	---	---	Peak
7	957.30	32.43	-13.57	46.00	28.24	30.97	4.16	30.94	---	---	Peak
8	2872.00	39.45	-34.55	74.00	64.70	28.23	7.85	61.33	---	---	Peak
9	4928.00	41.47	-32.53	74.00	58.11	31.27	10.70	58.61	---	---	Peak
10	6746.00	44.66	-29.34	74.00	56.12	34.40	12.79	58.65	---	---	Peak
11	8944.00	47.02	-26.98	74.00	52.39	37.57	14.89	57.83	---	---	Peak
12	10812.00	49.50	-24.50	74.00	49.56	40.32	16.53	56.91	---	---	Peak
13	11054.00	49.97	-24.03	74.00	49.22	40.30	16.91	56.46	100	130	Peak
14	17217.00	47.06	-26.94	74.00	39.32	41.95	22.04	56.25	---	---	Peak
15	19800.00	46.55	-36.99	83.54	41.96	37.80	17.29	50.50	---	---	Peak
16	28212.00	49.16	-34.38	83.54	38.04	40.20	21.38	50.46	---	---	Peak

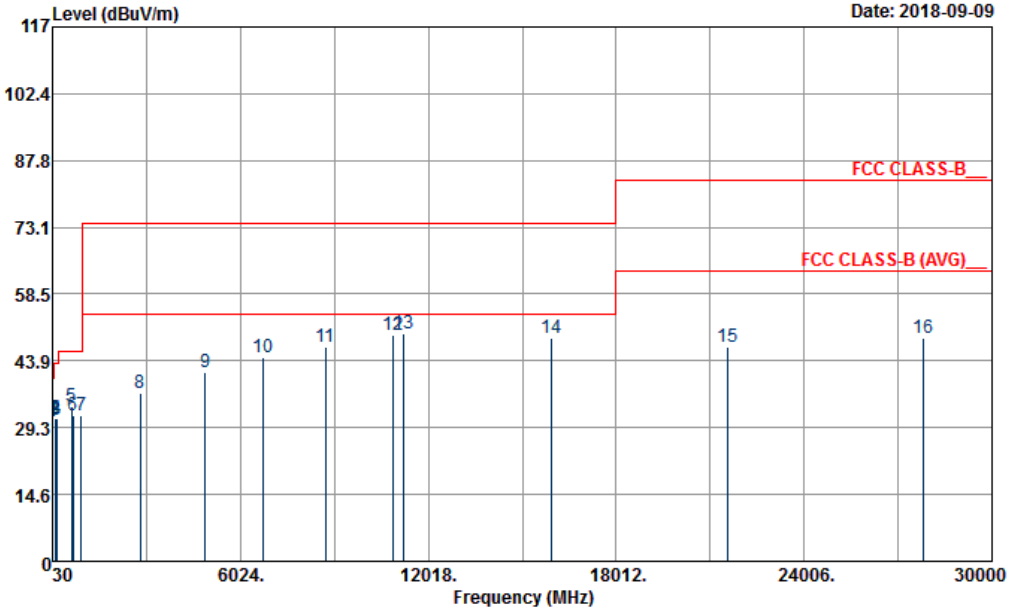
Mode :	Mode 7	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#1 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : 120Vac/60Hz

	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	108.03	32.63			46.46	16.51	1.39	31.73	---	---	Peak
2	148.26	31.29	-12.21	43.50	44.53	16.88	1.60	31.72	---	---	Peak
3	160.95	34.62	-8.88	43.50	48.48	16.20	1.66	31.72	100	63	Peak
4	183.36	25.21	-18.29	43.50	40.50	14.65	1.77	31.71	---	---	Peak
5	603.80	33.77	-12.23	46.00	36.98	25.43	3.29	31.93	---	---	Peak
6	698.30	30.44	-15.56	46.00	32.05	26.79	3.60	32.00	---	---	Peak
7	955.20	32.61	-13.39	46.00	28.55	30.87	4.15	30.96	---	---	Peak
8	2760.00	37.57	-36.43	74.00	63.15	28.07	7.61	61.26	---	---	Peak
9	4932.00	42.16	-31.84	74.00	58.80	31.27	10.70	58.61	---	---	Peak
10	6886.00	44.64	-29.36	74.00	55.47	34.90	12.89	58.62	---	---	Peak
11	8928.00	47.33	-26.67	74.00	52.63	37.63	14.88	57.81	---	---	Peak
12	10916.00	49.82	-24.18	74.00	49.37	40.42	16.72	56.69	---	---	Peak
13	11432.00	50.00	-24.00	74.00	48.86	39.83	17.47	56.16	100	100	Peak
14	17505.00	49.10	-24.90	74.00	41.10	42.40	22.30	56.70	---	---	Peak
15	19404.00	47.33	-36.21	83.54	42.75	37.78	17.32	50.52	---	---	Peak
16	29556.00	49.90	-33.64	83.54	37.95	40.58	22.09	50.72	---	---	Peak

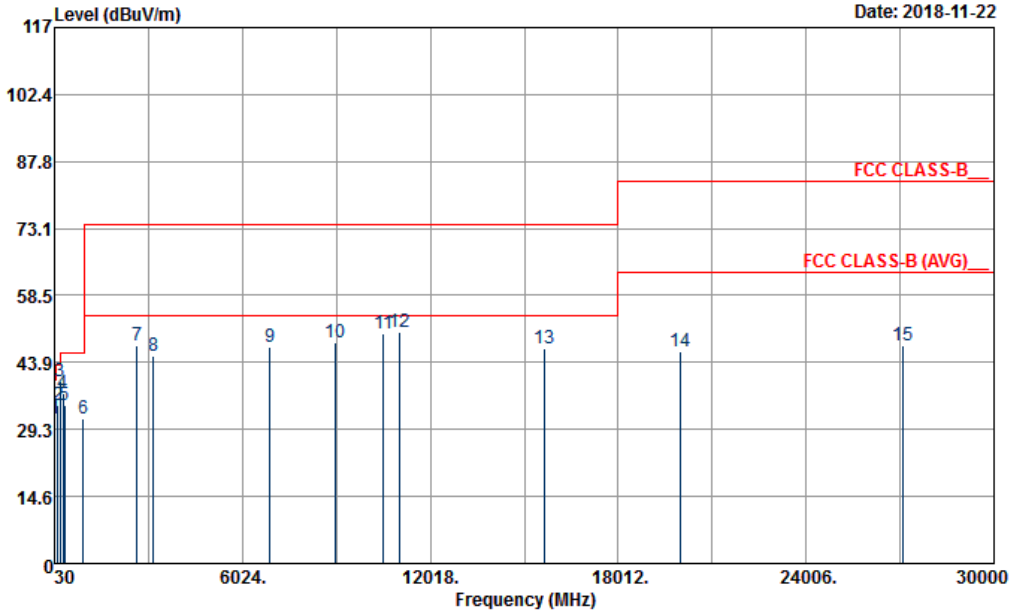
Mode :	Mode 7	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : 120Vac/60Hz

	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	34.86	30.59	-9.41	40.00	39.76	21.84	0.76	31.77	100	12	Peak
2	108.03	31.29			45.12	16.51	1.39	31.73	---	---	Peak
3	142.86	30.80	-12.70	43.50	43.89	17.06	1.57	31.72	---	---	Peak
4	159.87	31.15	-12.35	43.50	44.93	16.28	1.66	31.72	---	---	Peak
5	628.30	33.81	-12.19	46.00	36.46	25.90	3.40	31.95	---	---	Peak
6	691.30	32.05	-13.95	46.00	33.86	26.60	3.58	31.99	---	---	Peak
7	935.60	31.91	-14.09	46.00	28.98	29.91	4.14	31.12	---	---	Peak
8	2820.00	36.93	-37.07	74.00	62.28	28.20	7.74	61.29	---	---	Peak
9	4904.00	41.27	-32.73	74.00	58.08	31.23	10.69	58.73	---	---	Peak
10	6752.00	44.70	-29.30	74.00	56.16	34.40	12.79	58.65	---	---	Peak
11	8732.00	46.89	-27.11	74.00	51.85	37.80	14.81	57.57	---	---	Peak
12	10890.00	49.70	-24.30	74.00	49.37	40.40	16.68	56.75	---	---	Peak
13	11208.00	49.87	-24.13	74.00	49.27	39.80	17.13	56.33	100	113	Peak
14	15921.00	48.74	-25.26	74.00	46.48	37.63	20.87	56.24	---	---	Peak
15	21576.00	47.05	-36.49	83.54	40.56	38.08	18.79	50.38	---	---	Peak
16	27804.00	48.84	-34.70	83.54	38.17	39.97	21.08	50.38	---	---	Peak

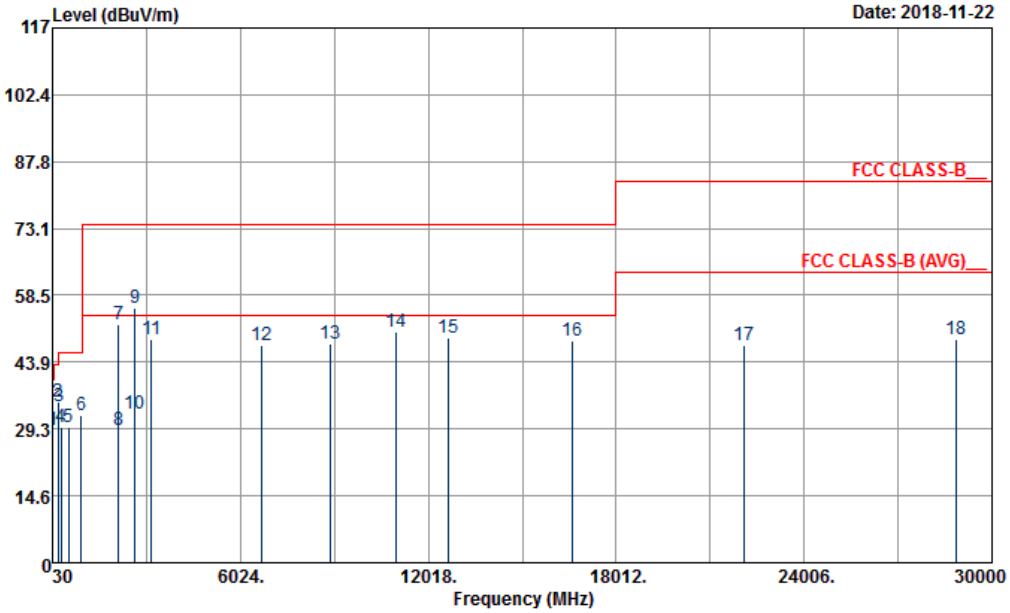
Mode :	Mode 8	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL
Project : 881333-01
Power : From System

	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	40.53	31.57	-8.43	40.00	44.37	18.34	0.62	31.76	---	---	Peak
2	133.95	34.62	-8.88	43.50	47.64	17.34	1.36	31.72	---	---	Peak
3	215.22	39.61	-3.89	43.50	54.82	14.88	1.62	31.71	100	47	Peak
4	310.50	37.25	-8.75	46.00	47.75	19.07	2.12	31.69	---	---	Peak
5	349.70	34.68	-11.32	46.00	44.02	20.16	2.21	31.71	---	---	Peak
6	942.60	31.56	-14.44	46.00	28.46	30.37	3.79	31.06	---	---	Peak
7	2664.00	47.56	-26.44	74.00	73.77	27.83	6.76	61.20	---	---	Peak
8	3196.00	45.45	-28.55	74.00	69.94	28.80	7.66	61.48	---	---	Peak
9	6914.00	47.20	-26.80	74.00	56.14	35.03	13.78	58.62	---	---	Peak
10	8984.00	48.26	-25.74	74.00	53.06	37.57	14.04	57.88	---	---	Peak
11	10518.00	50.34	-23.66	74.00	51.84	40.00	14.86	57.57	---	---	Peak
12	11052.00	50.37	-23.63	74.00	50.15	40.30	15.19	56.46	100	74	Peak
13	15662.00	47.06	-26.94	74.00	44.63	38.10	20.74	56.41	---	---	Peak
14	19980.00	46.39	-37.15	83.54	41.81	37.80	17.28	50.50	---	---	Peak
15	27106.00	47.45	-36.09	83.54	37.65	39.76	20.40	50.36	---	---	Peak

Mode :	Mode 8	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL
Project : 881333-01
Power : From System

	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	40.53	28.94	-11.06	40.00	41.74	18.34	0.62	31.76	---	---	Peak
2	214.95	35.27	-8.23	43.50	50.48	14.88	1.62	31.71	100	23	Peak
3	235.20	34.27	-11.73	46.00	47.57	16.55	1.85	31.70	---	---	Peak
4	310.50	29.50	-16.50	46.00	40.00	19.07	2.12	31.69	---	---	Peak
5	531.70	29.57	-16.43	46.00	34.75	23.94	2.74	31.86	---	---	Peak
6	958.00	32.31	-13.69	46.00	28.55	30.71	3.98	30.93	---	---	Peak
7	2132.00	52.09	-21.91	74.00	79.06	27.60	6.11	61.10	100	288	Peak
8	2132.00	29.13	-24.87	54.00	56.10	27.60	6.11	61.10	100	288	Average
9	2656.00	55.72	-18.28	74.00	81.95	27.80	6.76	61.19	100	44	Peak
10	2656.00	32.67	-21.33	54.00	58.90	27.80	6.76	61.19	100	44	Average
11	3198.00	48.89	-25.11	74.00	73.38	28.80	7.66	61.48	---	---	Peak
12	6720.00	47.48	-26.52	74.00	57.41	34.33	13.48	58.66	---	---	Peak
13	8872.00	48.04	-25.96	74.00	52.66	37.90	13.78	57.75	---	---	Peak
14	11000.00	50.40	-23.60	74.00	50.04	40.50	15.16	56.50	---	---	Peak
15	12634.00	49.11	-24.89	74.00	51.33	38.63	16.54	58.54	---	---	Peak
16	16620.00	48.45	-25.55	74.00	43.60	39.11	21.49	55.75	---	---	Peak
17	22108.00	47.61	-35.93	83.54	40.66	38.04	19.19	50.28	---	---	Peak
18	28864.00	48.91	-34.63	83.54	37.01	40.72	21.73	50.55	---	---	Peak

THE END