

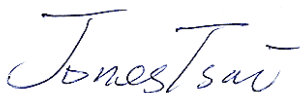
FCC EMI TEST REPORT

FCC ID : PY7-35228T
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. 31, 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.



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
FC882923-01	01	Initial issue of report	Dec. 14, 2018
FC882923-01	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 9.64 dB at 0.166 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 6.42 dB at 314.700 MHz for Quasi-Peak

Reviewed by: Louis Wu

Report Producer: Wii Chang

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: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass / BDS / Galileo / SBAS: PIFA Antenna NFC: Single loop Antenna FM: Using earphone as antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	1.129	CQ3001BMVB	Conducted Emission
		CQ3001BMZA	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.

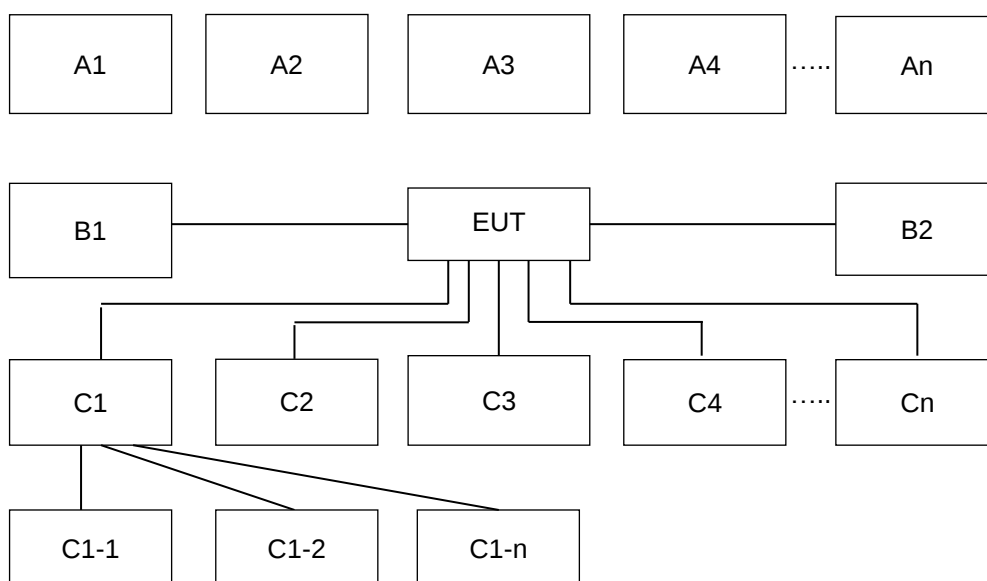
Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

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.

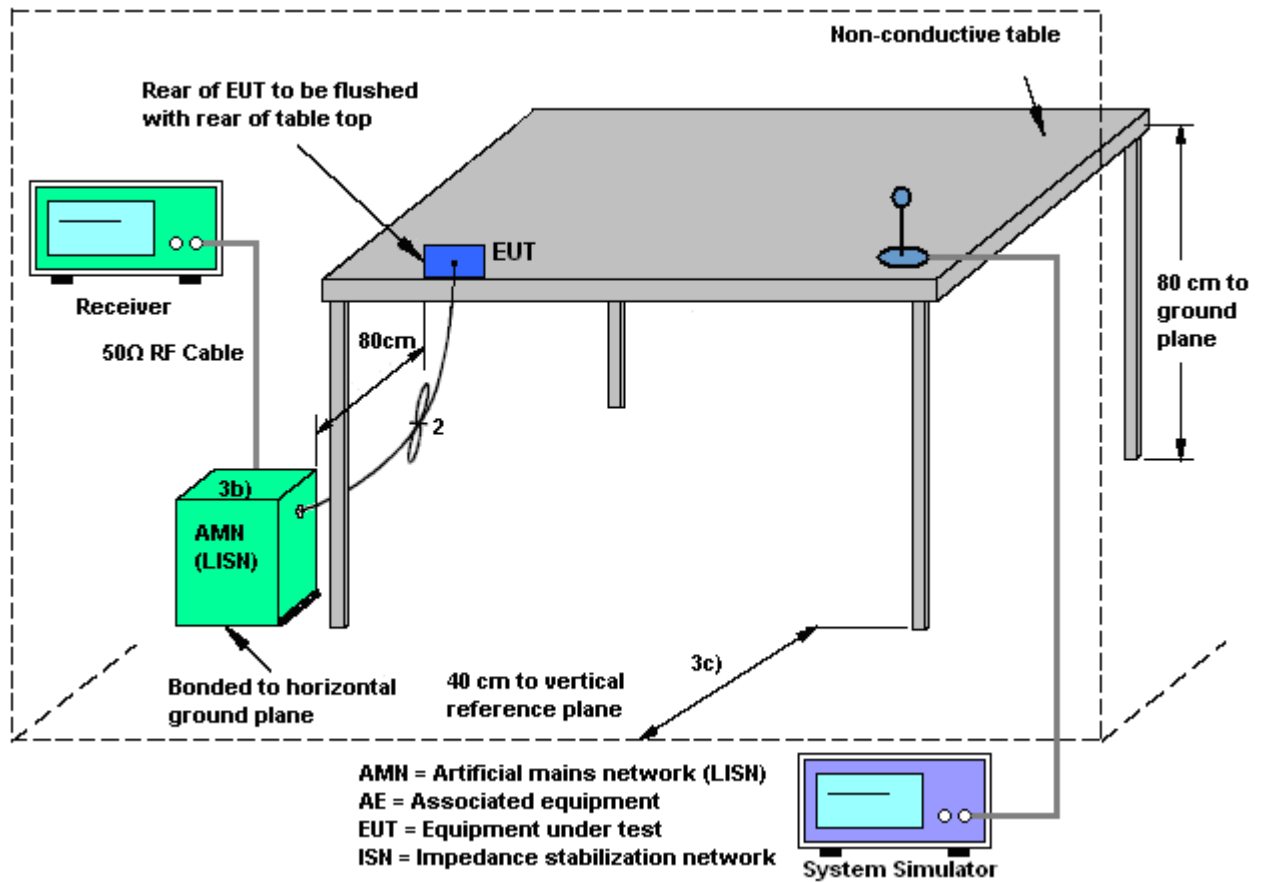
3.1.2 Measuring Instruments

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

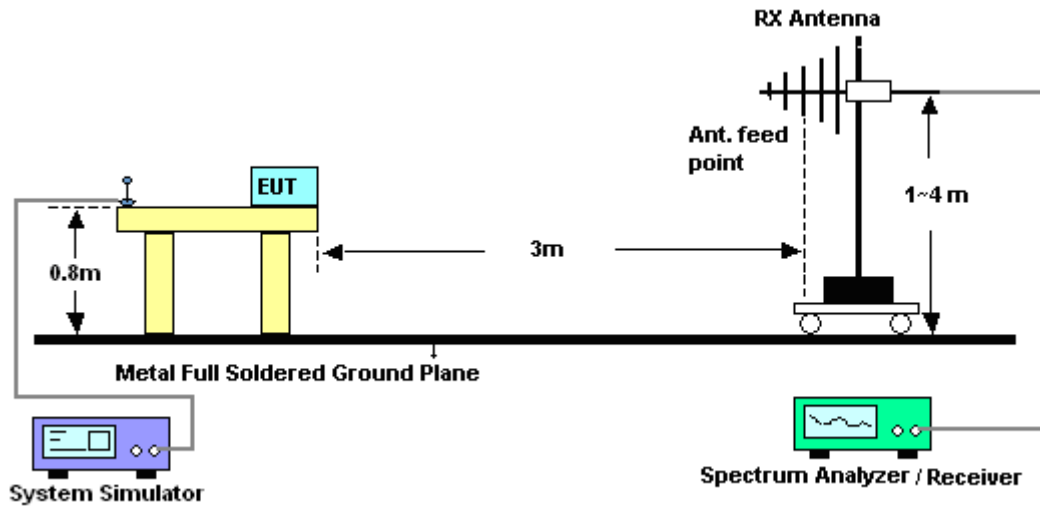
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

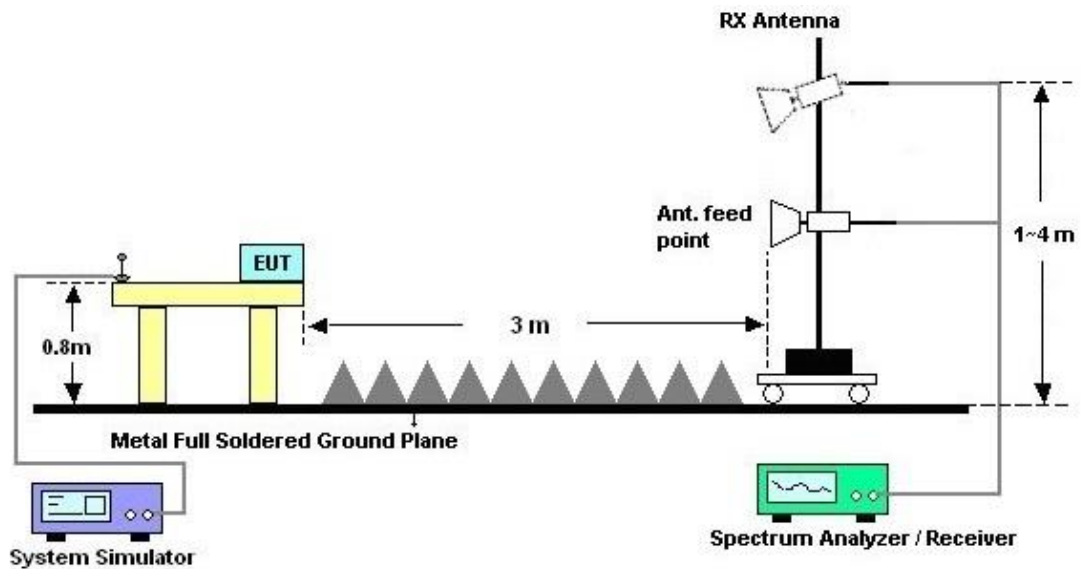
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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. 10, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Sep. 10, 2018~ Sep. 15, 2018	Dec. 07, 2018	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Dec. 10, 2018	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Sep. 10, 2018~ Dec. 10, 2018	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Sep. 10, 2018~ Sep. 15, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Dec. 10, 2018	Nov. 13, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 10, 2018~ Dec. 10, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Sep. 10, 2018~ Dec. 10, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Sep. 10, 2018~ Dec. 10, 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. 25, 2018~ Dec. 12, 2018	Oct. 12, 2019	Radiation (03CH06-HY)
Spectrum Analyzer	Agilent	N9010A	MY534701 18	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	SCHWARZBE CK	BBHA 9120 D	9120D-115 6	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-0010 1800-30-10P	1850117	1GHz ~ 18GHz	May 24, 2018	Sep. 08, 2018~ Dec. 12, 2018	May 23, 2019	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)
Antenna Mast	MF	MF-7802	MF780208 212	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)
Test Software	AUDIX	e3	6.2009-8-2 4(k5)	N/A	N/A	Sep. 08, 2018~ Dec. 12, 2018	N/A	Radiation (03CH06-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
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)
RF Cable	HUBER+SUHNER/UTIFLEX	SUCOFLEX 104 / UFA210A	MY24966/ 4 / LF-01	30MHz-1GHz	Nov. 24, 2017	Sep. 08, 2018	Nov. 23, 2018	Radiation (03CH06-HY)
RF Cable	HUBER+SUHNER/UTIFLEX	SUCOFLEX 104 / UFA210A	MY24966/ 4 / LF-01	30MHz-1GHz	Nov. 22, 2018	Nov. 25, 2018~ Dec. 12, 2018	Nov. 21, 2019	Radiation (03CH06-HY)
RF Cable	Infinet/Sunhner	LL142/SF104	CA3601-3 601-HLL	1GHz-26GHz	Nov. 24, 2017	Sep. 08, 2018	Nov. 23, 2018	Radiation (03CH06-HY)
RF Cable	Infinet/Sunhner	LL142/SF104	CA3601-3 601-HLL	1GHz-26GHz	Nov. 22, 2018	Nov. 25, 2018~ Dec. 12, 2018	Nov. 21, 2019	Radiation (03CH06-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Dec. 07, 2017	Sep. 08, 2018	Dec. 06, 2018	Radiation (03CH06-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Nov. 02, 2018	Nov. 25, 2018~ Dec. 12, 2018	Nov. 01, 2019	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-8 SS	SN3	1.2G Low Pass	Nov. 21, 2017	Sep. 08, 2018	Nov. 20, 2018	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-8 SS	SN3	1.2G Low Pass	Nov. 02, 2018	Sep. 08, 2018~ Dec. 12, 2018	Nov. 01, 2019	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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.90
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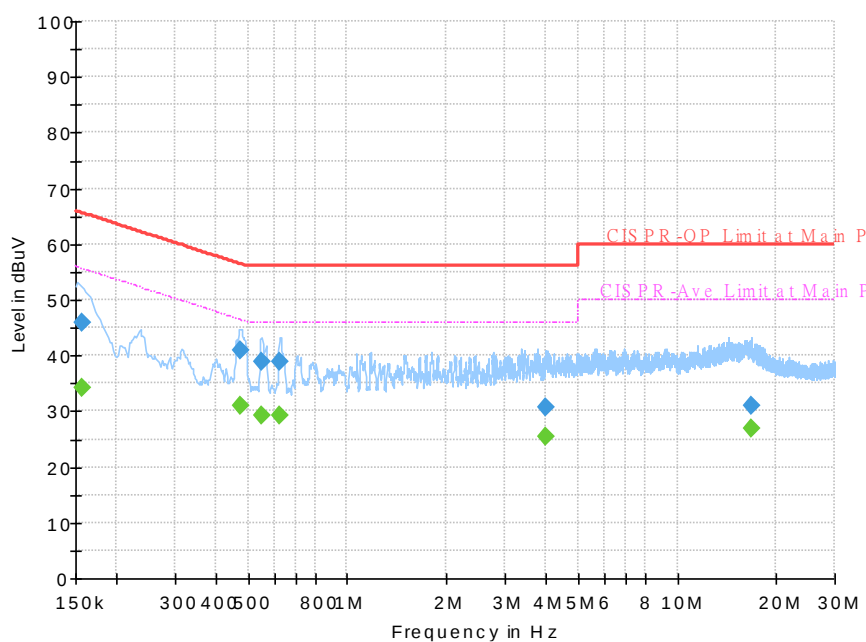
Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70
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Appendix A. AC Conducted Emission Test Results

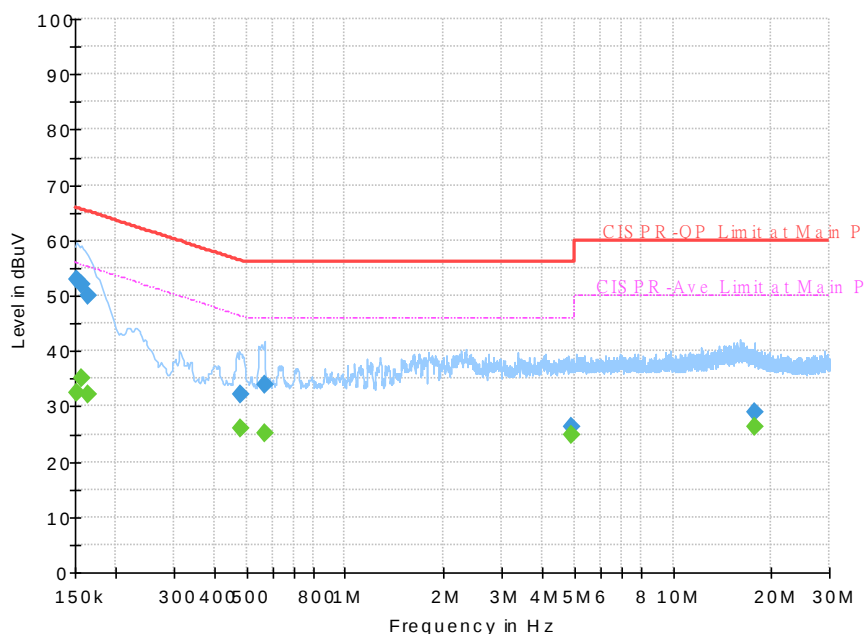
Test Mode :	Mode 1	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	34.21	55.63	21.42	L1	OFF	19.5
0.156750	45.81	---	65.63	19.82	L1	OFF	19.5
0.474000	---	30.92	46.44	15.52	L1	OFF	19.5
0.474000	40.81	---	56.44	15.63	L1	OFF	19.5
0.550500	---	29.31	46.00	16.69	L1	OFF	19.5
0.550500	38.99	---	56.00	17.01	L1	OFF	19.5
0.624750	---	29.37	46.00	16.63	L1	OFF	19.6
0.624750	38.95	---	56.00	17.05	L1	OFF	19.6
4.002000	---	25.38	46.00	20.62	L1	OFF	19.7
4.002000	30.63	---	56.00	25.37	L1	OFF	19.7
16.800000	---	26.81	50.00	23.19	L1	OFF	20.2
16.800000	31.01	---	60.00	28.99	L1	OFF	20.2

Test Mode :	Mode 1	Temperature :	22~26°C
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.		

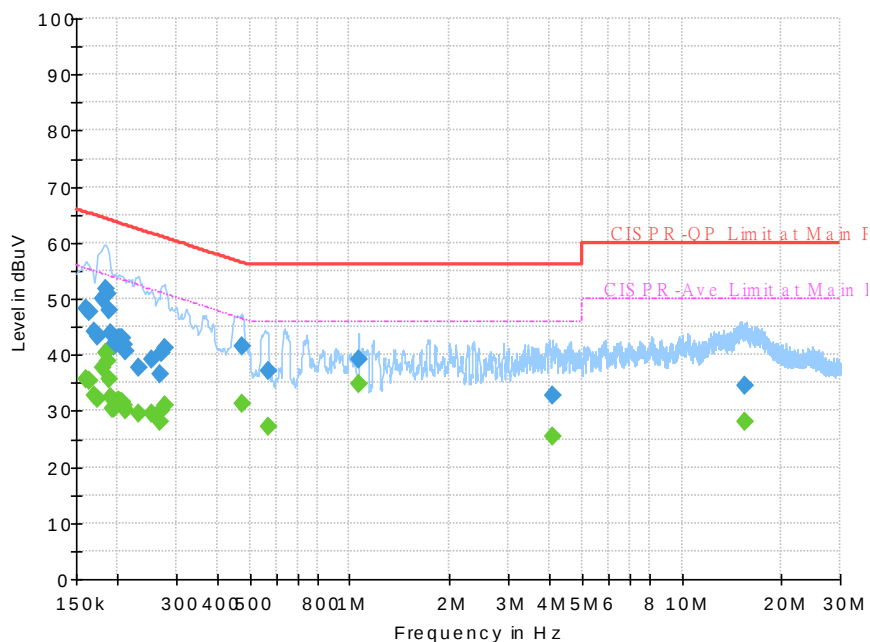


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.42	55.88	23.46	N	OFF	19.5
0.152250	52.98	---	65.88	12.90	N	OFF	19.5
0.156750	---	35.20	55.63	20.43	N	OFF	19.5
0.156750	52.09	---	65.63	13.54	N	OFF	19.5
0.163500	---	32.23	55.28	23.05	N	OFF	19.5
0.163500	50.14	---	65.28	15.14	N	OFF	19.5
0.480750	---	26.05	46.33	20.28	N	OFF	19.5
0.480750	32.14	---	56.33	24.19	N	OFF	19.5
0.566250	---	25.13	46.00	20.87	N	OFF	19.5
0.566250	34.00	---	56.00	22.00	N	OFF	19.5
4.926750	---	24.91	46.00	21.09	N	OFF	19.7
4.926750	26.37	---	56.00	29.63	N	OFF	19.7
17.691000	---	26.35	50.00	23.65	N	OFF	20.2
17.691000	28.87	---	60.00	31.13	N	OFF	20.2

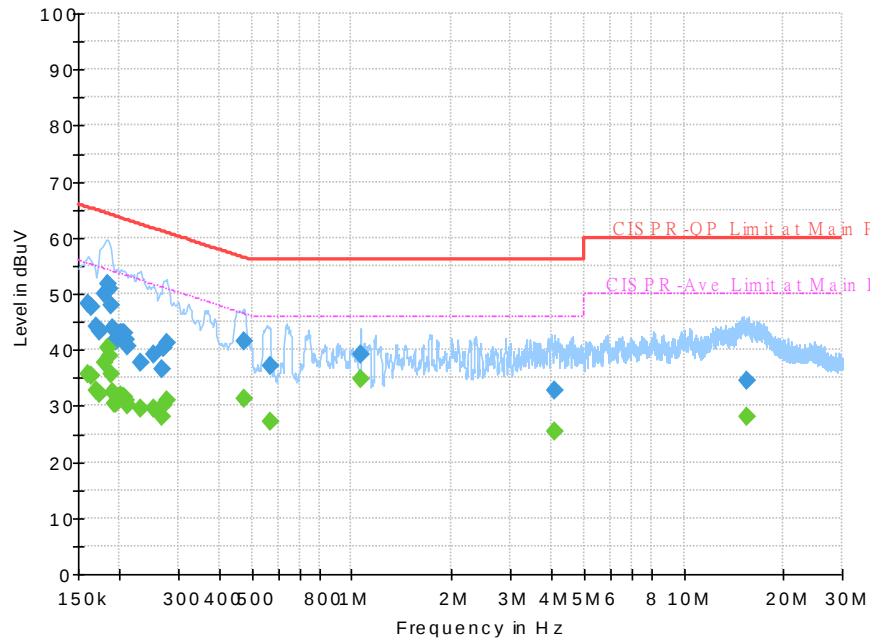


Test Mode :	Mode 2	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	35.77	55.40	19.63	L1	OFF	19.5
0.161250	48.11	---	65.40	17.29	L1	OFF	19.5
0.163500	---	35.42	55.28	19.86	L1	OFF	19.5
0.163500	47.75	---	65.28	17.53	L1	OFF	19.5
0.170250	---	32.64	54.95	22.31	L1	OFF	19.5
0.170250	44.14	---	64.95	20.81	L1	OFF	19.5
0.174750	---	32.08	54.73	22.65	L1	OFF	19.5
0.174750	43.31	---	64.73	21.42	L1	OFF	19.5
0.179250	---	37.77	54.52	16.75	L1	OFF	19.5
0.179250	50.02	---	64.52	14.50	L1	OFF	19.5
0.183750	---	40.30	54.31	14.01	L1	OFF	19.5
0.183750	51.64	---	64.31	12.67	L1	OFF	19.5
0.186000	---	38.77	54.21	15.44	L1	OFF	19.5
0.186000	50.74	---	64.21	13.47	L1	OFF	19.5
0.188250	---	35.79	54.11	18.32	L1	OFF	19.5
0.188250	47.81	---	64.11	16.30	L1	OFF	19.5
0.190500	---	32.45	54.02	21.57	L1	OFF	19.5
0.190500	43.87	---	64.02	20.15	L1	OFF	19.5

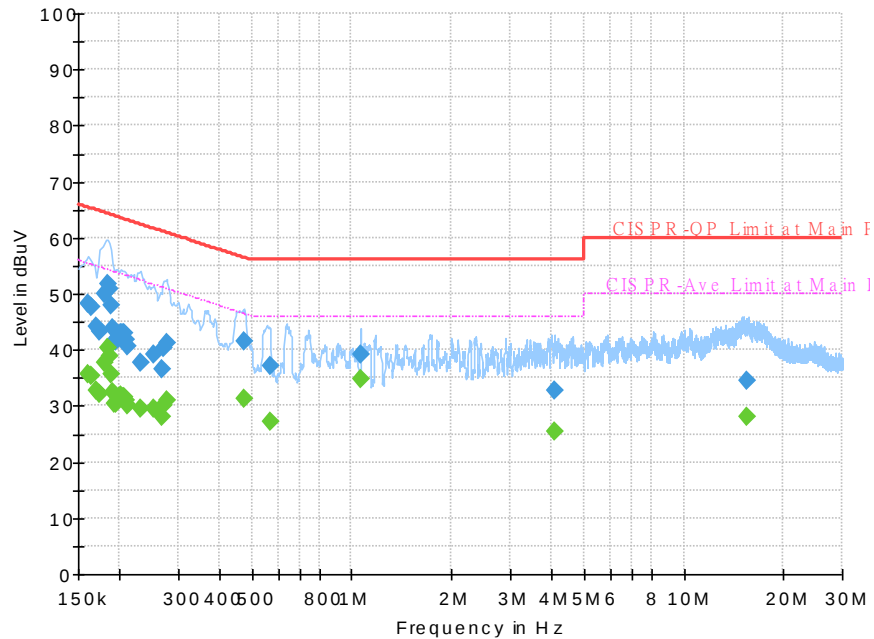
Test Mode :	Mode 2	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.192750	---	30.55	53.92	23.37	L1	OFF	19.5
0.192750	41.45	---	63.92	22.47	L1	OFF	19.5
0.195000	---	30.53	53.82	23.29	L1	OFF	19.5
0.195000	41.62	---	63.82	22.20	L1	OFF	19.5
0.197250	---	31.01	53.73	22.72	L1	OFF	19.5
0.197250	42.02	---	63.73	21.71	L1	OFF	19.5
0.199500	---	31.57	53.63	22.06	L1	OFF	19.5
0.199500	42.57	---	63.63	21.06	L1	OFF	19.5
0.201750	---	31.92	53.54	21.62	L1	OFF	19.5
0.201750	42.94	---	63.54	20.60	L1	OFF	19.5
0.204000	---	31.70	53.45	21.75	L1	OFF	19.5
0.204000	42.97	---	63.45	20.48	L1	OFF	19.5
0.206250	---	31.50	53.36	21.86	L1	OFF	19.5
0.206250	43.06	---	63.36	20.30	L1	OFF	19.5
0.208500	---	30.86	53.27	22.41	L1	OFF	19.5
0.208500	41.79	---	63.27	21.48	L1	OFF	19.5
0.210750	---	30.18	53.18	23.00	L1	OFF	19.5
0.210750	40.57	---	63.18	22.61	L1	OFF	19.5
0.231000	---	29.52	52.41	22.89	L1	OFF	19.5
0.231000	37.78	---	62.41	24.63	L1	OFF	19.5

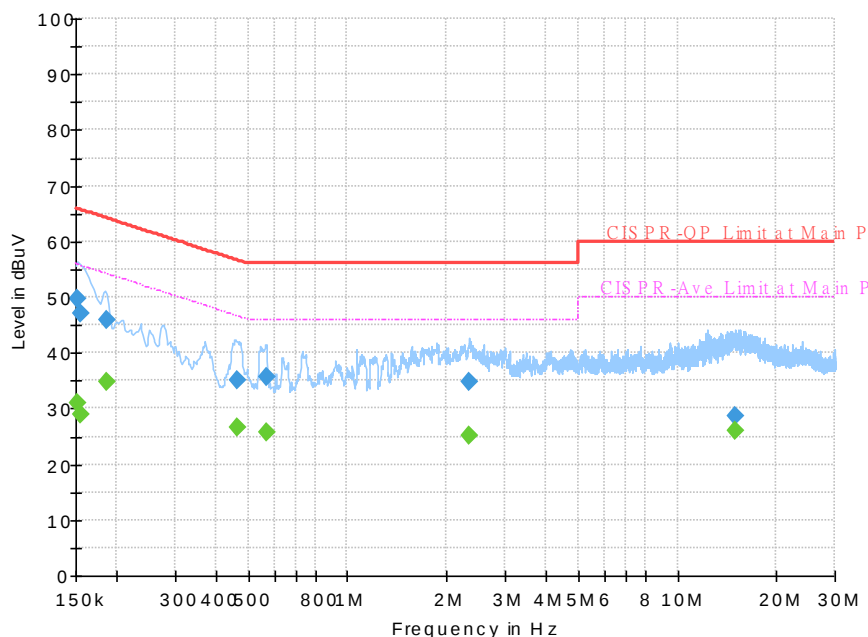
Test Mode :	Mode 2	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.253500	---	29.40	51.64	22.24	L1	OFF	19.5
0.253500	39.05	---	61.64	22.59	L1	OFF	19.5
0.267000	---	28.21	51.21	23.00	L1	OFF	19.5
0.267000	36.51	---	61.21	24.70	L1	OFF	19.5
0.271500	---	30.22	51.07	20.85	L1	OFF	19.5
0.271500	40.28	---	61.07	20.79	L1	OFF	19.5
0.276000	---	31.13	50.94	19.81	L1	OFF	19.5
0.276000	41.37	---	60.94	19.57	L1	OFF	19.5
0.471750	---	31.29	46.48	15.19	L1	OFF	19.5
0.471750	41.50	---	56.48	14.98	L1	OFF	19.5
0.566250	---	27.32	46.00	18.68	L1	OFF	19.5
0.566250	37.23	---	56.00	18.77	L1	OFF	19.5
1.068000	---	34.93	46.00	11.07	L1	OFF	19.6
1.068000	39.17	---	56.00	16.83	L1	OFF	19.6
4.074000	---	25.54	46.00	20.46	L1	OFF	19.7
4.074000	32.69	---	56.00	23.31	L1	OFF	19.7
15.409500	---	27.99	50.00	22.01	L1	OFF	20.1
15.409500	34.53	---	60.00	25.47	L1	OFF	20.1

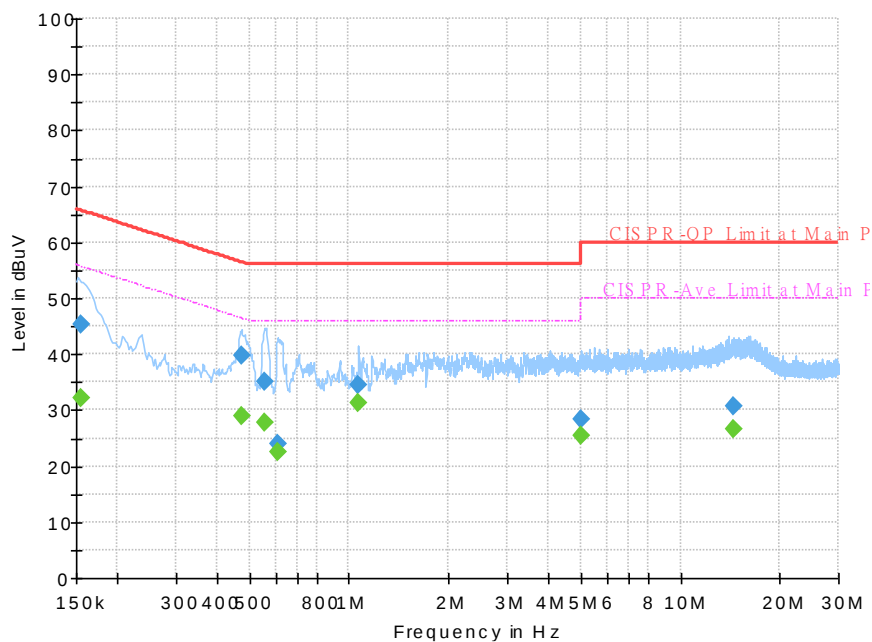
Test Mode :	Mode 2	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.85	55.88	25.03	N	OFF	19.5
0.152250	49.60	---	65.88	16.28	N	OFF	19.5
0.154500	---	29.08	55.75	26.67	N	OFF	19.5
0.154500	47.04	---	65.75	18.71	N	OFF	19.5
0.186000	---	34.74	54.21	19.47	N	OFF	19.5
0.186000	45.83	---	64.21	18.38	N	OFF	19.5
0.462750	---	26.71	46.64	19.93	N	OFF	19.5
0.462750	35.18	---	56.64	21.46	N	OFF	19.5
0.566250	---	25.78	46.00	20.22	N	OFF	19.5
0.566250	35.77	---	56.00	20.23	N	OFF	19.5
2.346000	---	25.02	46.00	20.98	N	OFF	19.5
2.346000	34.70	---	56.00	21.30	N	OFF	19.5
14.939250	---	26.09	50.00	23.91	N	OFF	20.1
14.939250	28.74	---	60.00	31.26	N	OFF	20.1

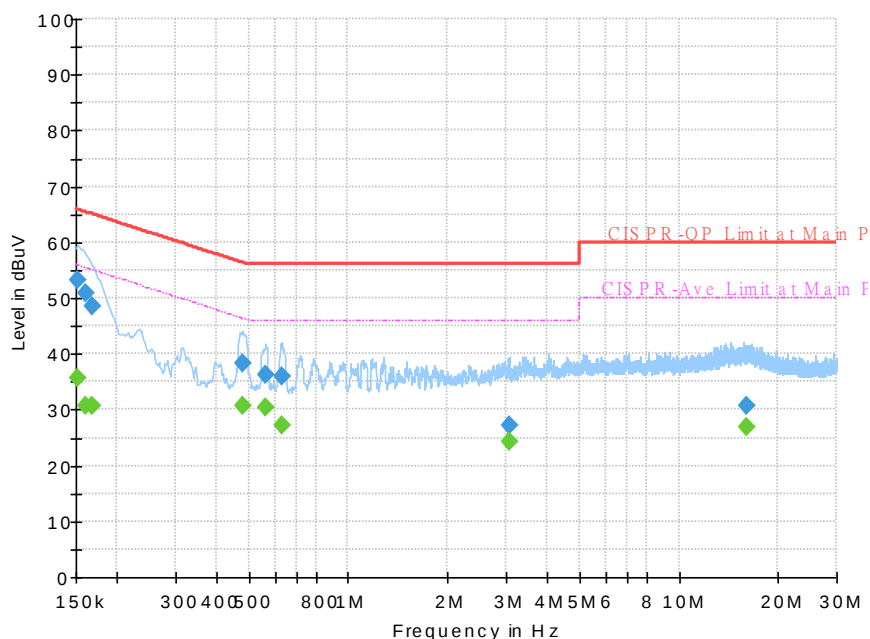


Test Mode :	Mode 3	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	32.19	55.75	23.56	L1	OFF	19.5
0.154500	45.26	---	65.75	20.49	L1	OFF	19.5
0.471750	---	28.99	46.48	17.49	L1	OFF	19.5
0.471750	39.85	---	56.48	16.63	L1	OFF	19.5
0.555000	---	27.64	46.00	18.36	L1	OFF	19.5
0.555000	35.13	---	56.00	20.87	L1	OFF	19.5
0.609000	---	22.49	46.00	23.51	L1	OFF	19.6
0.609000	23.84	---	56.00	32.16	L1	OFF	19.6
1.068000	---	31.21	46.00	14.79	L1	OFF	19.6
1.068000	34.40	---	56.00	21.60	L1	OFF	19.6
5.016750	---	25.42	50.00	24.58	L1	OFF	19.7
5.016750	28.49	---	60.00	31.51	L1	OFF	19.7
14.406000	---	26.49	50.00	23.51	L1	OFF	20.1
14.406000	30.73	---	60.00	29.27	L1	OFF	20.1

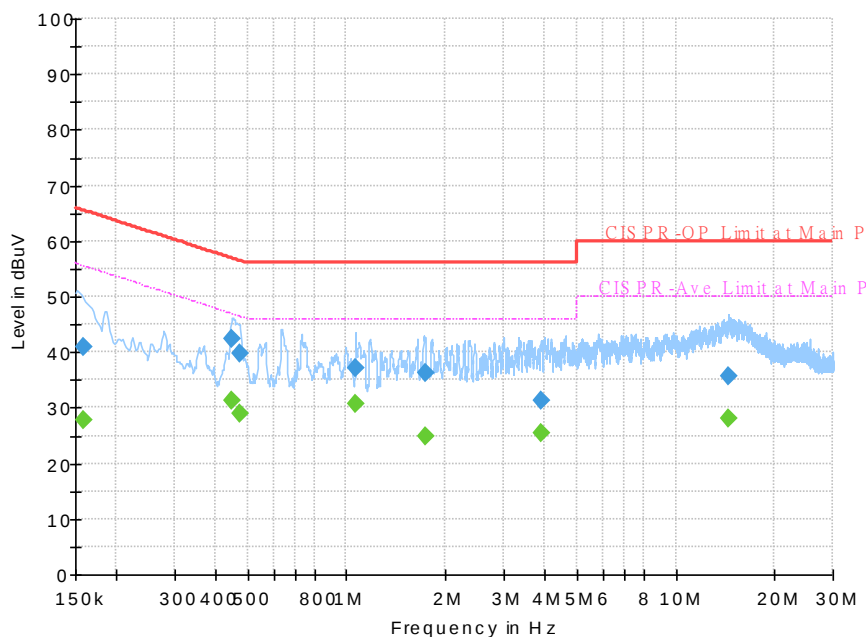
Test Mode :	Mode 3	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.63	55.88	20.25	N	OFF	19.5
0.152250	53.12	---	65.88	12.76	N	OFF	19.5
0.161250	---	30.69	55.40	24.71	N	OFF	19.5
0.161250	50.86	---	65.40	14.54	N	OFF	19.5
0.168000	---	30.56	55.06	24.50	N	OFF	19.5
0.168000	48.49	---	65.06	16.57	N	OFF	19.5
0.478500	---	30.71	46.37	15.66	N	OFF	19.5
0.478500	38.28	---	56.37	18.09	N	OFF	19.5
0.561750	---	30.31	46.00	15.69	N	OFF	19.5
0.561750	36.16	---	56.00	19.84	N	OFF	19.5
0.627000	---	27.06	46.00	18.94	N	OFF	19.6
0.627000	35.98	---	56.00	20.02	N	OFF	19.6
3.066000	---	24.41	46.00	21.59	N	OFF	19.6
3.066000	27.16	---	56.00	28.84	N	OFF	19.6
16.055250	---	26.81	50.00	23.19	N	OFF	20.2
16.055250	30.56	---	60.00	29.44	N	OFF	20.2

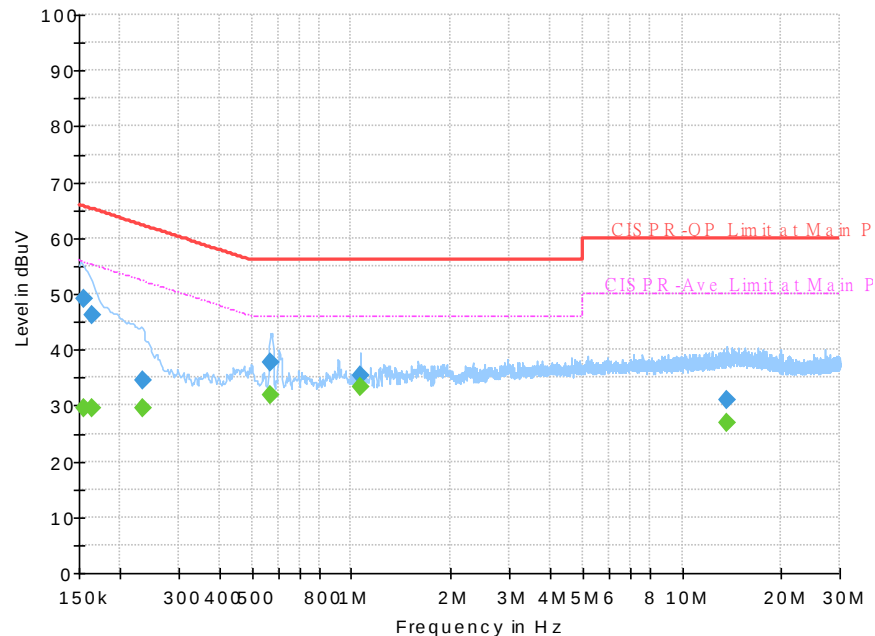
Test Mode :	Mode 4	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	27.92	55.52	27.60	L1	OFF	19.5
0.159000	40.98	---	65.52	24.54	L1	OFF	19.5
0.449250	---	31.40	46.89	15.49	L1	OFF	19.5
0.449250	42.43	---	56.89	14.46	L1	OFF	19.5
0.474000	---	29.01	46.44	17.43	L1	OFF	19.5
0.474000	39.64	---	56.44	16.80	L1	OFF	19.5
1.065750	---	30.67	46.00	15.33	L1	OFF	19.6
1.065750	37.21	---	56.00	18.79	L1	OFF	19.6
1.729500	---	24.99	46.00	21.01	L1	OFF	19.6
1.729500	36.22	---	56.00	19.78	L1	OFF	19.6
3.882750	---	25.43	46.00	20.57	L1	OFF	19.7
3.882750	31.30	---	56.00	24.70	L1	OFF	19.7
14.466750	---	28.07	50.00	21.93	L1	OFF	20.1
14.466750	35.80	---	60.00	24.20	L1	OFF	20.1

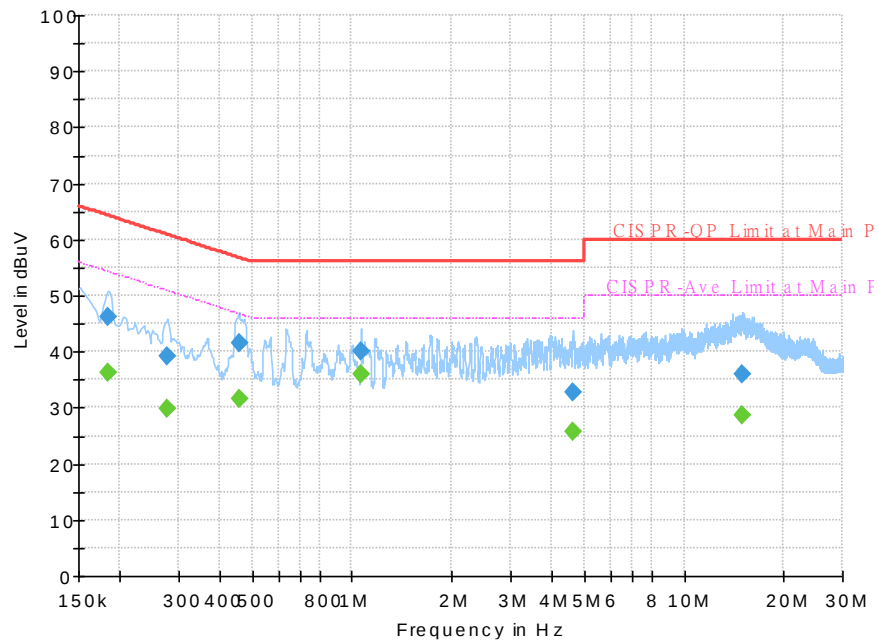
Test Mode :	Mode 4	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	29.53	55.75	26.22	N	OFF	19.5
0.154500	49.18	---	65.75	16.57	N	OFF	19.5
0.163500	---	29.60	55.28	25.68	N	OFF	19.5
0.163500	46.09	---	65.28	19.19	N	OFF	19.5
0.233250	---	29.42	52.33	22.91	N	OFF	19.5
0.233250	34.55	---	62.33	27.78	N	OFF	19.5
0.570750	---	31.90	46.00	14.10	N	OFF	19.5
0.570750	37.83	---	56.00	18.17	N	OFF	19.5
1.068000	---	33.21	46.00	12.79	N	OFF	19.6
1.068000	35.29	---	56.00	20.71	N	OFF	19.6
13.688250	---	26.97	50.00	23.03	N	OFF	20.1
13.688250	31.01	---	60.00	28.99	N	OFF	20.1

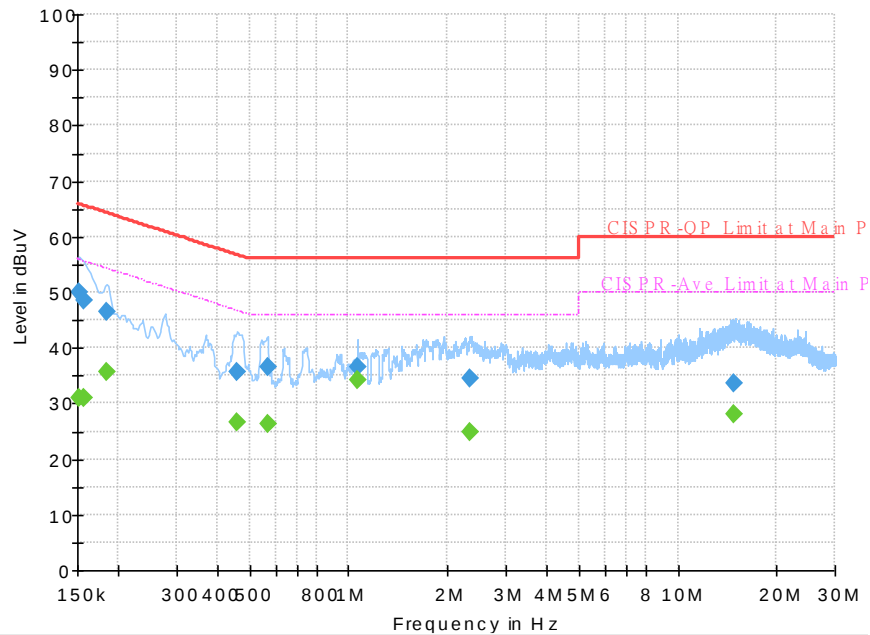
Test Mode :	Mode 5	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	36.34	54.31	17.97	L1	OFF	19.5
0.183750	46.23	---	64.31	18.08	L1	OFF	19.5
0.278250	---	29.76	50.87	21.11	L1	OFF	19.5
0.278250	39.32	---	60.87	21.55	L1	OFF	19.5
0.456000	---	31.72	46.77	15.05	L1	OFF	19.5
0.456000	41.52	---	56.77	15.25	L1	OFF	19.5
1.065750	---	36.05	46.00	9.95	L1	OFF	19.6
1.065750	40.14	---	56.00	15.86	L1	OFF	19.6
4.641000	---	25.70	46.00	20.30	L1	OFF	19.7
4.641000	32.69	---	56.00	23.31	L1	OFF	19.7
14.957250	---	28.57	50.00	21.43	L1	OFF	20.1
14.957250	35.83	---	60.00	24.17	L1	OFF	20.1

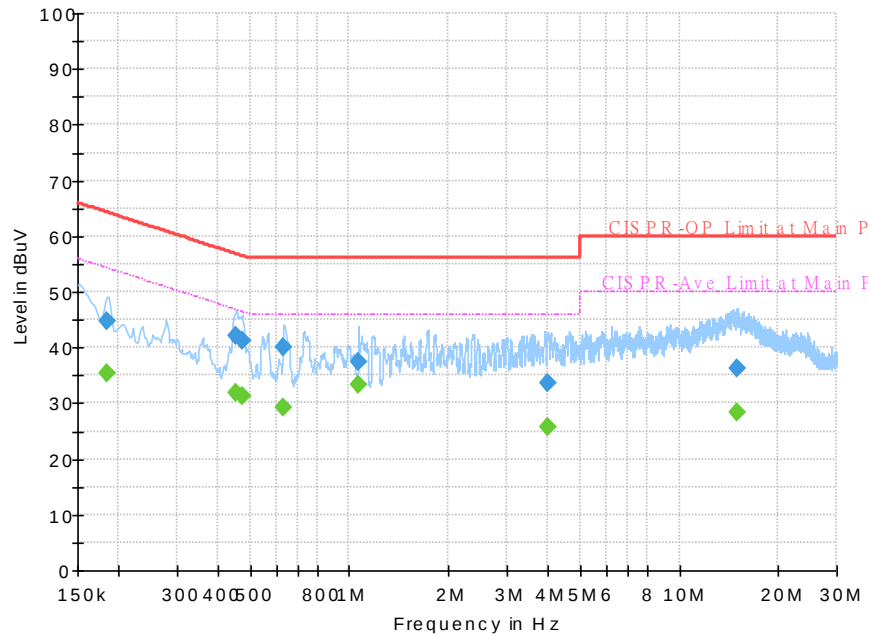
Test Mode :	Mode 5	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.11	55.88	24.77	N	OFF	19.5
0.152250	50.01	---	65.88	15.87	N	OFF	19.5
0.156750	---	30.93	55.63	24.70	N	OFF	19.5
0.156750	48.53	---	65.63	17.10	N	OFF	19.5
0.183750	---	35.79	54.31	18.52	N	OFF	19.5
0.183750	46.36	---	64.31	17.95	N	OFF	19.5
0.460500	---	26.63	46.68	20.05	N	OFF	19.5
0.460500	35.54	---	56.68	21.14	N	OFF	19.5
0.566250	---	26.32	46.00	19.68	N	OFF	19.5
0.566250	36.43	---	56.00	19.57	N	OFF	19.5
1.065750	---	34.29	46.00	11.71	N	OFF	19.6
1.065750	36.54	---	56.00	19.46	N	OFF	19.6
2.337000	---	24.74	46.00	21.26	N	OFF	19.5
2.337000	34.56	---	56.00	21.44	N	OFF	19.5
14.763750	---	28.03	50.00	21.97	N	OFF	20.1
14.763750	33.74	---	60.00	26.26	N	OFF	20.1

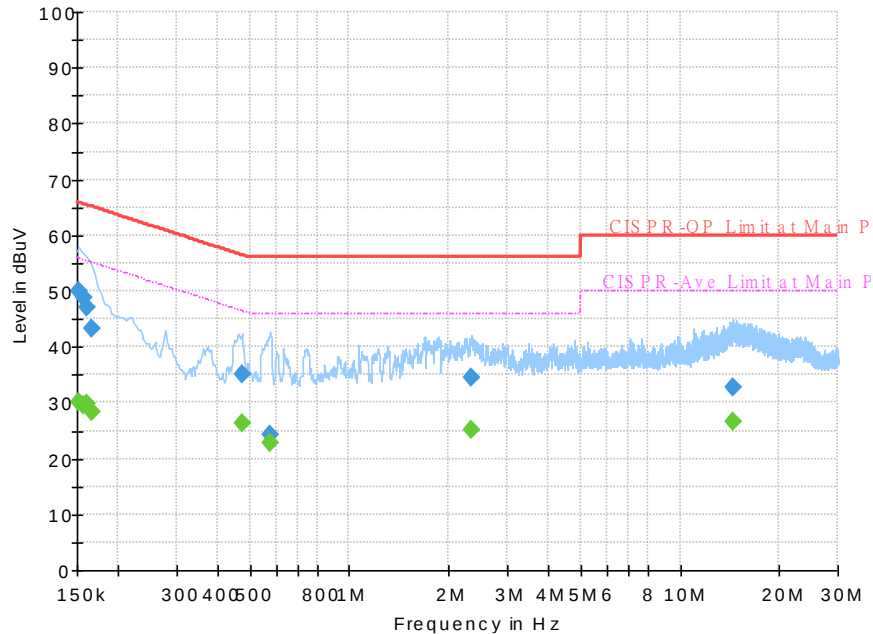
Test Mode :	Mode 6	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	35.35	54.31	18.96	L1	OFF	19.5
0.183750	44.69	---	64.31	19.62	L1	OFF	19.5
0.453750	---	31.88	46.81	14.93	L1	OFF	19.5
0.453750	42.07	---	56.81	14.74	L1	OFF	19.5
0.471750	---	31.28	46.48	15.20	L1	OFF	19.5
0.471750	41.10	---	56.48	15.38	L1	OFF	19.5
0.633750	---	29.22	46.00	16.78	L1	OFF	19.6
0.633750	39.98	---	56.00	16.02	L1	OFF	19.6
1.065750	---	33.27	46.00	12.73	L1	OFF	19.6
1.065750	37.35	---	56.00	18.65	L1	OFF	19.6
3.979500	---	25.72	46.00	20.28	L1	OFF	19.7
3.979500	33.69	---	56.00	22.31	L1	OFF	19.7
15.011250	---	28.40	50.00	21.60	L1	OFF	20.1
15.011250	36.39	---	60.00	23.61	L1	OFF	20.1

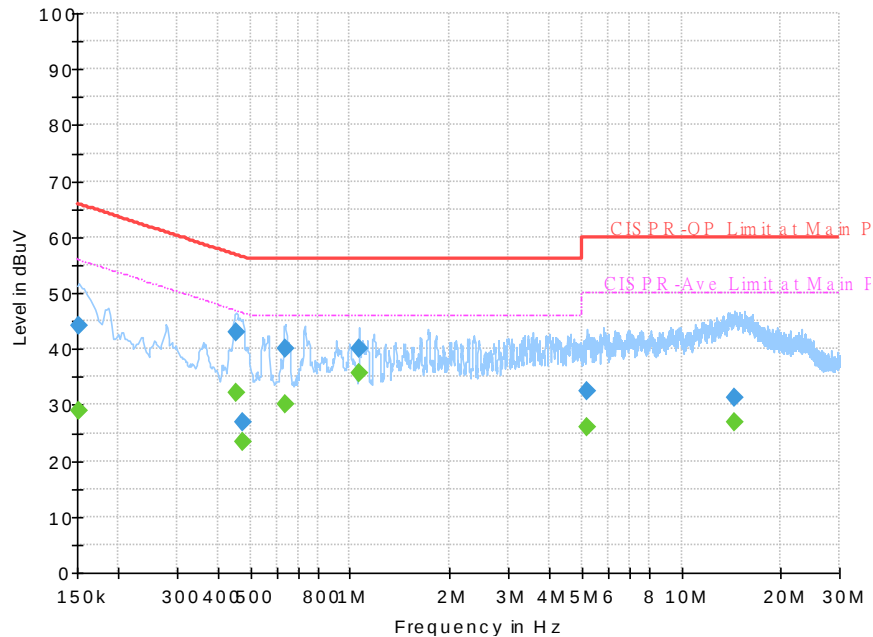
Test Mode :	Mode 6	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.13	55.88	25.75	N	OFF	19.5
0.152250	49.92	---	65.88	15.96	N	OFF	19.5
0.156750	---	29.67	55.63	25.96	N	OFF	19.5
0.156750	48.75	---	65.63	16.88	N	OFF	19.5
0.161250	---	29.72	55.40	25.68	N	OFF	19.5
0.161250	47.00	---	65.40	18.40	N	OFF	19.5
0.165750	---	28.34	55.17	26.83	N	OFF	19.5
0.165750	43.20	---	65.17	21.97	N	OFF	19.5
0.474000	---	26.46	46.44	19.98	N	OFF	19.5
0.474000	35.23	---	56.44	21.21	N	OFF	19.5
0.577500	---	22.68	46.00	23.32	N	OFF	19.5
0.577500	24.20	---	56.00	31.80	N	OFF	19.5
2.343750	---	25.10	46.00	20.90	N	OFF	19.5
2.343750	34.62	---	56.00	21.38	N	OFF	19.5
14.478000	---	26.50	50.00	23.50	N	OFF	20.1
14.478000	32.72	---	60.00	27.28	N	OFF	20.1

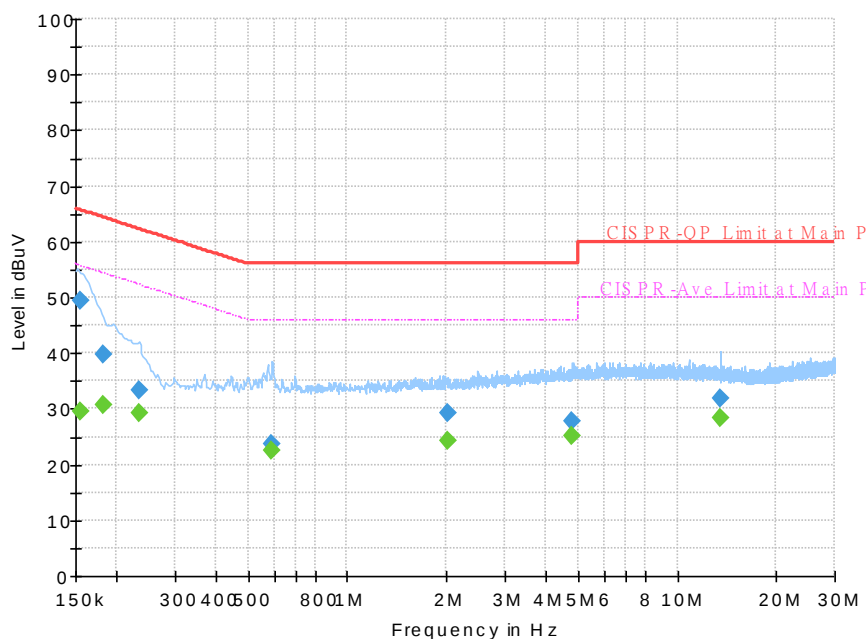
Test Mode :	Mode 7	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.88	55.88	27.00	L1	OFF	19.5
0.152250	44.19	---	65.88	21.69	L1	OFF	19.5
0.451500	---	32.21	46.85	14.64	L1	OFF	19.5
0.451500	42.95	---	56.85	13.90	L1	OFF	19.5
0.474000	---	23.28	46.44	23.16	L1	OFF	19.5
0.474000	26.77	---	56.44	29.67	L1	OFF	19.5
0.638250	---	30.06	46.00	15.94	L1	OFF	19.6
0.638250	39.96	---	56.00	16.04	L1	OFF	19.6
1.065750	---	35.78	46.00	10.22	L1	OFF	19.6
1.065750	39.91	---	56.00	16.09	L1	OFF	19.6
5.176500	---	26.16	50.00	23.84	L1	OFF	19.7
5.176500	32.36	---	60.00	27.64	L1	OFF	19.7
14.536500	---	26.90	50.00	23.10	L1	OFF	20.1
14.536500	31.16	---	60.00	28.84	L1	OFF	20.1

Test Mode :	Mode 7	Temperature :	22~26°C
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.		

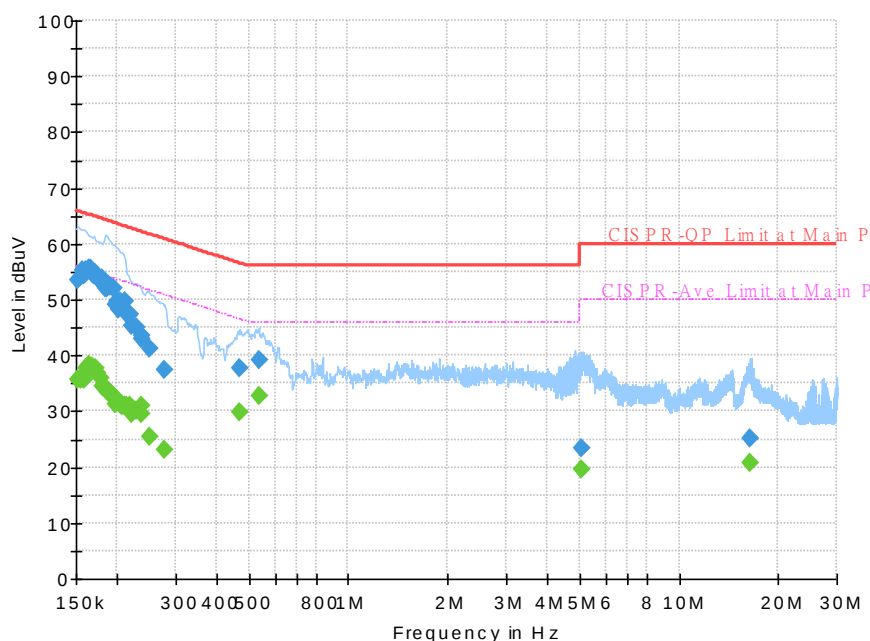


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	29.52	55.75	26.23	N	OFF	19.5
0.154500	49.48	---	65.75	16.27	N	OFF	19.5
0.181500	---	30.63	54.42	23.79	N	OFF	19.5
0.181500	39.89	---	64.42	24.53	N	OFF	19.5
0.233250	---	29.25	52.33	23.08	N	OFF	19.5
0.233250	33.34	---	62.33	28.99	N	OFF	19.5
0.591000	---	22.47	46.00	23.53	N	OFF	19.5
0.591000	23.59	---	56.00	32.41	N	OFF	19.5
2.006250	---	24.19	46.00	21.81	N	OFF	19.6
2.006250	29.34	---	56.00	26.66	N	OFF	19.6
4.816500	---	25.18	46.00	20.82	N	OFF	19.7
4.816500	27.65	---	56.00	28.35	N	OFF	19.7
13.560000	---	28.35	50.00	21.65	N	OFF	20.1
13.560000	31.84	---	60.00	28.16	N	OFF	20.1

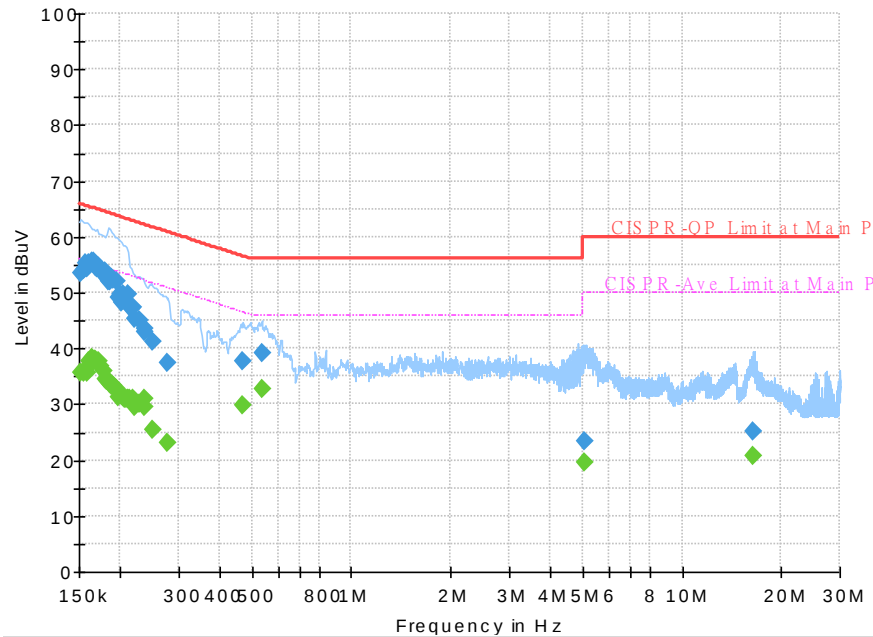


Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

**Final Result**

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	35.81	55.88	20.07	L1	OFF	19.5
0.152250	53.41	---	65.88	12.47	L1	OFF	19.5
0.154500	---	35.80	55.75	19.95	L1	OFF	19.5
0.154500	53.99	---	65.75	11.76	L1	OFF	19.5
0.156750	---	36.15	55.63	19.48	L1	OFF	19.5
0.156750	55.20	---	65.63	10.43	L1	OFF	19.5
0.159000	---	35.75	55.52	19.77	L1	OFF	19.5
0.159000	54.52	---	65.52	11.00	L1	OFF	19.5
0.161250	---	37.86	55.40	17.54	L1	OFF	19.5
0.161250	55.27	---	65.40	10.13	L1	OFF	19.5
0.163500	---	38.35	55.28	16.93	L1	OFF	19.5
0.163500	55.45	---	65.28	9.83	L1	OFF	19.5
0.165750	---	37.68	55.17	17.49	L1	OFF	19.5
0.165750	55.53	---	65.17	9.64	L1	OFF	19.5
0.168000	---	37.97	55.06	17.09	L1	OFF	19.5
0.168000	54.68	---	65.06	10.38	L1	OFF	19.5
0.170250	---	37.30	54.95	17.65	L1	OFF	19.5
0.170250	54.33	---	64.95	10.62	L1	OFF	19.5

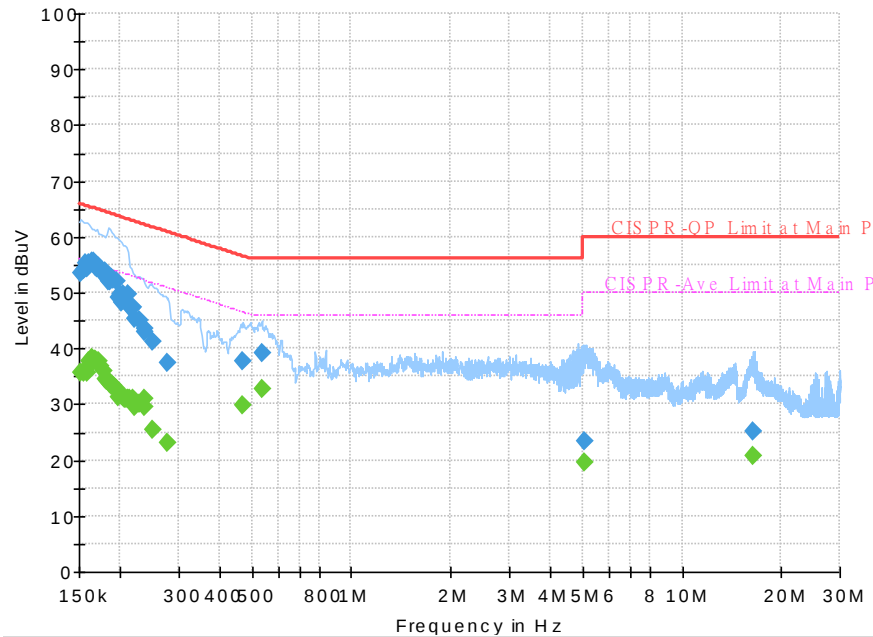
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	37.74	54.84	17.10	L1	OFF	19.5
0.172500	54.77	---	64.84	10.07	L1	OFF	19.5
0.174750	---	36.95	54.73	17.78	L1	OFF	19.5
0.174750	54.22	---	64.73	10.51	L1	OFF	19.5
0.177000	---	35.98	54.63	18.65	L1	OFF	19.5
0.177000	53.25	---	64.63	11.38	L1	OFF	19.5
0.179250	---	34.58	54.52	19.94	L1	OFF	19.5
0.179250	53.66	---	64.52	10.86	L1	OFF	19.5
0.181500	---	34.34	54.42	20.08	L1	OFF	19.5
0.181500	52.55	---	64.42	11.87	L1	OFF	19.5
0.183750	---	34.20	54.31	20.11	L1	OFF	19.5
0.183750	51.99	---	64.31	12.32	L1	OFF	19.5
0.186000	---	33.65	54.21	20.56	L1	OFF	19.5
0.186000	52.13	---	64.21	12.08	L1	OFF	19.5
0.188250	---	33.39	54.11	20.72	L1	OFF	19.5
0.188250	52.77	---	64.11	11.34	L1	OFF	19.5
0.190500	---	33.35	54.02	20.67	L1	OFF	19.5
0.190500	52.23	---	64.02	11.79	L1	OFF	19.5

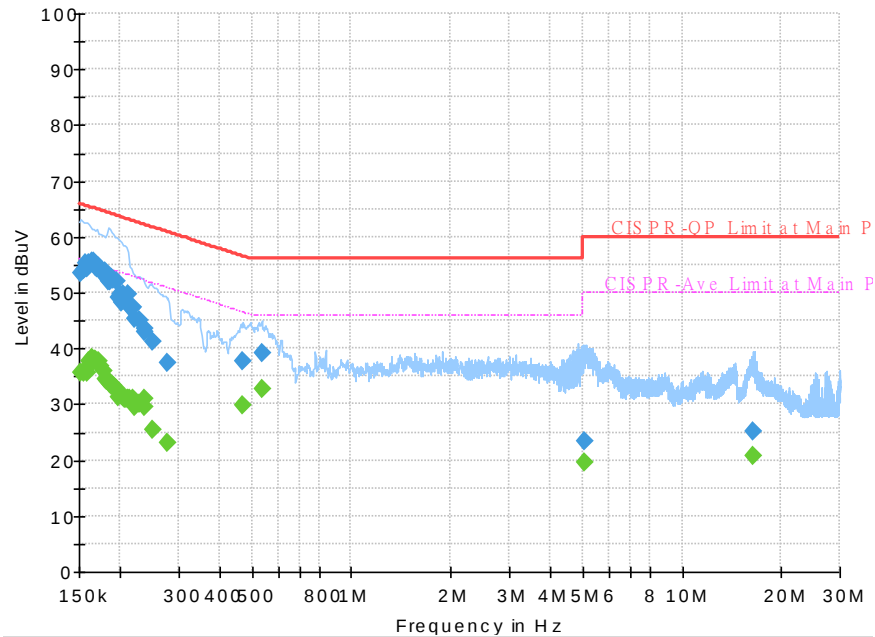
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.195000	---	32.67	53.82	21.15	L1	OFF	19.5
0.195000	51.92	---	63.82	11.90	L1	OFF	19.5
0.197250	---	31.16	53.73	22.57	L1	OFF	19.5
0.197250	49.14	---	63.73	14.59	L1	OFF	19.5
0.199500	---	31.91	53.63	21.72	L1	OFF	19.5
0.199500	49.85	---	63.63	13.78	L1	OFF	19.5
0.201750	---	31.54	53.54	22.00	L1	OFF	19.5
0.201750	48.39	---	63.54	15.15	L1	OFF	19.5
0.204000	---	31.38	53.45	22.07	L1	OFF	19.5
0.204000	49.60	---	63.45	13.85	L1	OFF	19.5
0.206250	---	31.04	53.36	22.32	L1	OFF	19.5
0.206250	48.40	---	63.36	14.96	L1	OFF	19.5
0.208500	---	31.04	53.27	22.23	L1	OFF	19.5
0.208500	48.13	---	63.27	15.14	L1	OFF	19.5
0.210750	---	31.03	53.18	22.15	L1	OFF	19.5
0.210750	49.75	---	63.18	13.43	L1	OFF	19.5
0.213000	---	30.98	53.09	22.11	L1	OFF	19.5
0.213000	47.71	---	63.09	15.38	L1	OFF	19.5

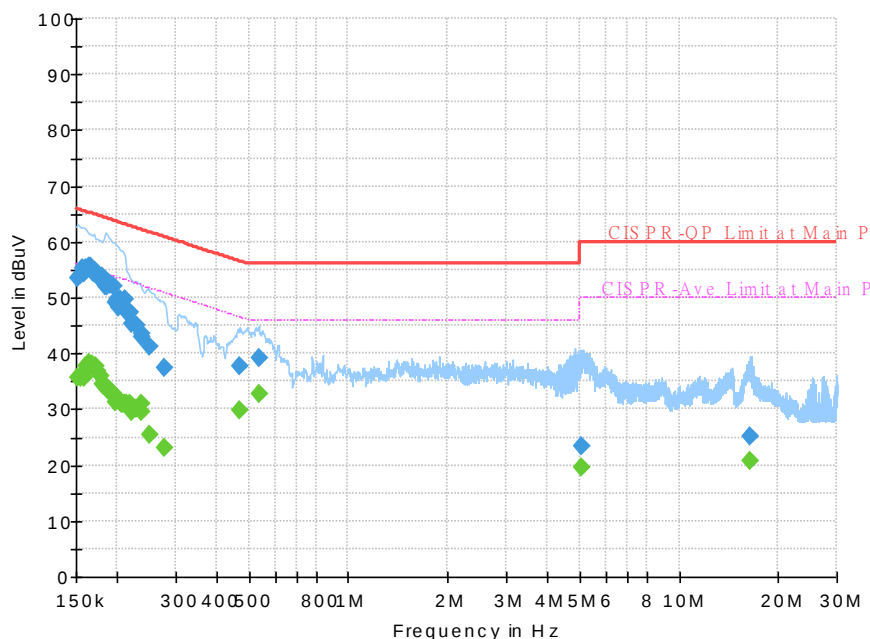
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.215250	---	30.56	53.00	22.44	L1	OFF	19.5
0.215250	47.16	---	63.00	15.84	L1	OFF	19.5
0.217500	---	31.12	52.91	21.79	L1	OFF	19.5
0.217500	47.22	---	62.91	15.69	L1	OFF	19.5
0.222000	---	29.68	52.74	23.06	L1	OFF	19.5
0.222000	45.47	---	62.74	17.27	L1	OFF	19.5
0.228750	---	29.97	52.50	22.53	L1	OFF	19.5
0.228750	44.92	---	62.50	17.58	L1	OFF	19.5
0.235500	---	31.14	52.25	21.11	L1	OFF	19.5
0.235500	43.67	---	62.25	18.58	L1	OFF	19.5
0.237750	---	29.53	52.17	22.64	L1	OFF	19.5
0.237750	42.86	---	62.17	19.31	L1	OFF	19.5
0.251250	---	25.52	51.72	26.20	L1	OFF	19.5
0.251250	41.11	---	61.72	20.61	L1	OFF	19.5
0.278250	---	23.11	50.87	27.76	L1	OFF	19.5
0.278250	37.33	---	60.87	23.54	L1	OFF	19.5

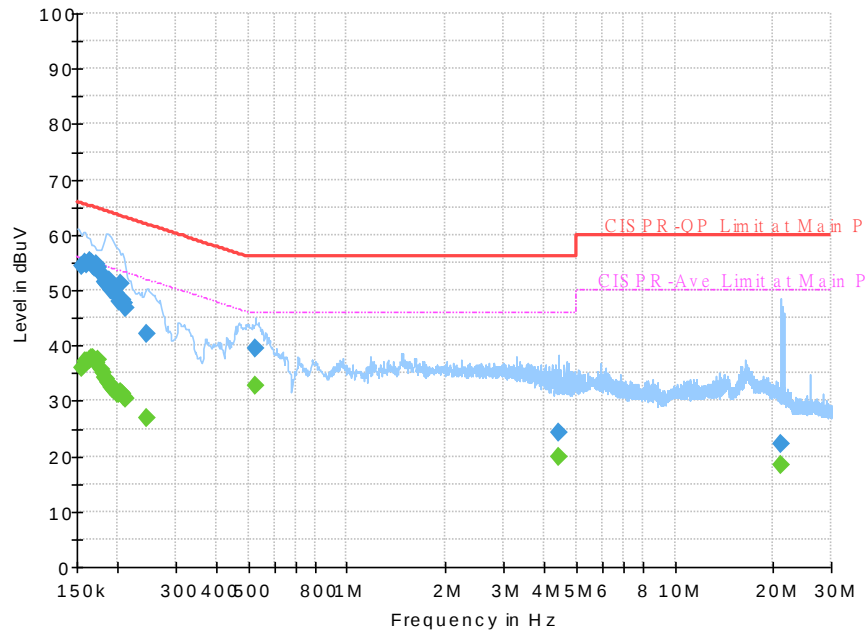
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.467250	---	29.73	46.56	16.83	L1	OFF	19.5
0.467250	37.73	---	56.56	18.83	L1	OFF	19.5
0.534750	---	32.82	46.00	13.18	L1	OFF	19.5
0.534750	39.15	---	56.00	16.85	L1	OFF	19.5
5.082000	---	19.58	50.00	30.42	L1	OFF	19.6
5.082000	23.32	---	60.00	36.68	L1	OFF	19.6
16.365750	---	20.73	50.00	29.27	L1	OFF	19.8
16.365750	25.05	---	60.00	34.95	L1	OFF	19.8

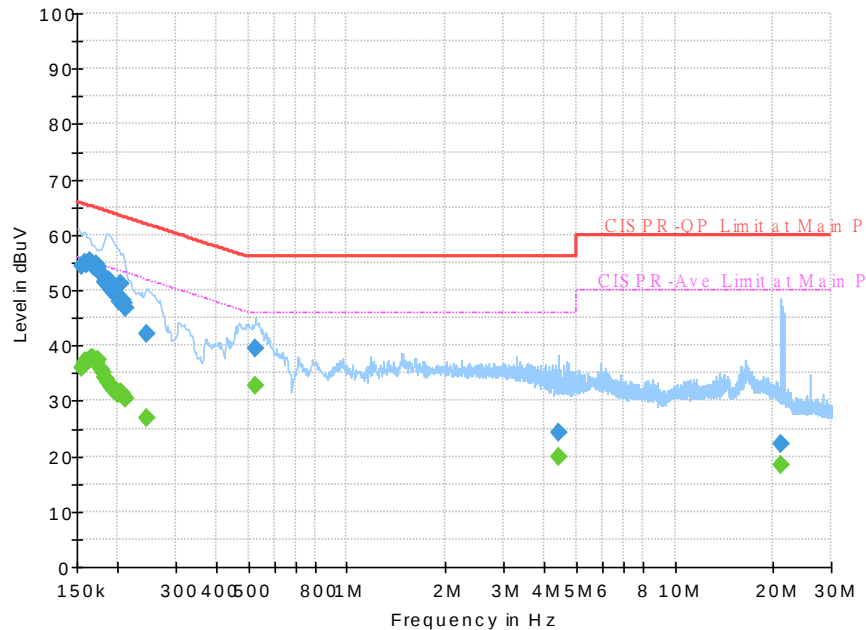
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	35.96	55.75	19.79	N	OFF	19.5
0.154500	54.27	---	65.75	11.48	N	OFF	19.5
0.159000	---	37.28	55.52	18.24	N	OFF	19.5
0.159000	55.11	---	65.52	10.41	N	OFF	19.5
0.161250	---	37.14	55.40	18.26	N	OFF	19.5
0.161250	54.63	---	65.40	10.77	N	OFF	19.5
0.163500	---	37.31	55.28	17.97	N	OFF	19.5
0.163500	55.21	---	65.28	10.07	N	OFF	19.5
0.165750	---	37.85	55.17	17.32	N	OFF	19.5
0.165750	55.01	---	65.17	10.16	N	OFF	19.5
0.168000	---	37.85	55.06	17.21	N	OFF	19.5
0.168000	54.31	---	65.06	10.75	N	OFF	19.5
0.170250	---	37.08	54.95	17.87	N	OFF	19.5
0.170250	54.17	---	64.95	10.78	N	OFF	19.5
0.172500	---	36.91	54.84	17.93	N	OFF	19.5
0.172500	54.54	---	64.84	10.30	N	OFF	19.5
0.174750	---	37.40	54.73	17.33	N	OFF	19.5
0.174750	54.01	---	64.73	10.72	N	OFF	19.5
0.177000	---	35.56	54.63	19.07	N	OFF	19.5
0.177000	52.82	---	64.63	11.81	N	OFF	19.5

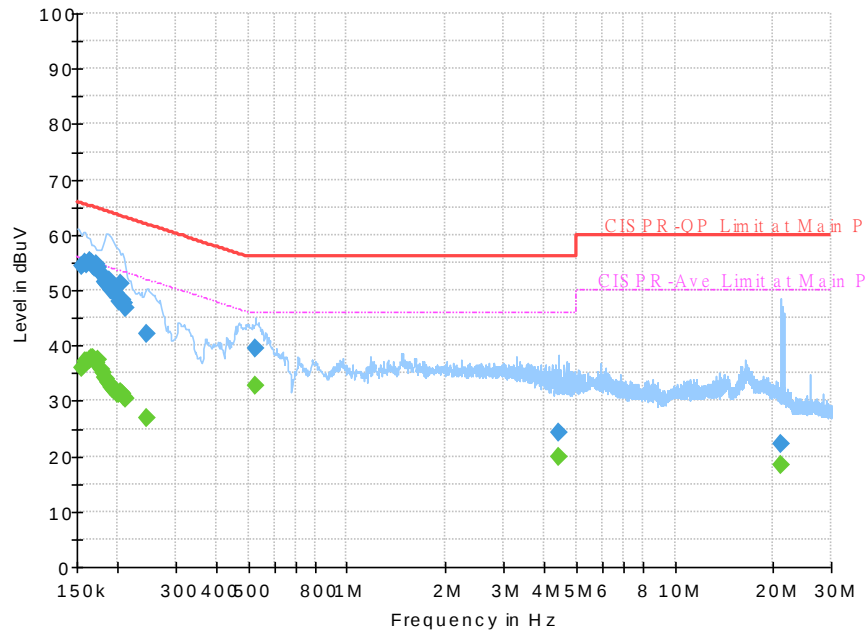
Test Mode :	Mode 8	Temperature :	22~26°C
Test Engineer :	Rick Lin and Jimmy Chang	Relative Humidity :	48~60%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.179250	---	35.22	54.52	19.30	N	OFF	19.5
0.179250	52.75	---	64.52	11.77	N	OFF	19.5
0.181500	---	34.20	54.42	20.22	N	OFF	19.5
0.181500	51.53	---	64.42	12.89	N	OFF	19.5
0.183750	---	33.78	54.31	20.53	N	OFF	19.5
0.183750	51.20	---	64.31	13.11	N	OFF	19.5
0.186000	---	33.45	54.21	20.76	N	OFF	19.5
0.186000	51.40	---	64.21	12.81	N	OFF	19.5
0.188250	---	33.00	54.11	21.11	N	OFF	19.5
0.188250	51.84	---	64.11	12.27	N	OFF	19.5
0.190500	---	32.33	54.02	21.69	N	OFF	19.5
0.190500	50.00	---	64.02	14.02	N	OFF	19.5
0.192750	---	32.09	53.92	21.83	N	OFF	19.5
0.192750	50.26	---	63.92	13.66	N	OFF	19.5
0.195000	---	31.91	53.82	21.91	N	OFF	19.5
0.195000	49.89	---	63.82	13.93	N	OFF	19.5
0.197250	---	31.74	53.73	21.99	N	OFF	19.5
0.197250	49.42	---	63.73	14.31	N	OFF	19.5
0.199500	---	31.29	53.63	22.34	N	OFF	19.5
0.199500	48.77	---	63.63	14.86	N	OFF	19.5

Test Mode :	Mode 8	Temperature :	22~26°C
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.		



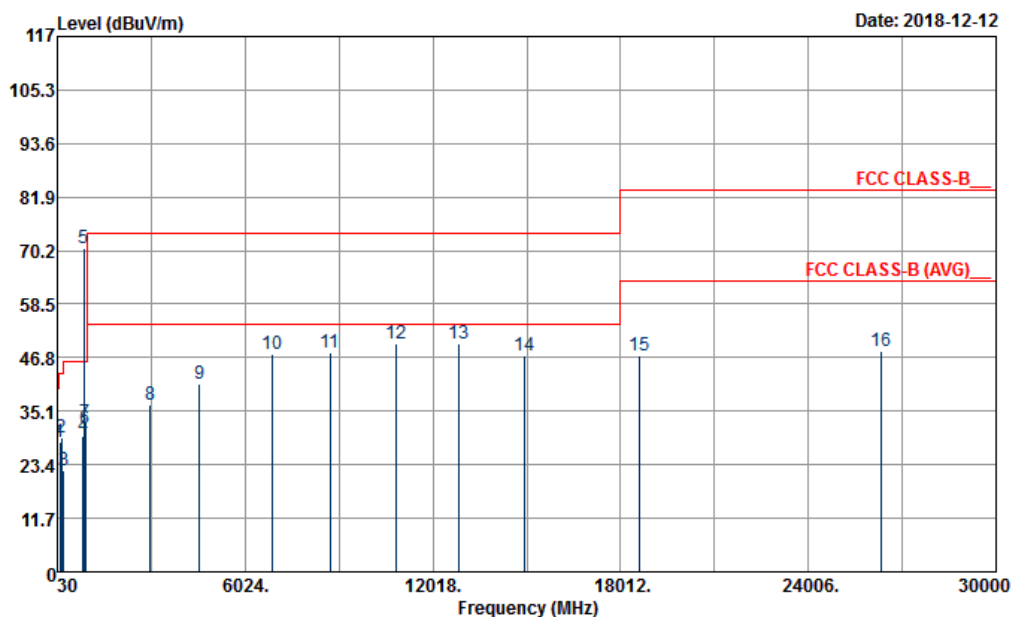
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.201750	---	31.25	53.54	22.29	N	OFF	19.5
0.201750	47.94	---	63.54	15.60	N	OFF	19.5
0.204000	---	31.62	53.45	21.83	N	OFF	19.5
0.204000	51.07	---	63.45	12.38	N	OFF	19.5
0.206250	---	31.26	53.36	22.10	N	OFF	19.5
0.206250	48.34	---	63.36	15.02	N	OFF	19.5
0.208500	---	30.70	53.27	22.57	N	OFF	19.5
0.208500	47.73	---	63.27	15.54	N	OFF	19.5
0.210750	---	30.27	53.18	22.91	N	OFF	19.5
0.210750	46.79	---	63.18	16.39	N	OFF	19.5
0.244500	---	27.01	51.94	24.93	N	OFF	19.5
0.244500	41.96	---	61.94	19.98	N	OFF	19.5
0.525750	---	32.79	46.00	13.21	N	OFF	19.5
0.525750	39.56	---	56.00	16.44	N	OFF	19.5
4.411500	---	19.81	46.00	26.19	N	OFF	19.6
4.411500	24.21	---	56.00	31.79	N	OFF	19.6
21.077250	---	18.53	50.00	31.47	N	OFF	19.9
21.077250	22.19	---	60.00	37.81	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 :	#5 is system simulator signal which can be ignored.		



Site : 03CH06-HY

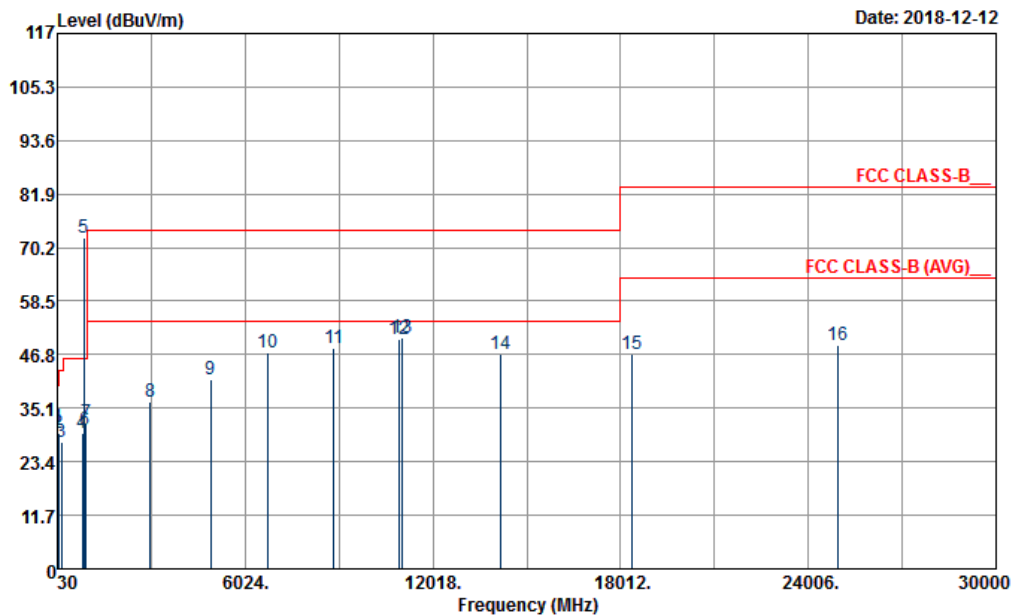
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	A/Pos	T/Pos		Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	123.69	28.40	-15.10	43.50	41.27	17.50	1.36	31.73	---	---	Peak
2	156.90	29.20	-14.30	43.50	43.05	16.44	1.43	31.72	---	---	Peak
3	242.22	22.01	-23.99	46.00	34.53	17.33	1.85	31.70	---	---	Peak
4	841.80	29.74	-16.26	46.00	28.71	29.18	3.55	31.70	---	---	Peak
5 *	869.10	70.81			69.70	29.08	3.61	31.58	---	---	Peak
6	912.50	31.14	-14.86	46.00	29.26	29.47	3.74	31.33	---	---	Peak
7	931.40	32.46	-13.54	46.00	29.78	30.06	3.79	31.17	100	154	Peak
8	2998.00	36.48	-37.52	74.00	61.70	28.50	7.18	61.40	---	---	Peak
9	4574.00	41.04	-32.96	74.00	60.56	30.73	9.38	60.19	---	---	Peak
10	6880.00	47.47	-26.53	74.00	56.44	34.90	13.84	58.62	---	---	Peak
11	8742.00	47.80	-26.20	74.00	52.44	37.80	13.78	57.59	---	---	Peak
12	10864.00	49.99	-24.01	74.00	50.13	40.37	15.07	56.78	100	135	Peak
13	12864.00	49.98	-24.02	74.00	51.61	39.17	16.81	58.76	---	---	Peak
14	14949.00	47.27	-26.73	74.00	45.56	40.85	18.57	57.71	---	---	Peak
15	18612.00	47.22	-36.32	83.54	46.53	37.57	14.00	50.88	---	---	Peak
16	26352.00	48.13	-35.41	83.54	42.28	39.35	16.88	50.38	---	---	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 :	#5 is system simulator signal which can be ignored.		



Site : 03CH06-HY

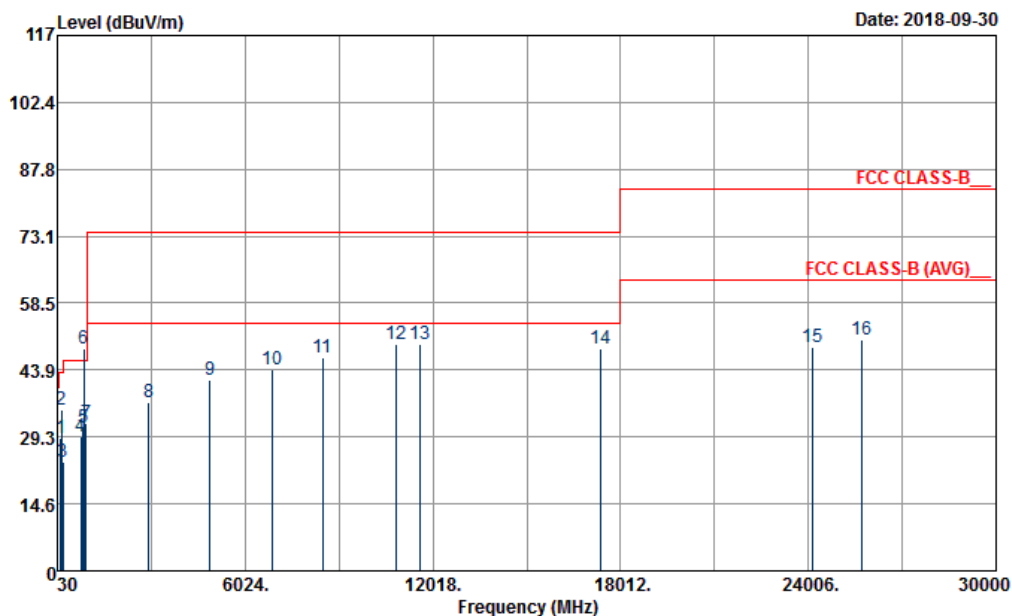
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	43.50	31.05	-8.95	40.00	45.13	16.84	0.84	31.76	100	195 Peak
2	74.55	29.81	-10.19	40.00	48.02	12.51	1.03	31.75	---	---
3	157.98	27.58	-15.92	43.50	41.47	16.40	1.43	31.72	---	---
4	824.30	29.80	-16.20	46.00	29.32	28.70	3.55	31.77	---	---
5 *	869.10	72.31			71.20	29.08	3.61	31.58	---	---
6	914.60	30.28	-15.72	46.00	28.32	29.53	3.74	31.31	---	---
7	949.60	31.80	-14.20	46.00	28.52	30.49	3.79	31.00	---	---
8	2992.00	36.48	-37.52	74.00	61.69	28.50	7.18	61.39	---	---
9	4918.00	41.25	-32.75	74.00	59.12	31.23	9.18	58.67	---	---
10	6732.00	47.21	-26.79	74.00	57.10	34.37	13.48	58.66	---	---
11	8856.00	48.36	-25.64	74.00	52.86	38.00	13.78	57.73	---	---
12	10924.00	50.09	-23.91	74.00	50.01	40.43	15.11	56.66	---	---
13	11058.00	50.49	-23.51	74.00	50.32	40.23	15.21	56.46	100	152 Peak
14	14166.00	46.91	-27.09	74.00	45.03	41.46	18.22	57.80	---	---
15	18372.00	46.89	-36.65	83.54	46.53	37.42	13.89	50.95	---	---
16	24972.00	48.82	-34.72	83.54	44.12	39.08	16.42	50.80	---	---



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

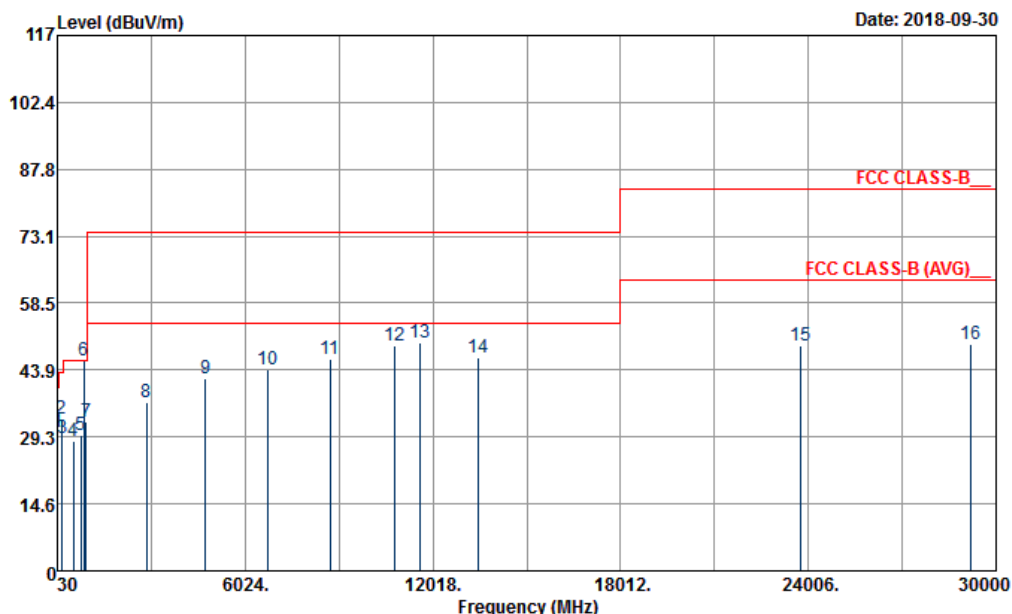
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	147.18	29.14	-14.36	43.50	42.38	16.88	1.60	31.72	---	---
2	167.43	35.08	-8.42	43.50	49.54	15.57	1.69	31.72	100	120
3	204.69	23.90	-19.60	43.50	38.74	14.92	1.95	31.71	---	---
4	790.70	29.38	-16.62	46.00	29.33	28.07	3.87	31.89	---	---
5	855.10	31.26	-14.74	46.00	29.96	28.92	4.02	31.64	---	---
6 *	881.40	48.42			46.72	29.10	4.12	31.52	---	---
7	953.80	32.36	-13.64	46.00	28.42	30.76	4.14	30.96	---	---
8	2950.00	36.88	-37.12	74.00	61.73	28.50	8.02	61.37	---	---
9	4908.00	41.63	-32.37	74.00	58.44	31.23	10.69	58.73	---	---
10	6892.00	44.03	-29.97	74.00	54.76	35.00	12.89	58.62	---	---
11	8510.00	46.76	-27.24	74.00	52.43	37.07	14.56	57.30	---	---
12	10834.00	49.62	-24.38	74.00	49.60	40.33	16.57	56.88	100	138
13	11592.00	49.58	-24.42	74.00	48.39	39.73	17.73	56.27	---	---
14	17397.00	48.56	-25.44	74.00	40.66	42.24	22.20	56.54	---	---
15	24144.00	48.91	-34.63	83.54	41.36	38.86	19.14	50.45	---	---
16	25704.00	50.56	-32.98	83.54	42.67	39.04	19.31	50.46	---	---



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

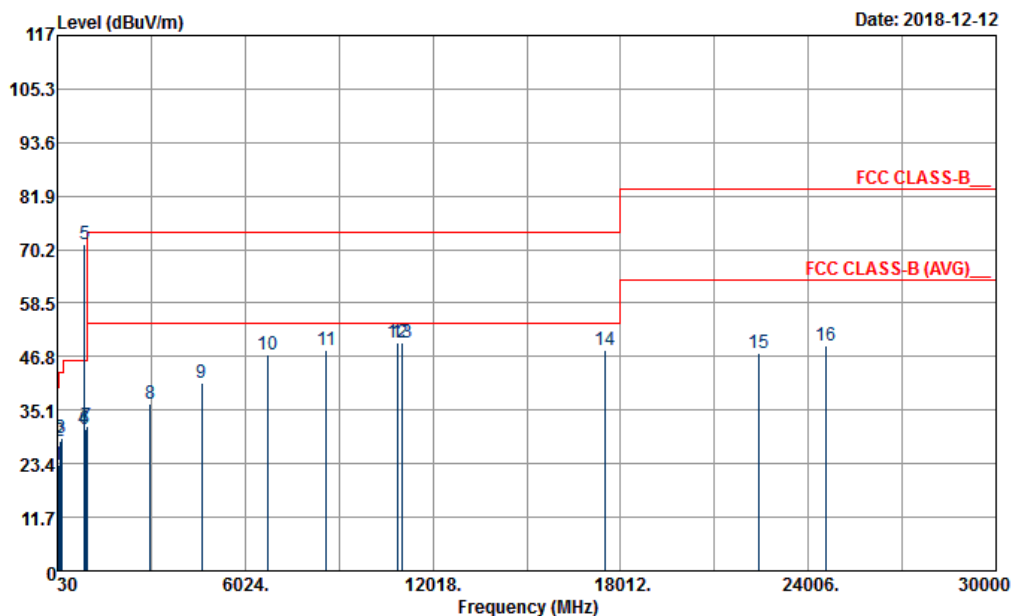
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	40.53	30.15	-9.85	40.00	42.42	18.68	0.81	31.76	100	130 Peak
2	163.11	33.29	-10.21	43.50	47.31	16.03	1.67	31.72	---	---
3	195.24	28.91	-14.59	43.50	44.05	14.69	1.88	31.71	---	---
4	533.80	28.22	-17.78	46.00	33.00	23.94	3.14	31.86	---	---
5	773.20	29.73	-16.27	46.00	29.88	27.97	3.79	31.91	---	---
6	881.40	45.95			44.25	29.10	4.12	31.52	---	---
7	935.60	32.54	-13.46	46.00	29.61	29.91	4.14	31.12	---	---
8	2878.00	36.86	-37.14	74.00	62.11	28.23	7.85	61.33	---	---
9	4770.00	42.06	-31.94	74.00	59.81	31.00	10.59	59.34	---	---
10	6736.00	43.98	-30.02	74.00	55.53	34.37	12.73	58.65	---	---
11	8726.00	46.15	-27.85	74.00	51.21	37.70	14.81	57.57	---	---
12	10816.00	49.21	-24.79	74.00	49.23	40.32	16.57	56.91	---	---
13	11592.00	49.95	-24.05	74.00	48.76	39.73	17.73	56.27	100	105 Peak
14	13464.00	46.61	-27.39	74.00	44.81	39.59	19.50	57.29	---	---
15	23772.00	49.28	-34.26	83.54	41.71	38.70	19.13	50.26	---	---
16	29172.00	49.50	-34.04	83.54	37.44	40.80	21.89	50.63	---	---



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



Site : 03CH06-HY

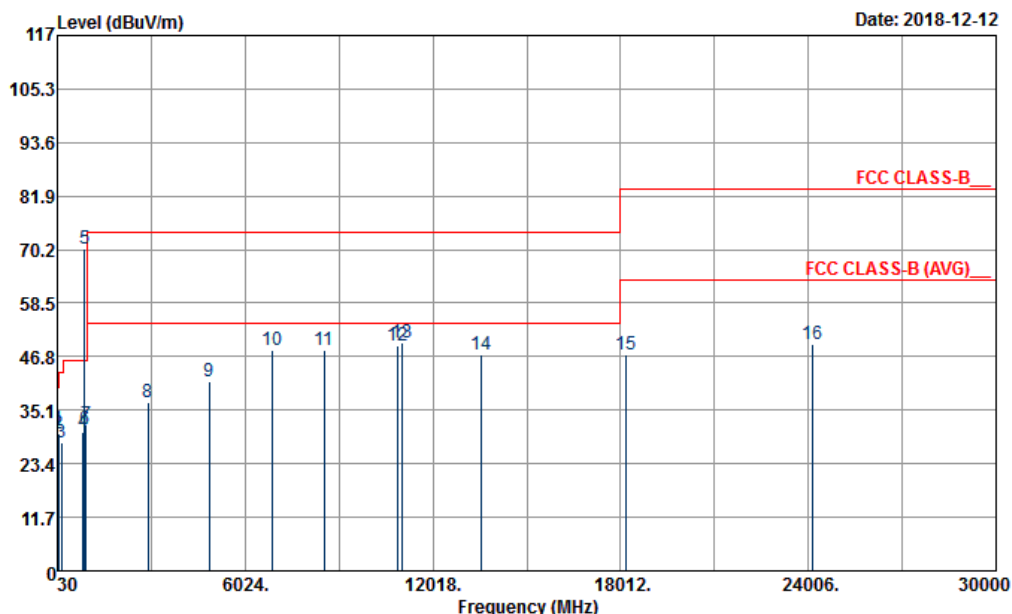
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	75.63	23.26	-16.74	40.00	41.38	12.59	1.03	31.74	---	---
2	121.53	28.38	-15.12	43.50	41.27	17.48	1.36	31.73	---	---
3	156.90	29.15	-14.35	43.50	43.00	16.44	1.43	31.72	---	---
4	868.40	30.89	-15.11	46.00	29.76	29.10	3.61	31.58	---	---
5 *	893.60	71.37			70.15	29.02	3.67	31.47	---	---
6	931.40	30.88	-15.12	46.00	28.20	30.06	3.79	31.17	---	---
7	959.40	31.69	-14.31	46.00	27.89	30.74	3.98	30.92	100	131
8	2994.00	36.56	-37.44	74.00	61.77	28.50	7.18	61.39	---	---
9	4650.00	41.02	-32.98	74.00	59.83	31.00	9.46	59.83	---	---
10	6748.00	47.32	-26.68	74.00	56.95	34.40	13.66	58.65	---	---
11	8614.00	48.09	-25.91	74.00	53.01	37.33	13.92	57.44	---	---
12	10876.00	49.81	-24.19	74.00	49.92	40.38	15.09	56.78	---	---
13	11016.00	49.82	-24.18	74.00	49.52	40.43	15.17	56.49	100	142
14	17532.00	48.34	-25.66	74.00	40.30	42.32	21.40	55.68	---	---
15	22428.00	47.57	-35.97	83.54	44.40	37.98	15.51	50.32	---	---
16	24552.00	49.08	-34.46	83.54	44.79	38.79	16.30	50.80	---	---



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



Site : 03CH06-HY

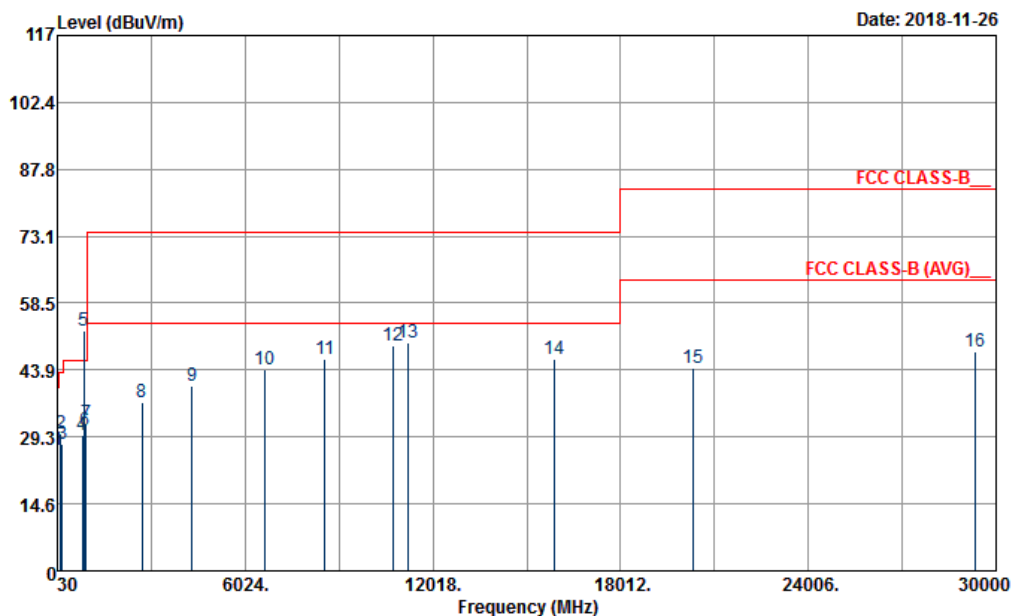
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	43.50	31.04	-8.96	40.00	45.12	16.84	0.84	31.76	100	196 Peak
2	75.63	29.83	-10.17	40.00	47.95	12.59	1.03	31.74	---	---
3	155.82	27.93	-15.57	43.50	41.73	16.49	1.43	31.72	---	---
4	847.40	30.26	-15.74	46.00	29.13	29.25	3.55	31.67	---	---
5 *	893.60	70.26			69.04	29.02	3.67	31.47	---	---
6	920.20	31.11	-14.89	46.00	28.90	29.73	3.74	31.26	---	---
7	949.60	31.95	-14.05	46.00	28.67	30.49	3.79	31.00	---	---
8	2934.00	36.94	-37.06	74.00	62.30	28.43	7.10	61.36	---	---
9	4868.00	41.37	-32.63	74.00	59.16	31.17	9.49	58.91	---	---
10	6886.00	48.22	-25.78	74.00	57.19	34.90	13.84	58.62	---	---
11	8548.00	48.14	-25.86	74.00	53.17	37.20	13.85	57.35	---	---
12	10892.00	49.05	-24.95	74.00	49.08	40.40	15.09	56.72	---	---
13	11036.00	49.97	-24.03	74.00	49.69	40.37	15.19	56.47	100	112 Peak
14	13545.00	47.19	-26.81	74.00	47.60	40.15	17.60	58.16	---	---
15	18168.00	47.31	-36.23	83.54	47.25	37.30	13.79	51.03	---	---
16	24132.00	49.46	-34.08	83.54	45.38	38.49	16.17	50.58	---	---



Mode :	Mode 4	Temperature :	22~27°C
Test Engineer :	Eric Jeng and Donny Tang	Relative Humidity :	52~55%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



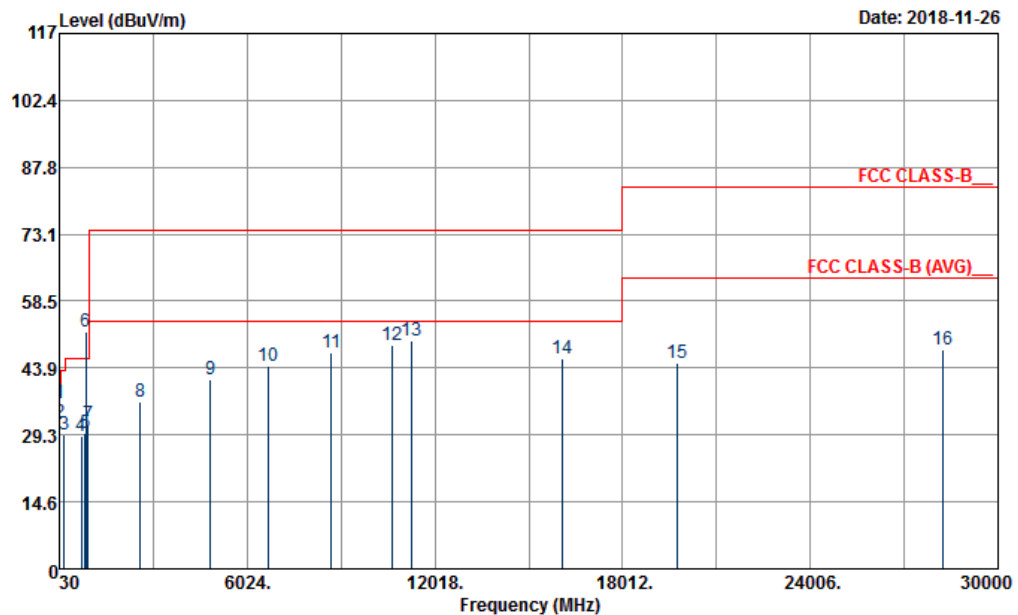
Site : 03CH06-HY

Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 HORIZONTAL

Power : 12Vdc

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	51.87	26.47	-13.53	40.00	44.25	13.14	0.84	31.76	100	153 Peak
2	133.68	29.82	-13.68	43.50	42.84	17.34	1.36	31.72	---	---
3	183.09	27.68	-15.82	43.50	43.22	14.63	1.54	31.71	---	---
4	834.10	29.60	-16.40	46.00	28.78	29.00	3.55	31.73	---	---
5 *	881.70	52.32			51.22	28.95	3.67	31.52	---	---
6	917.40	30.70	-15.30	46.00	28.62	29.63	3.74	31.29	---	---
7	951.00	32.10	-13.90	46.00	28.79	30.51	3.79	30.99	---	---
8	2730.00	36.95	-37.05	74.00	63.38	27.97	6.84	61.24	---	---
9	4326.00	40.52	-33.48	74.00	61.85	30.17	9.37	60.87	---	---
10	6676.00	44.00	-30.00	74.00	55.26	34.30	13.11	58.67	---	---
11	8582.00	46.24	-27.76	74.00	52.47	37.27	13.90	57.40	---	---
12	10746.00	49.24	-24.76	74.00	51.24	40.06	15.01	57.07	---	---
13	11208.00	49.79	-24.21	74.00	51.03	39.80	15.29	56.33	100	121 Peak
14	15903.00	46.32	-27.68	74.00	46.56	37.28	19.00	56.52	---	---
15	20340.00	44.34	-39.20	83.54	42.53	37.67	14.77	50.63	---	---
16	29340.00	47.93	-35.61	83.54	40.56	40.17	18.10	50.90	---	---

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.		



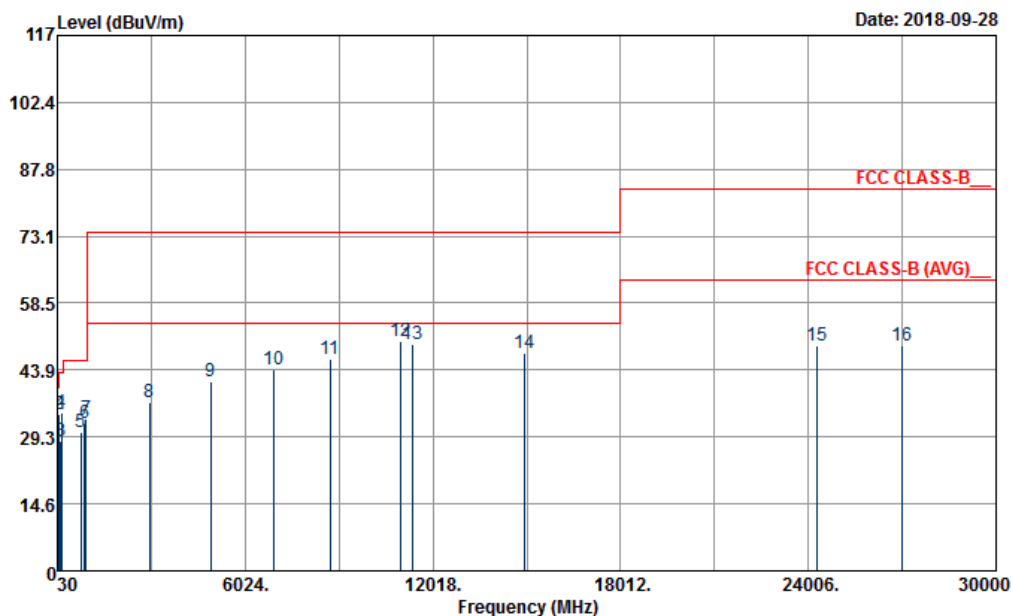
Site : 03CH06-HY
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_181120 VERTICAL

Power : 12Vdc

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp	A/Pos	T/Pos	Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	31.89	36.16	-3.84	40.00	44.10	23.21	0.62	31.77	100	184	Peak
2	44.31	31.93	-8.07	40.00	46.51	16.34	0.84	31.76	---	---	Peak
3	183.09	29.44	-14.06	43.50	44.98	14.63	1.54	31.71	---	---	Peak
4	744.50	28.94	-17.06	46.00	29.72	27.80	3.37	31.95	---	---	Peak
5	840.40	29.77	-16.23	46.00	28.77	29.15	3.55	31.70	---	---	Peak
6 *	881.70	51.93			50.83	28.95	3.67	31.52	---	---	Peak
7	948.90	31.77	-14.23	46.00	28.52	30.47	3.79	31.01	---	---	Peak
8	2616.00	36.47	-37.53	74.00	62.53	27.67	7.44	61.17	---	---	Peak
9	4848.00	41.30	-32.70	74.00	58.49	31.10	10.68	58.97	---	---	Peak
10	6696.00	44.35	-29.65	74.00	56.04	34.30	12.67	58.66	---	---	Peak
11	8710.00	47.36	-26.64	74.00	52.41	37.70	14.81	57.56	---	---	Peak
12	10670.00	49.05	-24.95	74.00	50.00	39.93	16.34	57.22	---	---	Peak
13	11254.00	49.91	-24.09	74.00	49.26	39.75	17.20	56.30	100	109	Peak
14	16065.00	45.84	-28.16	74.00	45.70	37.47	19.13	56.46	---	---	Peak
15	19752.00	44.83	-38.71	83.54	43.44	37.55	14.54	50.70	---	---	Peak
16	28236.00	47.76	-35.78	83.54	41.14	39.69	17.63	50.70	---	---	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

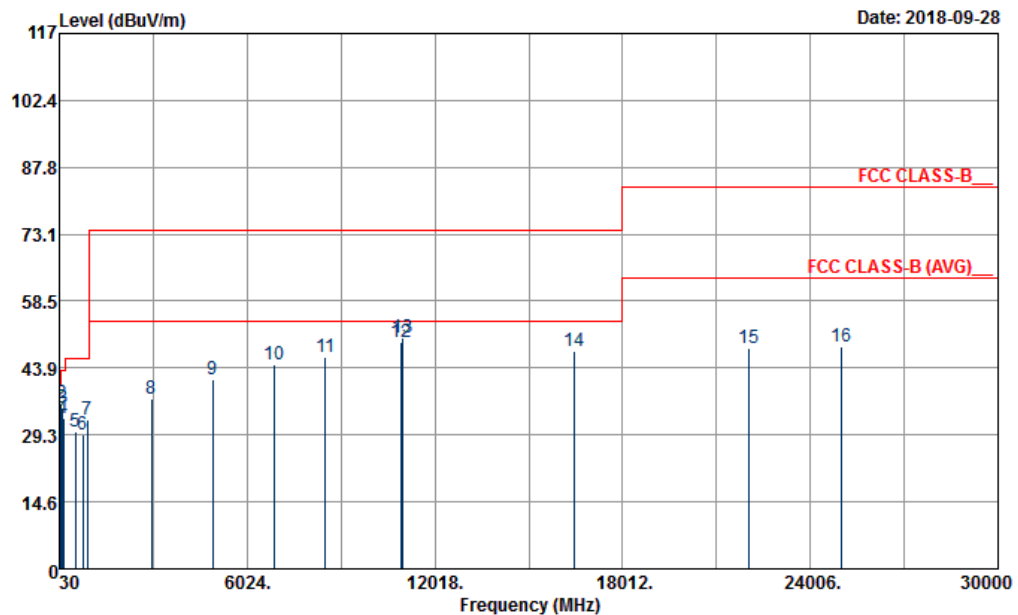
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	A/Pos	T/Pos	Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	21.61	-18.39	40.00	28.50	24.17	0.71	31.77	---	---	Peak
2	88.05	34.24			50.43	14.30	1.25	31.74	---	---	Peak
3	146.10	28.20	-15.30	43.50	41.44	16.89	1.59	31.72	---	---	Peak
4	166.35	34.53	-8.97	43.50	48.89	15.67	1.69	31.72	100	0	Peak
5	781.60	30.36	-15.64	46.00	30.42	28.01	3.83	31.90	---	---	Peak
6	899.90	32.23	-13.77	46.00	30.51	28.97	4.19	31.44	---	---	Peak
7	949.60	33.21	-12.79	46.00	29.53	30.56	4.12	31.00	---	---	Peak
8	2962.00	36.95	-37.05	74.00	61.81	28.50	8.02	61.38	---	---	Peak
9	4916.00	41.35	-32.65	74.00	58.09	31.23	10.70	58.67	---	---	Peak
10	6946.00	44.16	-29.84	74.00	54.79	35.10	12.88	58.61	---	---	Peak
11	8746.00	46.25	-27.75	74.00	51.12	37.90	14.82	57.59	---	---	Peak
12	10972.00	50.20	-23.80	74.00	49.49	40.48	16.79	56.56	100	108	Peak
13	11390.00	49.40	-24.60	74.00	48.38	39.78	17.43	56.19	---	---	Peak
14	14958.00	47.48	-26.52	74.00	43.22	40.40	20.39	56.53	---	---	Peak
15	24264.00	49.23	-34.31	83.54	41.56	39.03	19.15	50.51	---	---	Peak
16	26988.00	49.16	-34.38	83.54	39.46	39.80	20.30	50.40	---	---	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

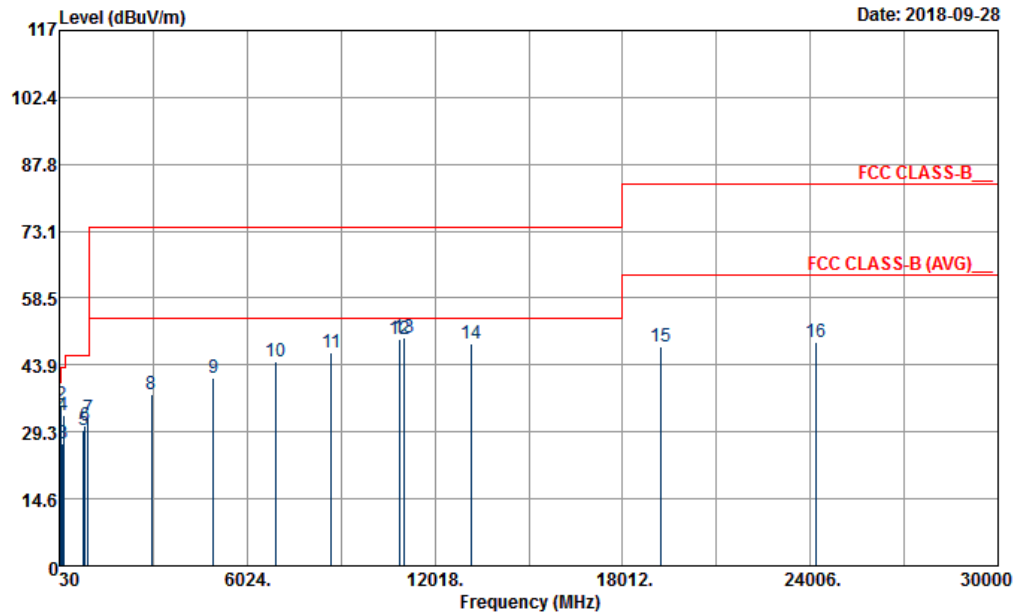
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	41.07	30.38	-9.62	40.00	42.65	18.68	0.81	31.76	---	---
2	88.05	36.31			52.50	14.30	1.25	31.74	---	---
3	148.26	35.35	-8.15	43.50	48.59	16.88	1.60	31.72	100	63
4	165.27	32.97	-10.53	43.50	47.14	15.87	1.68	31.72	---	---
5	533.80	29.87	-16.13	46.00	34.65	23.94	3.14	31.86	---	---
6	777.40	29.30	-16.70	46.00	29.41	27.99	3.81	31.91	---	---
7	931.40	32.47	-13.53	46.00	29.76	29.73	4.15	31.17	---	---
8	2962.00	37.23	-36.77	74.00	62.09	28.50	8.02	61.38	---	---
9	4928.00	41.25	-32.75	74.00	57.89	31.27	10.70	58.61	---	---
10	6884.00	44.64	-29.36	74.00	55.47	34.90	12.89	58.62	---	---
11	8518.00	46.30	-27.70	74.00	51.94	37.07	14.61	57.32	---	---
12	10960.00	49.41	-24.59	74.00	48.78	40.47	16.75	56.59	---	---
13	11002.00	50.48	-23.52	74.00	49.65	40.50	16.83	56.50	100	152
14	16452.00	47.71	-26.29	74.00	43.90	38.23	21.33	55.75	---	---
15	22020.00	48.39	-35.15	83.54	41.49	38.01	19.19	50.30	---	---
16	24996.00	48.53	-35.01	83.54	40.90	39.00	19.23	50.60	---	---



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

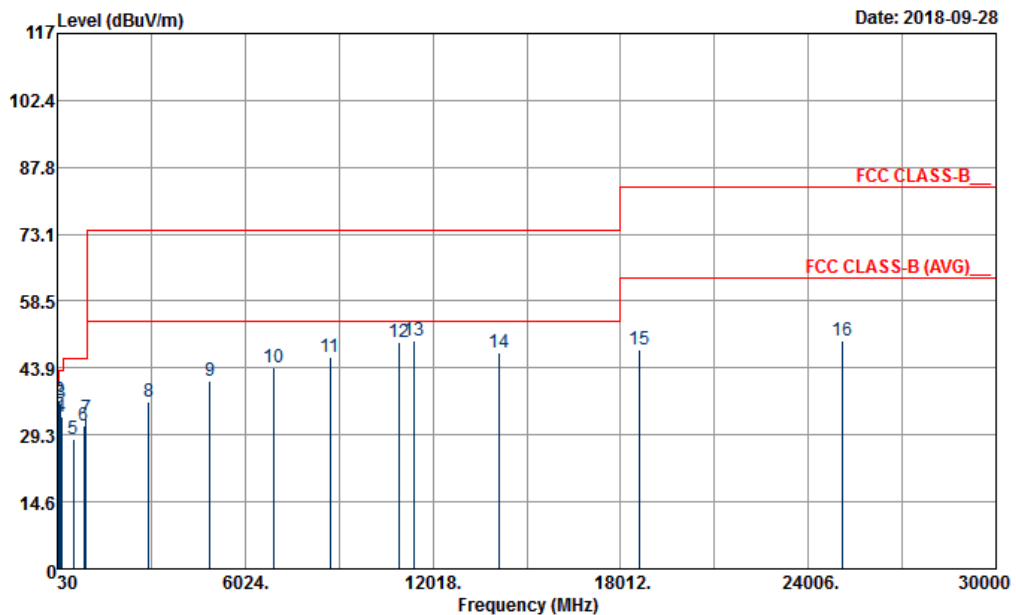
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level 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	22.11	-17.89	40.00	29.00	24.17	0.71	31.77	---	---	Peak
2	98.04	35.16			50.03	15.55	1.31	31.73	---	---	Peak
3	145.02	26.83	-16.67	43.50	40.07	16.89	1.59	31.72	---	---	Peak
4	170.67	33.03	-10.47	43.50	47.75	15.30	1.70	31.72	100	74	Peak
5	795.60	29.54	-16.46	46.00	29.43	28.10	3.89	31.88	---	---	Peak
6	858.60	30.59	-15.41	46.00	29.19	28.99	4.03	31.62	---	---	Peak
7	956.60	32.36	-13.64	46.00	28.23	30.92	4.15	30.94	---	---	Peak
8	2966.00	37.33	-36.67	74.00	62.14	28.50	8.07	61.38	---	---	Peak
9	4938.00	40.92	-33.08	74.00	57.52	31.30	10.71	58.61	---	---	Peak
10	6922.00	44.62	-29.38	74.00	55.32	35.03	12.89	58.62	---	---	Peak
11	8724.00	46.70	-27.30	74.00	51.76	37.70	14.81	57.57	---	---	Peak
12	10888.00	49.66	-24.34	74.00	49.33	40.40	16.68	56.75	---	---	Peak
13	11042.00	50.00	-24.00	74.00	49.26	40.30	16.91	56.47	100	100	Peak
14	13203.00	48.66	-25.34	74.00	47.76	38.86	19.28	57.24	---	---	Peak
15	19212.00	48.07	-35.47	83.54	43.55	37.74	17.34	50.56	---	---	Peak
16	24204.00	48.98	-34.56	83.54	41.37	38.95	19.14	50.48	---	---	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

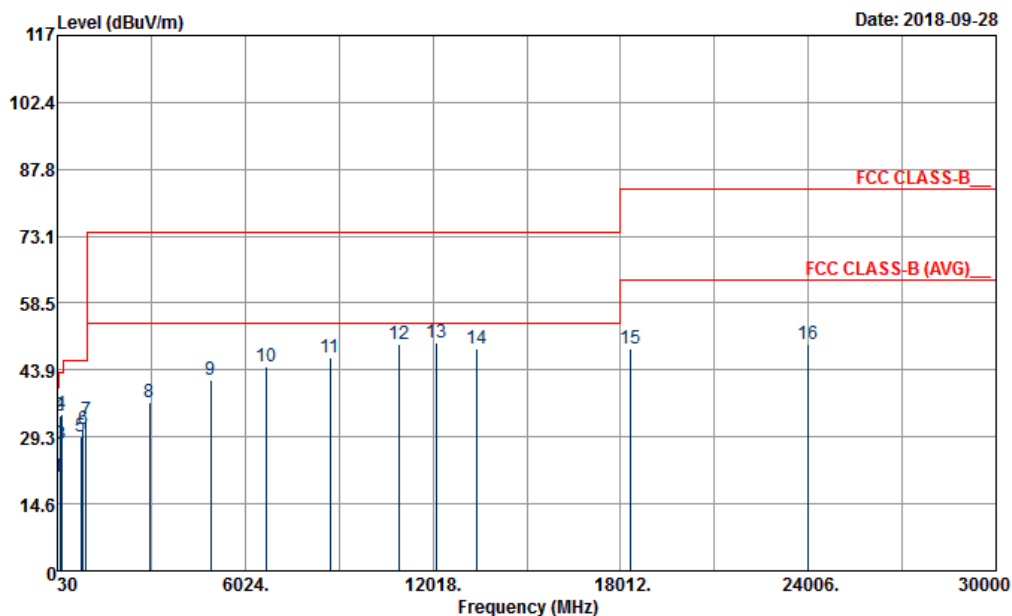
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp	A/Pos	T/Pos			
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	42.96	29.54	-10.46	40.00	42.83	17.61	0.86	31.76	---	---	Peak
2	98.04	36.81			51.68	15.55	1.31	31.73	---	---	Peak
3	146.10	36.19	-7.31	43.50	49.43	16.89	1.59	31.72	100	101	Peak
4	164.19	33.28	-10.22	43.50	47.37	15.95	1.68	31.72	---	---	Peak
5	533.80	28.20	-17.80	46.00	32.98	23.94	3.14	31.86	---	---	Peak
6	879.60	31.23	-14.77	46.00	29.54	29.11	4.11	31.53	---	---	Peak
7	941.20	32.79	-13.21	46.00	29.64	30.10	4.13	31.08	---	---	Peak
8	2944.00	36.44	-37.56	74.00	61.36	28.43	8.02	61.37	---	---	Peak
9	4910.00	40.92	-33.08	74.00	57.73	31.23	10.69	58.73	---	---	Peak
10	6944.00	44.05	-29.95	74.00	54.68	35.10	12.88	58.61	---	---	Peak
11	8738.00	46.36	-27.64	74.00	51.33	37.80	14.82	57.59	---	---	Peak
12	10962.00	49.51	-24.49	74.00	48.85	40.47	16.75	56.56	---	---	Peak
13	11406.00	49.86	-24.14	74.00	48.81	39.80	17.43	56.18	100	114	Peak
14	14157.00	47.13	-26.87	74.00	43.45	40.90	19.99	57.21	---	---	Peak
15	18612.00	47.87	-35.67	83.54	43.16	38.01	17.38	50.68	---	---	Peak
16	25092.00	49.77	-33.77	83.54	42.11	39.00	19.24	50.58	---	---	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 :	#2 is system simulator signal which can be ignored.		



Site : 03CH06-HY

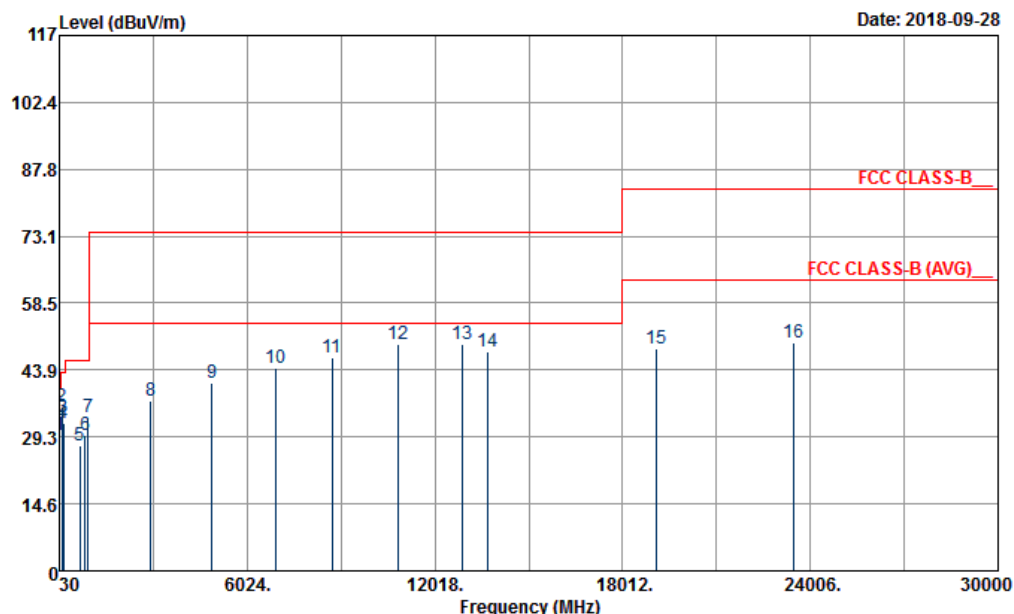
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 HORIZONTAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.00	20.63	-19.37	40.00	27.52	24.17	0.71	31.77	---	---	Peak
2	108.03	33.74			47.57	16.51	1.39	31.73	---	---	Peak
3	146.10	27.84	-15.66	43.50	41.08	16.89	1.59	31.72	---	---	Peak
4	167.43	34.37	-9.13	43.50	48.83	15.57	1.69	31.72	100	55	Peak
5	787.90	29.18	-16.82	46.00	29.16	28.05	3.86	31.89	---	---	Peak
6	863.50	31.12	-14.88	46.00	29.62	29.05	4.05	31.60	---	---	Peak
7	956.60	32.77	-13.23	46.00	28.64	30.92	4.15	30.94	---	---	Peak
8	2964.00	36.75	-37.25	74.00	61.56	28.50	8.07	61.38	---	---	Peak
9	4924.00	41.78	-32.22	74.00	58.48	31.27	10.70	58.67	---	---	Peak
10	6724.00	44.50	-29.50	74.00	56.06	34.37	12.73	58.66	---	---	Peak
11	8728.00	46.50	-27.50	74.00	51.46	37.80	14.81	57.57	---	---	Peak
12	10962.00	49.56	-24.44	74.00	48.90	40.47	16.75	56.56	---	---	Peak
13	12134.00	49.90	-24.10	74.00	49.80	39.03	18.43	57.36	100	110	Peak
14	13410.00	48.60	-25.40	74.00	46.99	39.45	19.44	57.28	---	---	Peak
15	18348.00	48.42	-35.12	83.54	43.80	37.95	17.40	50.73	---	---	Peak
16	24012.00	49.61	-33.93	83.54	42.19	38.70	19.12	50.40	---	---	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

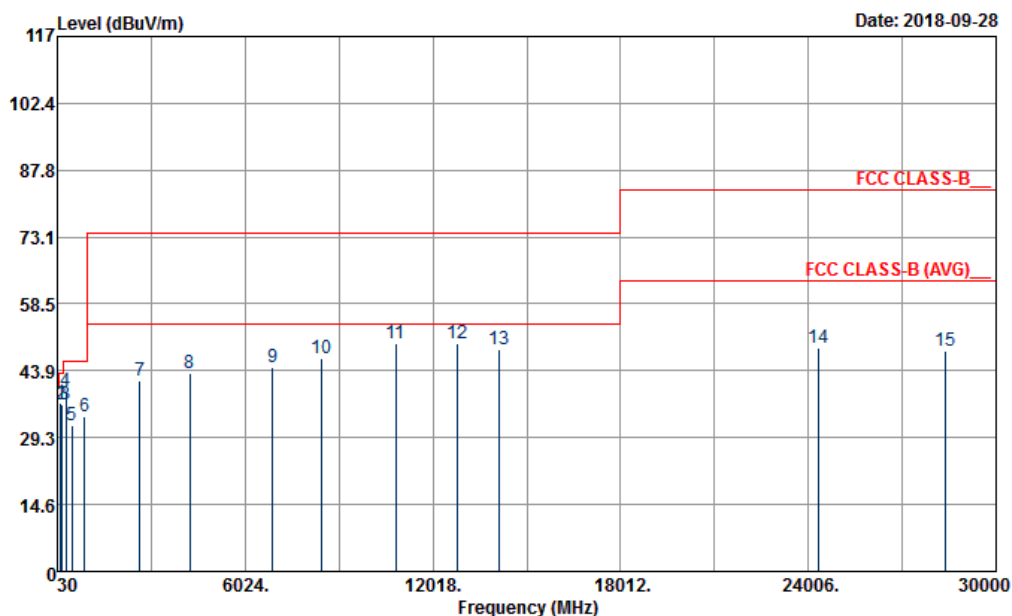
Condition : FCC CLASS-B__ 1m SHF_ANT_0251_171110 VERTICAL

Power : 120Vac/60Hz

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	A/Pos	T/Pos	Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	41.88	29.72	-10.28	40.00	42.49	18.15	0.84	31.76	---	---	Peak
2	108.03	35.82			49.65	16.51	1.39	31.73	---	---	Peak
3	146.10	33.59	-9.91	43.50	46.83	16.89	1.59	31.72	100	210	Peak
4	168.51	32.13	-11.37	43.50	46.69	15.47	1.69	31.72	---	---	Peak
5	681.50	27.26	-18.74	46.00	29.35	26.34	3.56	31.99	---	---	Peak
6	848.10	29.80	-16.20	46.00	28.75	28.72	4.00	31.67	---	---	Peak
7	943.30	33.68	-12.32	46.00	30.36	30.25	4.13	31.06	---	---	Peak
8	2958.00	37.03	-36.97	74.00	61.89	28.50	8.02	61.38	---	---	Peak
9	4904.00	40.92	-33.08	74.00	57.73	31.23	10.69	58.73	---	---	Peak
10	6942.00	44.36	-29.64	74.00	54.99	35.10	12.88	58.61	---	---	Peak
11	8726.00	46.52	-27.48	74.00	51.58	37.70	14.81	57.57	---	---	Peak
12	10824.00	49.53	-24.47	74.00	49.51	40.33	16.57	56.88	---	---	Peak
13	12914.00	49.59	-24.41	74.00	50.15	39.20	19.06	58.82	100	141	Peak
14	13725.00	48.04	-25.96	74.00	45.51	40.19	19.69	57.35	---	---	Peak
15	19068.00	48.57	-34.97	83.54	44.08	37.72	17.35	50.58	---	---	Peak
16	23496.00	49.74	-33.80	83.54	42.00	38.70	19.14	50.10	---	---	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

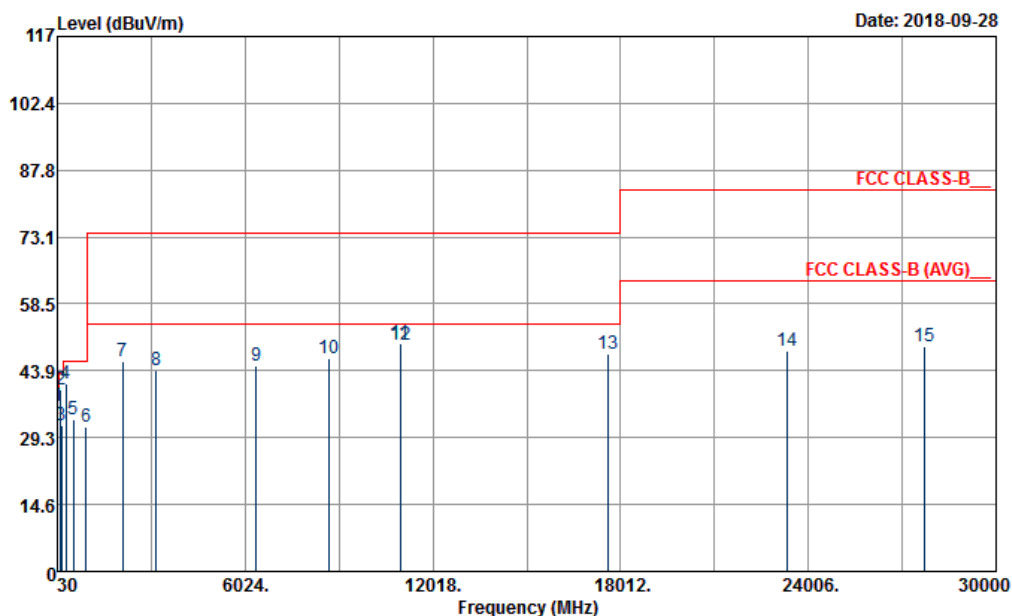
Condition : FCC CLASS-B_ 1m SHF_ANT_0251_171110 HORIZONTAL

Power : From System

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	140.43	36.76	-6.74	43.50	49.75	17.17	1.56	31.72	---	---	Peak
2	171.48	36.56	-6.94	43.50	51.35	15.22	1.71	31.72	---	---	Peak
3	300.00	36.44	-9.56	46.00	46.69	19.08	2.36	31.69	---	---	Peak
4	314.70	39.58	-6.42	46.00	49.51	19.35	2.42	31.70	100	120	QP
5	500.20	31.88	-14.12	46.00	36.98	23.70	3.02	31.82	---	---	Peak
6	899.90	33.85	-12.15	46.00	32.13	28.97	4.19	31.44	---	---	Peak
7	2666.00	41.68	-32.32	74.00	67.54	27.83	7.51	61.20	---	---	Peak
8	4266.00	43.40	-30.60	74.00	64.71	30.03	9.68	61.02	---	---	Peak
9	6910.00	44.72	-29.28	74.00	55.42	35.03	12.89	58.62	---	---	Peak
10	8472.00	46.46	-27.54	74.00	52.35	36.93	14.51	57.33	---	---	Peak
11	10838.00	49.73	-24.27	74.00	49.63	40.35	16.60	56.85	---	---	Peak
12	12800.00	49.76	-24.24	74.00	50.41	39.10	18.96	58.71	100	124	Peak
13	14130.00	48.44	-25.56	74.00	44.86	40.87	19.97	57.26	---	---	Peak
14	24336.00	49.03	-34.51	83.54	41.30	39.11	19.16	50.54	---	---	Peak
15	28368.00	48.11	-35.43	83.54	36.88	40.20	21.46	50.43	---	---	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

Power : From System

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	52.68	36.33	-3.67	40.00	53.67	13.34	1.08	31.76	100	130 Peak
2	141.78	39.72	-3.78	43.50	52.75	17.12	1.57	31.72	---	---
3	168.78	31.98	-11.52	43.50	46.54	15.47	1.69	31.72	---	---
4	314.70	41.06	-4.94	46.00	50.99	19.35	2.42	31.70	---	---
5	532.40	33.19	-12.81	46.00	37.99	23.92	3.14	31.86	---	---
6	946.10	31.72	-14.28	46.00	28.27	30.36	4.13	31.04	---	---
7	2126.00	45.82	-28.18	74.00	72.86	27.40	6.66	61.10	---	---
8	3196.00	43.92	-30.08	74.00	68.05	28.80	8.55	61.48	---	---
9	6376.00	44.93	-29.07	74.00	57.87	33.50	12.14	58.58	---	---
10	8718.00	46.60	-27.40	74.00	51.65	37.70	14.81	57.56	---	---
11	10978.00	49.75	-24.25	74.00	49.01	40.48	16.79	56.53	100	125 Peak
12	11006.00	49.59	-24.41	74.00	48.82	40.43	16.83	56.49	---	---
13	17631.00	47.68	-26.32	74.00	38.07	43.90	22.41	56.70	---	---
14	23352.00	48.25	-35.29	83.54	40.57	38.70	19.14	50.16	---	---
15	27696.00	49.31	-34.23	83.54	38.83	39.83	20.97	50.32	---	---

—————THE END—————