FCC EMI TEST REPORT

FCC ID	:	**PY7-24117P**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, GPS 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 Nov. 01, 2018 and testing was started from Feb. 18, 2019 and completed on Feb. 21, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, 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
FC8O2417-03	01	Initial issue of report	Mar. 06, 2019

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 7.51 dB at 0.564 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 5.95 dB at 33.780 MHz

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

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, NFC, and GNSS.

Product Specification subjective to this standard	
Antenna Type	WWAN: Monopole / Loop Antenna WLAN: **<Ant. 1>**: Loop Antenna **<Ant. 2>**: Monopole / Inverted-F Antenna Bluetooth: Loop Antenna GPS/Glonass/Galileo/ BDS: Loop Antenna NFC: Loop Antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	1.63	BH97006GFR	Conducted Emission
		BH97006GFR	Radiated Emission

Accessory List	
AC Adapter	Model No. : UCH32
	S/N: 6218W30200140 (for radiated emission) 6218W30200197 (for conducted emission)
Earphone	Model No.: MH750
	S/N : N/A
USB Cable	Model No.: UCB24
	S/N : N/A
2 in 1 USB Audio Cable	Model No.: EC270
	S/N : N/A

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

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

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH10-HY

FCC Designation No.: TW1093 and TW1098

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.

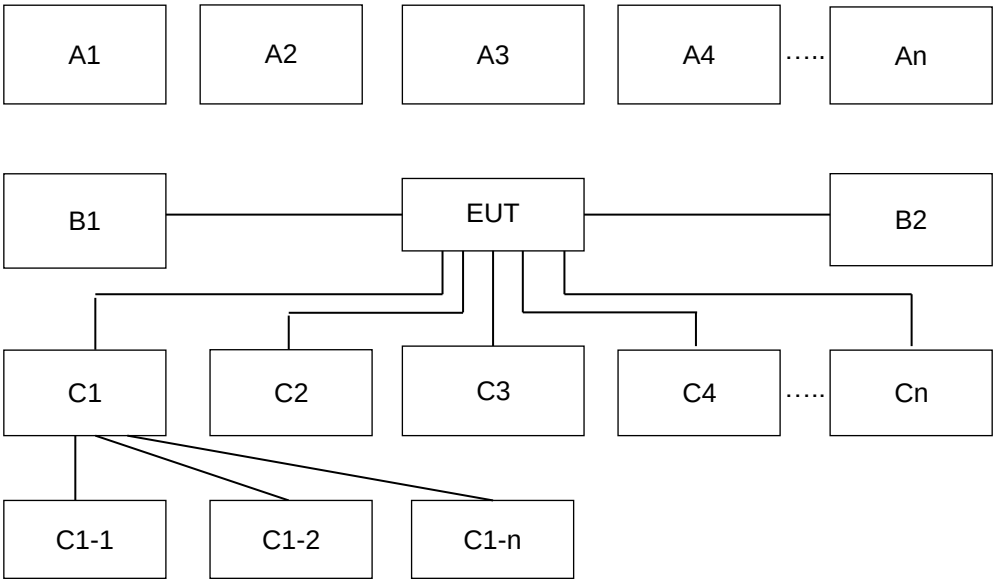
2. Test Configuration of Equipment Under Test

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 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + USB Cable (Charging from Adapter) + Battery Mode 2: LTE Band 12 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MP3 + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + USB Cable (Charging from Adapter) + Battery Mode 4: LTE Band 26 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Front) + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 5: GSM850 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery Mode 6: GSM850 (High Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 7: Flight Mode + USB Cable (Data Link with Notebook) + Battery
Radiated Emissions	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + USB Cable (Charging from Adapter) + Battery Mode 2: LTE Band 12 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MP3 + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + USB Cable (Charging from Car Charger (12Vdc)) + Battery Mode 4: LTE Band 26 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Front) + USB Audio Cable + USB Cable (Charging from Car Charger (24Vdc)) + Battery + Earphone Mode 5: LTE Band 13 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery Mode 6: LTE Band 13 (High Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 7: Flight Mode + USB Cable (Data Link with Notebook) + Battery
Remark: **1.** Data Linking with Notebook means data application transferred mode between EUT and Notebook. **2.** For radiation emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/12/13/17/26), the worst case is LTE Band13; 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	BT Earphone	Bluetooth	X	X	X	X	X	X	X
A2	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE	X	X	X	X	X	X	
A3	GPS Station	GPS			X				
A4	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	Power from system	AC Power Cable							X
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
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		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						
			1	2	3	4	5	6	7
A1	BT Earphone	Bluetooth	X	X	X	X	X	X	
A2	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE	X	X	X	X	X	X	
A3	GPS Station	GPS			X				
A4	AP router	WiFi	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	
B2	DC : 12V	DC Power Cable			X	X			
B3	Power from system	AC Power Cable							X
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
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		X		X	
C3	SD card	SD I/O interface without cable	X	X	X	X	X	X	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	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	8820C	N/A	N/A	Unshielded, 1.8 m
3.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
4.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
5.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
6.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
7.	Music Player	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
8.	Notebook	DELL	P20G	FCC DoC/ Contains FCC ID: QDS-BRCM1051	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
9.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
10.	Car Battery	GS	65B24LS	FCC DoC	NA	NA
11.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.4. EUT Operation Test Setup

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

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

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute “GPS Test” to make the EUT receive continuous signals from GPS station.
3. Execute “Music Player” to play MP3 files.
4. Execute “Video player” to play MPEG4 files.
5. Turn on camera to capture images.
6. Turn on NFC function
7. 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.

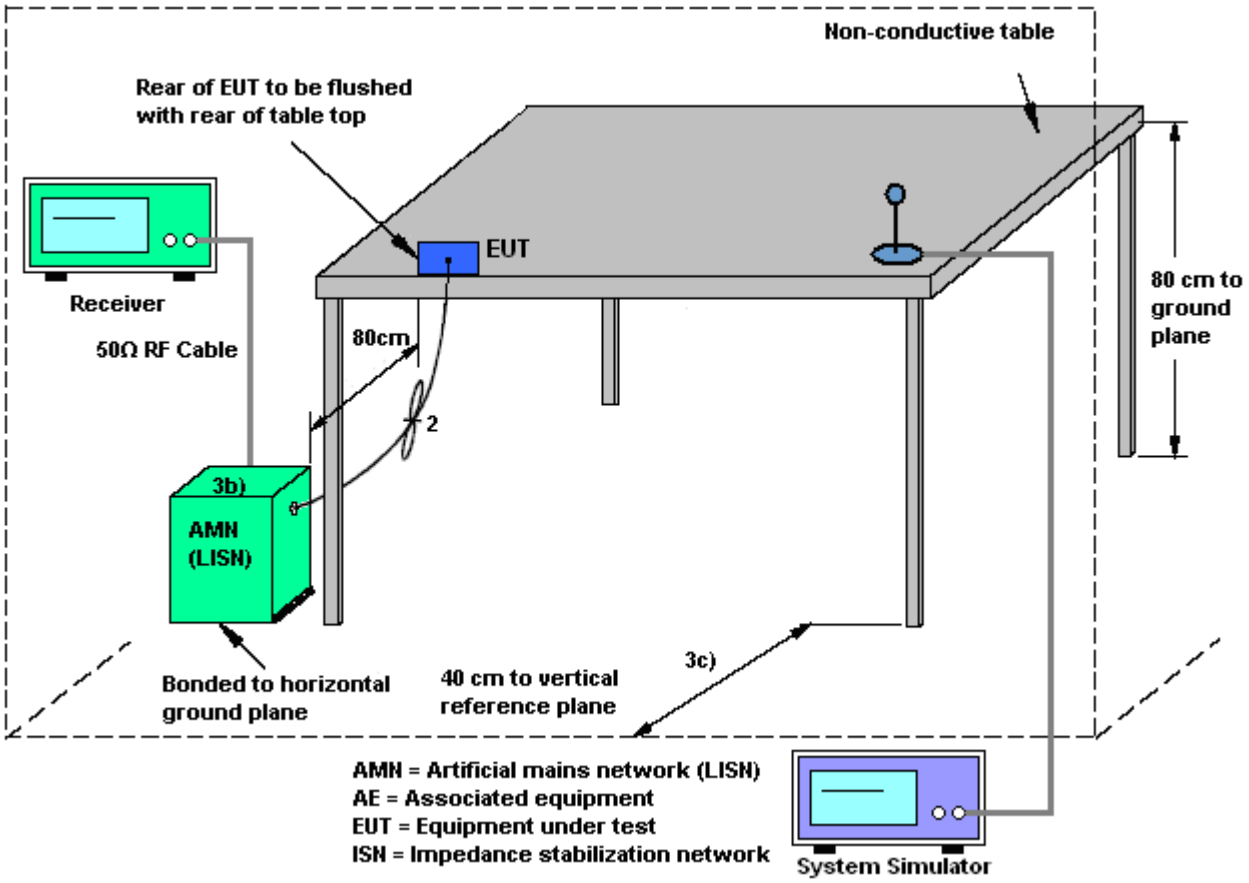
3.1.2 Measuring Instruments

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

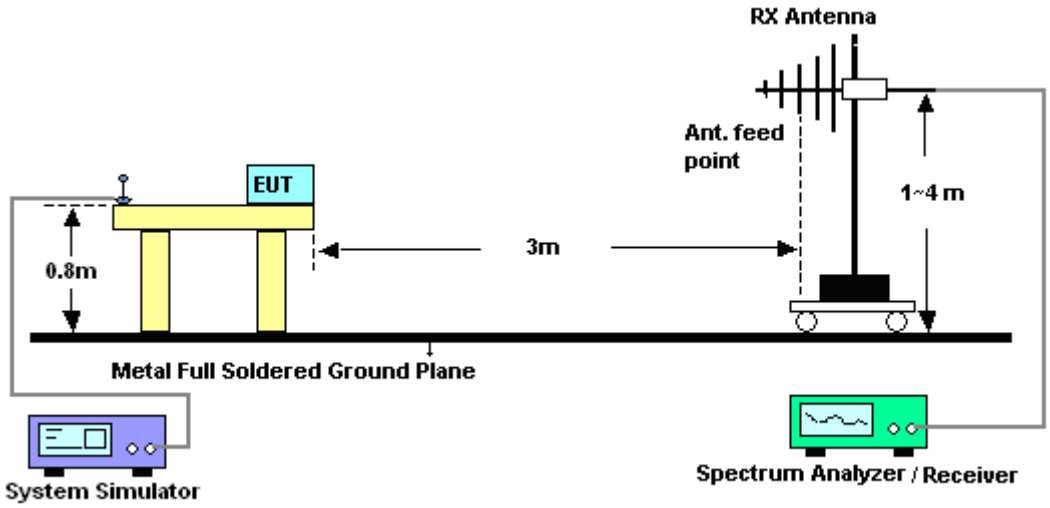
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

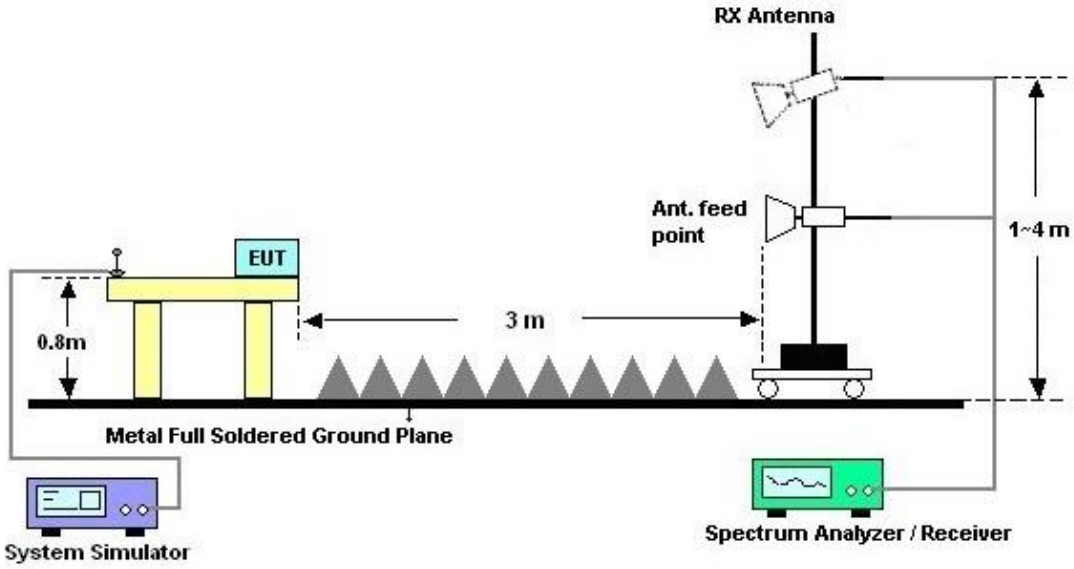
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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	Feb. 21, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Feb. 21, 2019	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Feb. 21, 2019	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Feb. 21, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Feb. 21, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 21, 2019	N/A	Conduction (CO05-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Sep. 14, 2018	Feb. 21, 2019	Sep. 13, 2019	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 08, 2018	Feb. 21, 2019	Nov. 07, 2019	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 23, 2018	Feb. 18, 2019~ Feb. 19, 2019	Oct. 22, 2019	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35413&02	30MHz~1GHz	Feb. 12, 2019	Feb. 18, 2019~ Feb. 19, 2019	Feb. 11, 2020	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz ~ 18GHz	Oct. 02, 2018	Feb. 18, 2019~ Feb. 19, 2019	Oct. 01, 2019	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800 -30-10P	160118550004	1GHz~18GHz	Apr. 17, 2018	Feb. 18, 2019~ Feb. 19, 2019	Apr. 16, 2019	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Nov. 02, 2018	Feb. 18, 2019~ Feb. 19, 2019	Nov. 01, 2019	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 18, 2019~ Feb. 19, 2019	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Feb. 18, 2019~ Feb. 19, 2019	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Feb. 18, 2019~ Feb. 19, 2019	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Feb. 18, 2019~ Feb. 19, 2019	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20Hz ~ 8.4GHz	Nov. 01, 2018	Feb. 18, 2019~ Feb. 19, 2019	Oct. 31, 2019	Radiation (03CH10-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/ 4PE, MY11693/ 4PE, MY2855/2	30M-1G	Nov. 08, 2018	Feb. 18, 2019~ Feb. 19, 2019	Nov. 07, 2019	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/ 4PE, MY11693/ 4PE, MY2855/2	1G-18G	Nov. 08, 2018	Feb. 18, 2019~ Feb. 19, 2019	Nov. 07, 2019	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 16, 2018	Feb. 18, 2019~ Feb. 19, 2019	Oct. 15, 2019	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 16, 2018	Feb. 18, 2019~ Feb. 19, 2019	Oct. 15, 2019	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	Feb. 18, 2019~ Feb. 19, 2019	Dec. 04, 2019	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Feb. 18, 2019~ Feb. 19, 2019	Dec. 05, 2019	Radiation (03CH10-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Nov. 02, 2018	Feb. 18, 2019~ Feb. 19, 2019	Nov. 01, 2019	Radiation (03CH10-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 02, 2018	Feb. 18, 2019~ Feb. 19, 2019	Nov. 01, 2019	Radiation (03CH10-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)

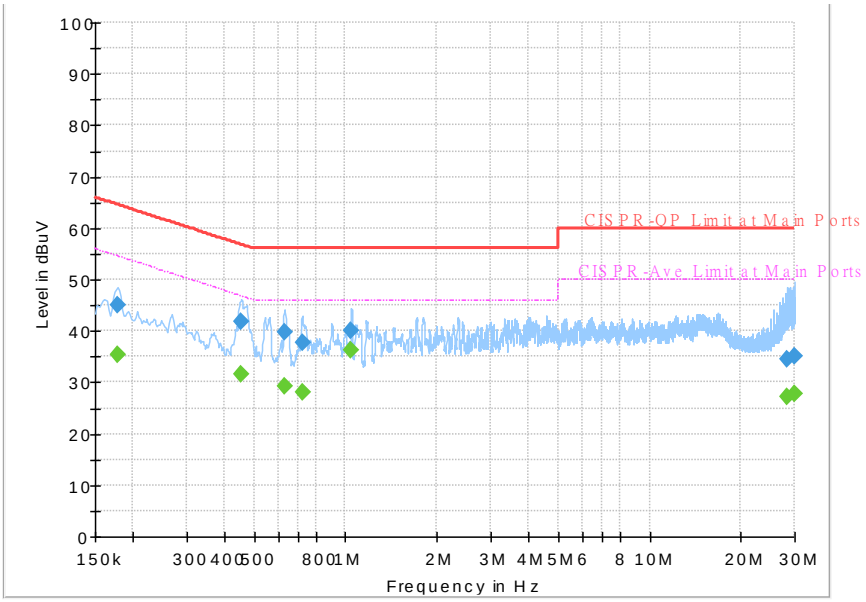
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.60**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

Appendix A. AC Conducted Emission Test Results

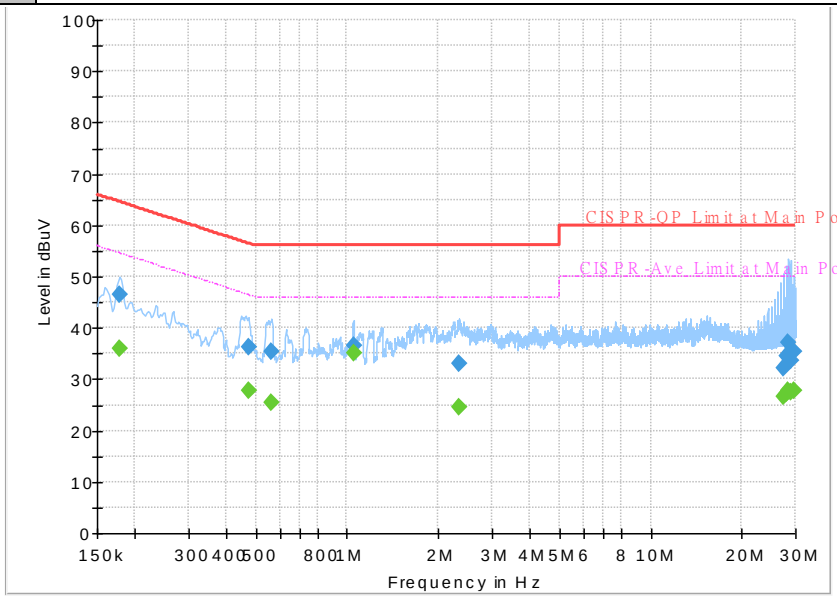
Test Mode :	Mode 1	**Temperature :**	22~23℃
Test Engineer :	Rick Lin	**Relative Humidity :**	53~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	---	35.43	54.63	19.20	L1	OFF	19.5
0.177000	44.99	---	64.63	19.64	L1	OFF	19.5
0.453750	---	31.63	46.81	15.18	L1	OFF	19.5
0.453750	41.70	---	56.81	15.11	L1	OFF	19.5
0.629250	---	29.29	46.00	16.71	L1	OFF	19.6
0.629250	39.70	---	56.00	16.30	L1	OFF	19.6
0.719250	---	28.11	46.00	17.89	L1	OFF	19.6
0.719250	37.59	---	56.00	18.41	L1	OFF	19.6
1.045500	---	36.38	46.00	9.62	L1	OFF	19.6
1.045500	40.05	---	56.00	15.95	L1	OFF	19.6
28.500000	---	27.28	50.00	22.72	L1	OFF	20.5
28.500000	34.38	---	60.00	25.62	L1	OFF	20.5
29.998500	---	27.65	50.00	22.35	L1	OFF	20.5
29.998500	35.15	---	60.00	24.85	L1	OFF	20.5

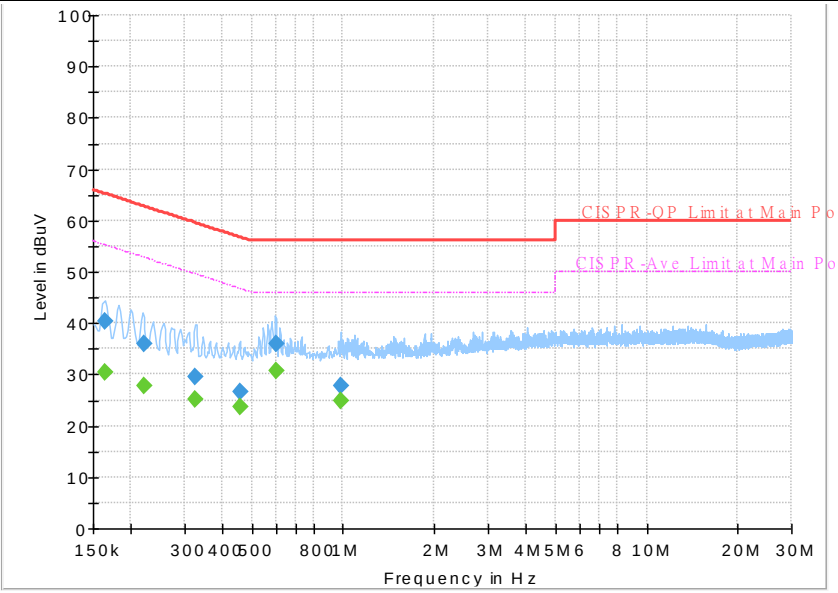
Test Mode :	Mode 1	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	---	35.85	54.63	18.78	N	OFF	19.5
0.177000	46.46	---	64.63	18.17	N	OFF	19.5
0.471750	---	27.87	46.48	18.61	N	OFF	19.5
0.471750	36.37	---	56.48	20.11	N	OFF	19.5
0.564000	---	25.54	46.00	20.46	N	OFF	19.5
0.564000	35.28	---	56.00	20.72	N	OFF	19.5
1.047750	---	35.02	46.00	10.98	N	OFF	19.6
1.047750	36.54	---	56.00	19.46	N	OFF	19.6
2.341500	---	24.54	46.00	21.46	N	OFF	19.5
2.341500	32.99	---	56.00	23.01	N	OFF	19.5
27.298500	---	26.64	50.00	23.36	N	OFF	20.6
27.298500	32.16	---	60.00	27.84	N	OFF	20.6
27.899250	---	27.09	50.00	22.91	N	OFF	20.6
27.899250	34.59	---	60.00	25.41	N	OFF	20.6
28.500000	---	27.90	50.00	22.10	N	OFF	20.6
28.500000	37.05	---	60.00	22.95	N	OFF	20.6
29.100750	---	27.35	50.00	22.65	N	OFF	20.7
29.100750	33.54	---	60.00	26.46	N	OFF	20.7
29.699250	---	27.70	50.00	22.30	N	OFF	20.7
29.699250	35.33	---	60.00	24.67	N	OFF	20.7

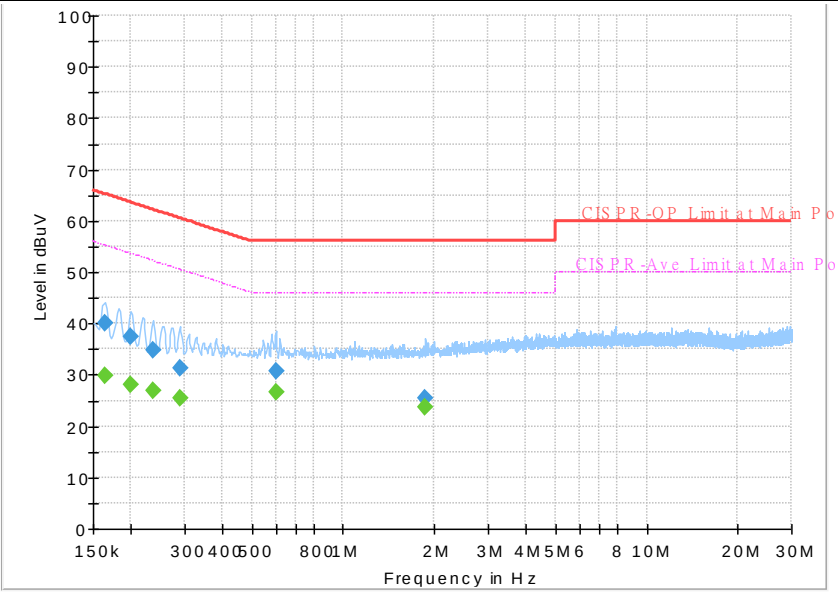
Test Mode :	Mode 2	**Temperature :**	22~23℃
Test Engineer :	Rick Lin	**Relative Humidity :**	53~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	30.40	55.28	24.88	L1	OFF	19.5
0.163500	40.36	---	65.28	24.92	L1	OFF	19.5
0.219750	---	27.79	52.83	25.04	L1	OFF	19.5
0.219750	35.82	---	62.83	27.01	L1	OFF	19.5
0.325500	---	25.04	49.57	24.53	L1	OFF	19.5
0.325500	29.51	---	59.57	30.06	L1	OFF	19.5
0.456000	---	23.72	46.77	23.05	L1	OFF	19.5
0.456000	26.47	---	56.77	30.30	L1	OFF	19.5
0.600000	---	30.63	46.00	15.37	L1	OFF	19.6
0.600000	36.02	---	56.00	19.98	L1	OFF	19.6
0.980250	---	24.93	46.00	21.07	L1	OFF	19.6
0.980250	27.88	---	56.00	28.12	L1	OFF	19.6

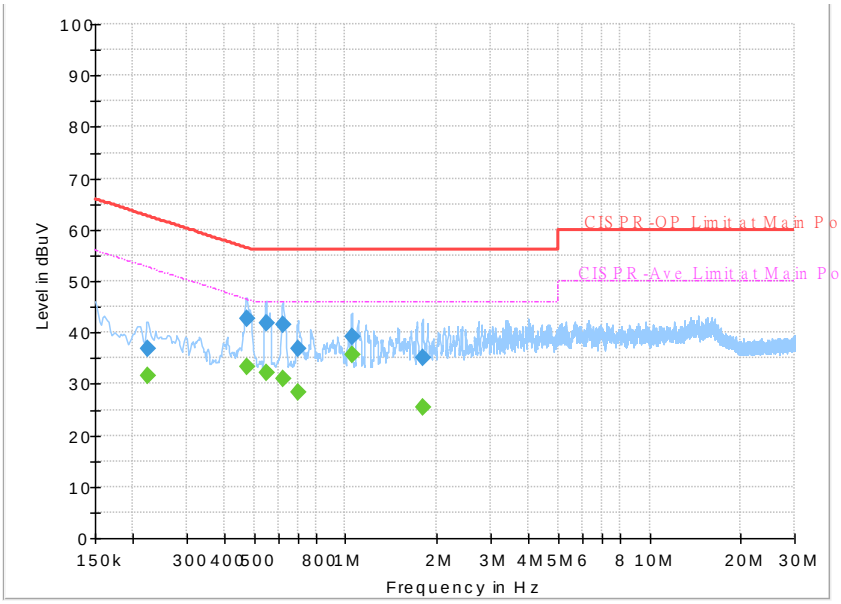
Test Mode :	Mode 2	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	29.84	55.28	25.44	N	OFF	19.5
0.163500	40.00	---	65.28	25.28	N	OFF	19.5
0.199500	---	28.11	53.63	25.52	N	OFF	19.5
0.199500	37.32	---	63.63	26.31	N	OFF	19.5
0.235500	---	26.77	52.25	25.48	N	OFF	19.5
0.235500	34.80	---	62.25	27.45	N	OFF	19.5
0.289500	---	25.36	50.54	25.18	N	OFF	19.5
0.289500	31.38	---	60.54	29.16	N	OFF	19.5
0.600000	---	26.67	46.00	19.33	N	OFF	19.6
0.600000	30.70	---	56.00	25.30	N	OFF	19.6
1.871250	---	23.76	46.00	22.24	N	OFF	19.6
1.871250	25.54	---	56.00	30.46	N	OFF	19.6

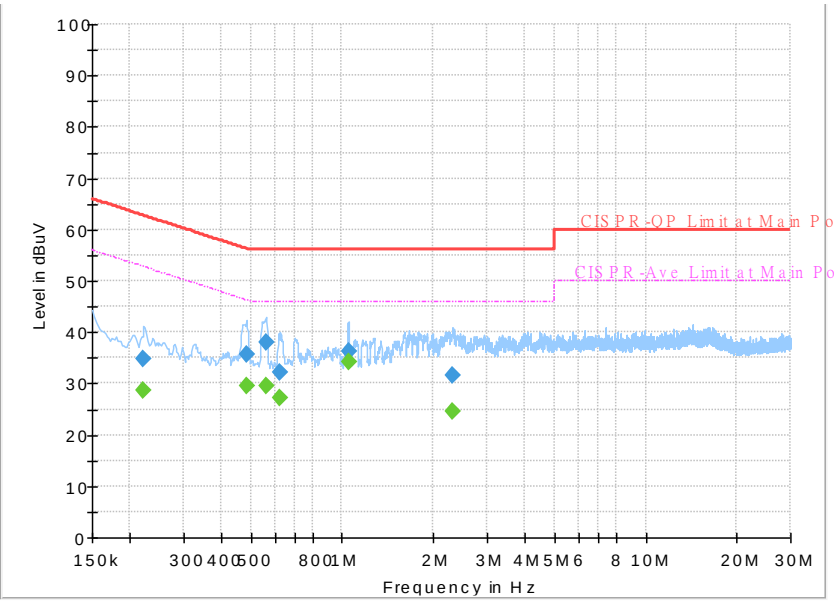
Test Mode :	Mode 3	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.224250	---	31.48	52.66	21.18	L1	OFF	19.5
0.224250	36.93	---	62.66	25.73	L1	OFF	19.5
0.474000	---	33.41	46.44	13.03	L1	OFF	19.5
0.474000	42.56	---	56.44	13.88	L1	OFF	19.5
0.548250	---	32.27	46.00	13.73	L1	OFF	19.5
0.548250	41.84	---	56.00	14.16	L1	OFF	19.5
0.620250	---	31.08	46.00	14.92	L1	OFF	19.6
0.620250	41.61	---	56.00	14.39	L1	OFF	19.6
0.696750	---	28.24	46.00	17.76	L1	OFF	19.6
0.696750	36.80	---	56.00	19.20	L1	OFF	19.6
1.047750	---	35.58	46.00	10.42	L1	OFF	19.6
1.047750	39.19	---	56.00	16.81	L1	OFF	19.6
1.790250	---	25.53	46.00	20.47	L1	OFF	19.6
1.790250	35.16	---	56.00	20.84	L1	OFF	19.6

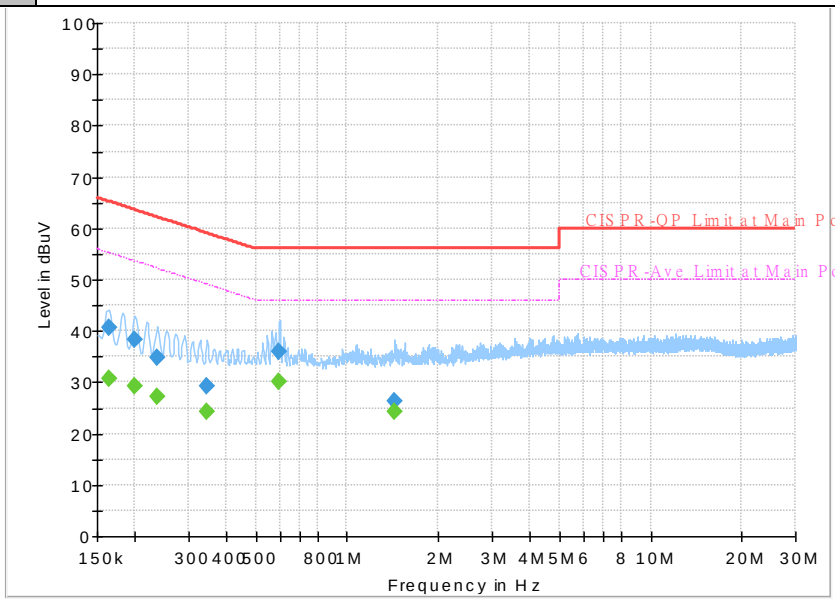
Test Mode :	Mode 3	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.222000	---	28.67	52.74	24.07	N	OFF	19.5
0.222000	34.69	---	62.74	28.05	N	OFF	19.5
0.483000	---	29.52	46.29	16.77	N	OFF	19.5
0.483000	35.72	---	56.29	20.57	N	OFF	19.5
0.559500	---	29.60	46.00	16.40	N	OFF	19.5
0.559500	38.15	---	56.00	17.85	N	OFF	19.5
0.624750	---	27.24	46.00	18.76	N	OFF	19.6
0.624750	32.03	---	56.00	23.97	N	OFF	19.6
1.047750	---	34.36	46.00	11.64	N	OFF	19.6
1.047750	36.36	---	56.00	19.64	N	OFF	19.6
2.305500	---	24.46	46.00	21.54	N	OFF	19.5
2.305500	31.59	---	56.00	24.41	N	OFF	19.5

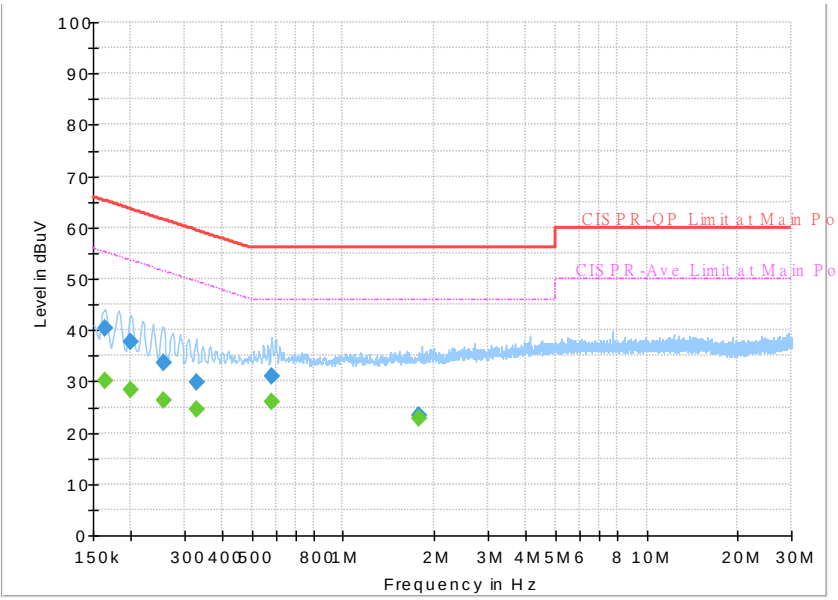
Test Mode :	Mode 4	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	30.59	55.28	24.69	L1	OFF	19.5
0.163500	40.65	---	65.28	24.63	L1	OFF	19.5
0.199500	---	29.15	53.63	24.48	L1	OFF	19.5
0.199500	38.36	---	63.63	25.27	L1	OFF	19.5
0.237750	---	27.30	52.17	24.87	L1	OFF	19.5
0.237750	34.94	---	62.17	27.23	L1	OFF	19.5
0.345750	---	24.35	49.06	24.71	L1	OFF	19.5
0.345750	29.17	---	59.06	29.89	L1	OFF	19.5
0.597750	---	30.21	46.00	15.79	L1	OFF	19.5
0.597750	36.09	---	56.00	19.91	L1	OFF	19.5
1.432500	---	24.25	46.00	21.75	L1	OFF	19.6
1.432500	26.45	---	56.00	29.55	L1	OFF	19.6

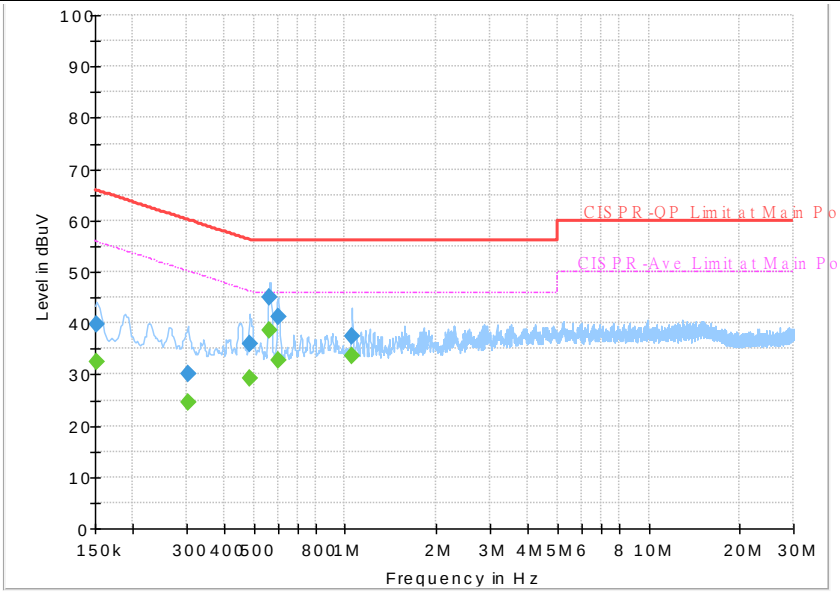
Test Mode :	Mode 4	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	30.10	55.28	25.18	N	OFF	19.5
0.163500	40.40	---	65.28	24.88	N	OFF	19.5
0.199500	---	28.27	53.63	25.36	N	OFF	19.5
0.199500	37.71	---	63.63	25.92	N	OFF	19.5
0.255750	---	26.20	51.57	25.37	N	OFF	19.5
0.255750	33.65	---	61.57	27.92	N	OFF	19.5
0.327750	---	24.57	49.51	24.94	N	OFF	19.5
0.327750	29.81	---	59.51	29.70	N	OFF	19.5
0.582000	---	26.06	46.00	19.94	N	OFF	19.5
0.582000	30.89	---	56.00	25.11	N	OFF	19.5
1.772250	---	22.74	46.00	23.26	N	OFF	19.6
1.772250	23.50	---	56.00	32.50	N	OFF	19.6

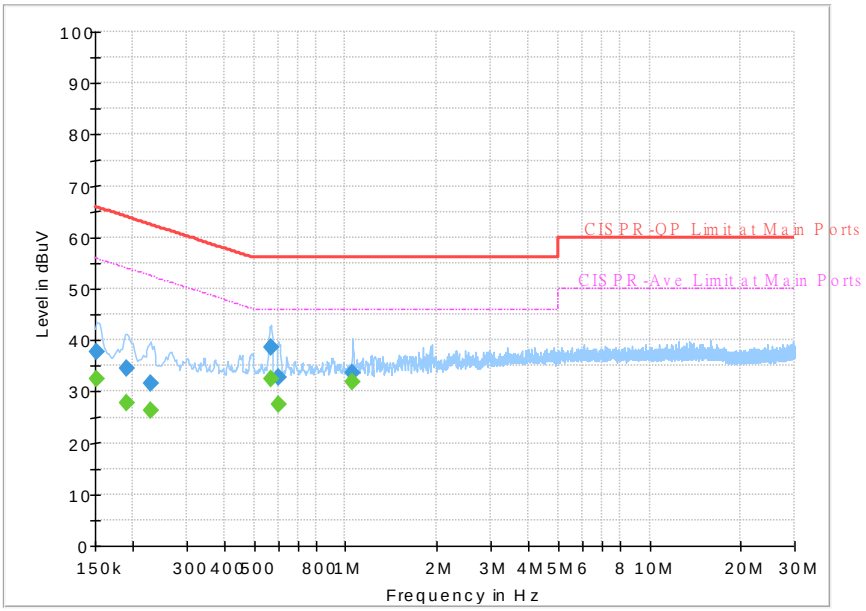
Test Mode :	Mode 5	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.42	55.88	23.46	L1	OFF	19.5
0.152250	39.63	---	65.88	26.25	L1	OFF	19.5
0.303000	---	24.47	50.16	25.69	L1	OFF	19.5
0.303000	30.03	---	60.16	30.13	L1	OFF	19.5
0.485250	---	29.30	46.25	16.95	L1	OFF	19.5
0.485250	35.90	---	56.25	20.35	L1	OFF	19.5
0.564000	---	38.49	46.00	7.51	L1	OFF	19.5
0.564000	45.09	---	56.00	10.91	L1	OFF	19.5
0.600000	---	32.82	46.00	13.18	L1	OFF	19.6
0.600000	41.37	---	56.00	14.63	L1	OFF	19.6
1.054500	---	33.59	46.00	12.41	L1	OFF	19.6
1.054500	37.39	---	56.00	18.61	L1	OFF	19.6

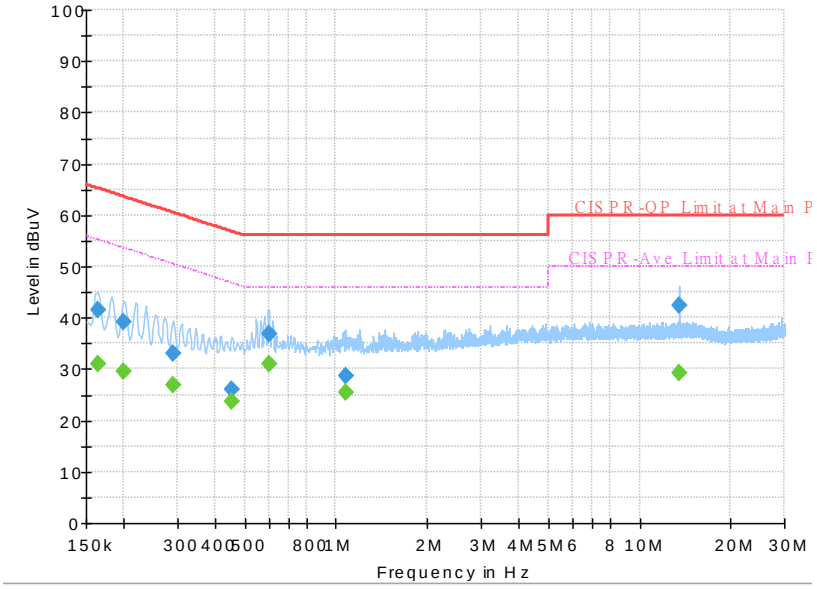
Test Mode :	Mode 5	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.34	55.88	23.54	N	OFF	19.5
0.152250	37.84	---	65.88	28.04	N	OFF	19.5
0.190500	---	27.66	54.02	26.36	N	OFF	19.5
0.190500	34.51	---	64.02	29.51	N	OFF	19.5
0.228750	---	26.29	52.50	26.21	N	OFF	19.5
0.228750	31.62	---	62.50	30.88	N	OFF	19.5
0.568500	---	32.57	46.00	13.43	N	OFF	19.5
0.568500	38.50	---	56.00	17.50	N	OFF	19.5
0.600000	---	27.59	46.00	18.41	N	OFF	19.6
0.600000	32.87	---	56.00	23.13	N	OFF	19.6
1.052250	---	31.78	46.00	14.22	N	OFF	19.6
1.052250	33.69	---	56.00	22.31	N	OFF	19.6

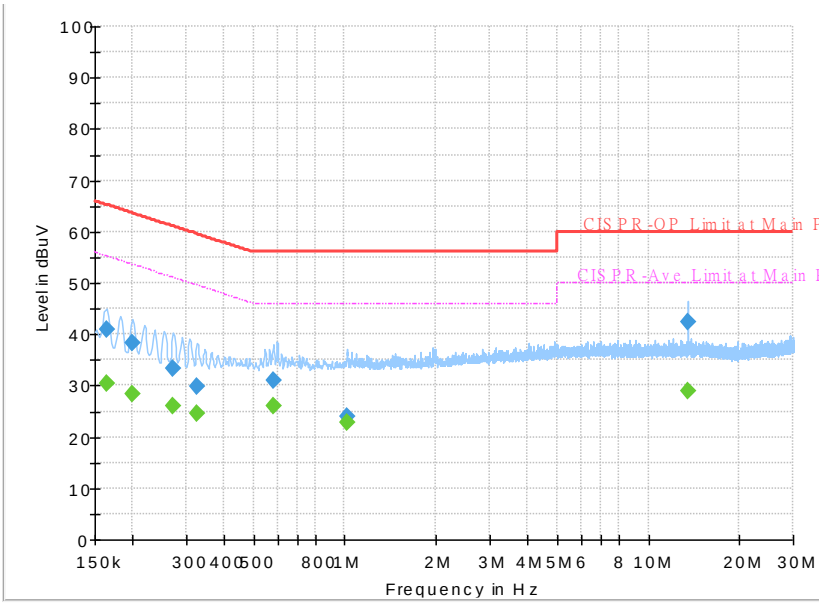
Test Mode :	Mode 6	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	31.03	55.28	24.25	L1	OFF	19.5
0.163500	41.52	---	65.28	23.76	L1	OFF	19.5
0.199500	---	29.51	53.63	24.12	L1	OFF	19.5
0.199500	39.11	---	63.63	24.52	L1	OFF	19.5
0.291750	---	26.83	50.47	23.64	L1	OFF	19.5
0.291750	32.94	---	60.47	27.53	L1	OFF	19.5
0.451500	---	23.64	46.85	23.21	L1	OFF	19.5
0.451500	25.90	---	56.85	30.95	L1	OFF	19.5
0.600000	---	31.13	46.00	14.87	L1	OFF	19.6
0.600000	36.94	---	56.00	19.06	L1	OFF	19.6
1.072500	---	25.46	46.00	20.54	L1	OFF	19.6
1.072500	28.59	---	56.00	27.41	L1	OFF	19.6
13.560000	---	29.22	50.00	20.78	L1	OFF	20.0
13.560000	42.39	---	60.00	17.61	L1	OFF	20.0

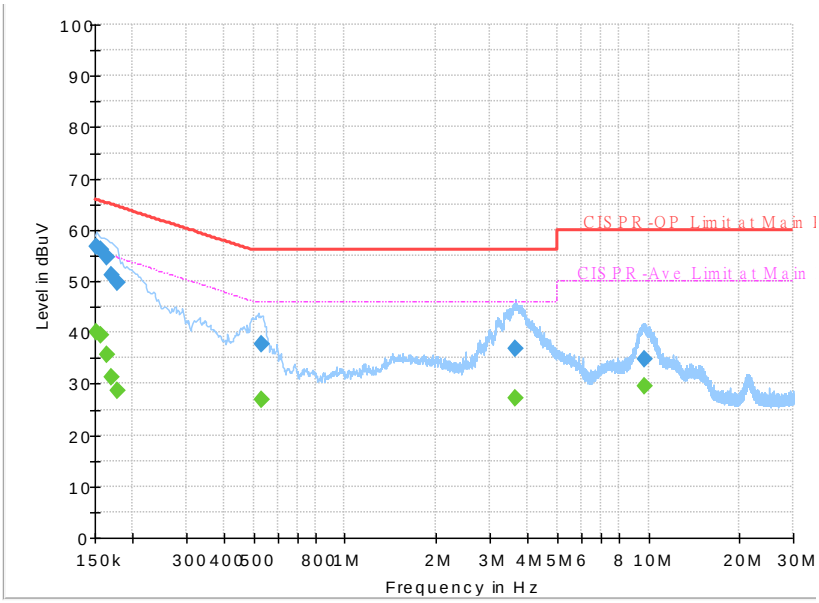
Test Mode :	Mode 6	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	30.36	55.28	24.92	N	OFF	19.5
0.163500	40.93	---	65.28	24.35	N	OFF	19.5
0.199500	---	28.49	53.63	25.14	N	OFF	19.5
0.199500	38.18	---	63.63	25.45	N	OFF	19.5
0.271500	---	26.08	51.07	24.99	N	OFF	19.5
0.271500	33.31	---	61.07	27.76	N	OFF	19.5
0.325500	---	24.59	49.57	24.98	N	OFF	19.5
0.325500	29.72	---	59.57	29.85	N	OFF	19.5
0.582000	---	26.12	46.00	19.88	N	OFF	19.5
0.582000	31.12	---	56.00	24.88	N	OFF	19.5
1.014000	---	22.84	46.00	23.16	N	OFF	19.6
1.014000	24.03	---	56.00	31.97	N	OFF	19.6
13.560000	---	28.91	50.00	21.09	N	OFF	20.1
13.560000	42.30	---	60.00	17.70	N	OFF	20.1

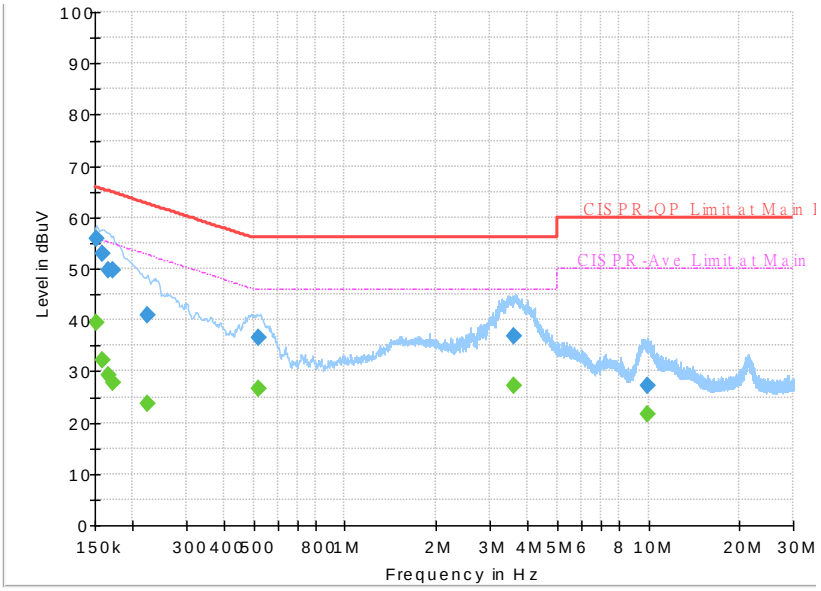
Test Mode :	Mode 7	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Filter	Corr.
0.152250	---	40.02	55.88	15.86	L1	OFF	19.5
0.152250	56.81	---	65.88	9.07	L1	OFF	19.5
0.156750	---	39.53	55.63	16.10	L1	OFF	19.5
0.156750	56.17	---	65.63	9.46	L1	OFF	19.5
0.163500	---	35.71	55.28	19.57	L1	OFF	19.5
0.163500	54.54	---	65.28	10.74	L1	OFF	19.5
0.170250	---	31.25	54.95	23.70	L1	OFF	19.5
0.170250	51.08	---	64.95	13.87	L1	OFF	19.5
0.177000	---	28.75	54.63	25.88	L1	OFF	19.5
0.177000	49.63	---	64.63	15.00	L1	OFF	19.5
0.532500	---	26.90	46.00	19.10	L1	OFF	19.5
0.532500	37.71	---	56.00	18.29	L1	OFF	19.5
3.628500	---	27.12	46.00	18.88	L1	OFF	19.6
3.628500	36.82	---	56.00	19.18	L1	OFF	19.6
9.663000	---	29.63	50.00	20.37	L1	OFF	19.7
9.663000	34.69	---	60.00	25.31	L1	OFF	19.7

Test Mode :	Mode 7	Temperature :	22~23℃
Test Engineer :	Rick Lin	Relative Humidity :	53~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

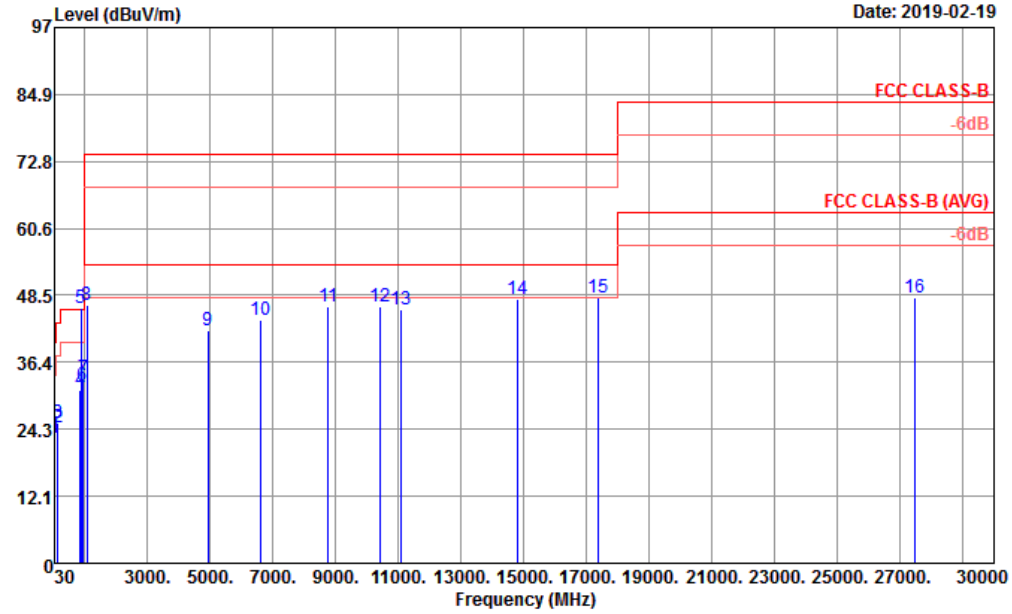


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	39.61	55.88	16.27	N	OFF	19.5
0.152250	55.89	---	65.88	9.99	N	OFF	19.5
0.159000	---	32.18	55.52	23.34	N	OFF	19.5
0.159000	52.83	---	65.52	12.69	N	OFF	19.5
0.165750	---	29.10	55.17	26.07	N	OFF	19.5
0.165750	49.74	---	65.17	15.43	N	OFF	19.5
0.172500	---	27.73	54.84	27.11	N	OFF	19.5
0.172500	49.71	---	64.84	15.13	N	OFF	19.5
0.224250	---	23.72	52.66	28.94	N	OFF	19.5
0.224250	41.07	---	62.66	21.59	N	OFF	19.5
0.521250	---	26.56	46.00	19.44	N	OFF	19.5
0.521250	36.52	---	56.00	19.48	N	OFF	19.5
3.610500	---	27.11	46.00	18.89	N	OFF	19.6
3.610500	36.87	---	56.00	19.13	N	OFF	19.6
9.919500	---	21.58	50.00	28.42	N	OFF	19.7
9.919500	27.07	---	60.00	32.93	N	OFF	19.7

Appendix B. Radiated Emission Test Result

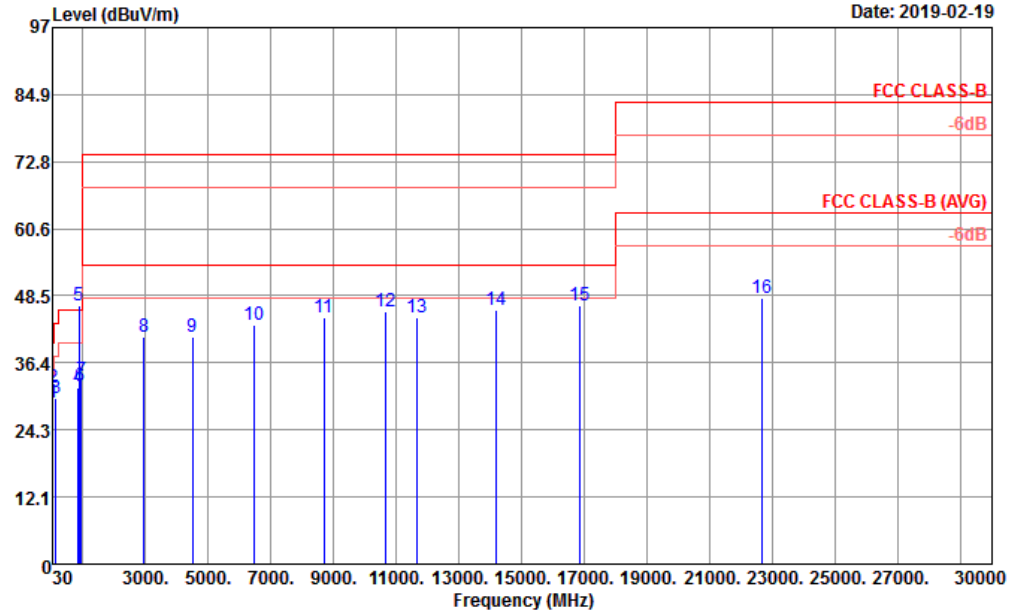
Mode :	Mode 1	Temperature :	20~23°C
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

		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		30.54	22.66	-17.34	40.00	29.96	25.03	0.45	32.78	---	---	Peak
2		137.73	24.50	-19.00	43.50	38.46	17.40	1.28	32.64	---	---	Peak
3		147.99	25.44	-18.06	43.50	39.56	17.20	1.31	32.63	---	---	Peak
4		860.70	31.33	-14.67	46.00	30.79	29.20	3.38	32.04	---	---	Peak
5	*	881.70	46.26			45.70	29.07	3.41	31.92	---	---	Peak
6		925.80	32.17	-13.83	46.00	30.74	29.53	3.47	31.57	---	---	Peak
7		955.20	33.38	-12.62	46.00	29.94	31.20	3.52	31.28	100	0	Peak
8		1056.00	46.81	-27.19	74.00	80.16	24.39	3.78	61.52	---	---	Peak
9		4916.00	42.05	-31.95	74.00	64.50	31.03	8.82	62.30	---	---	Peak
10		6602.00	44.03	-29.97	74.00	62.49	34.40	10.26	63.12	---	---	Peak
11		8764.00	46.36	-27.64	74.00	61.42	37.63	11.73	64.42	---	---	Peak
12		10430.00	46.50	-27.50	74.00	58.60	39.57	12.79	64.46	---	---	Peak
13		11072.00	45.85	-28.15	74.00	56.64	39.74	13.28	63.81	---	---	Peak
14		14796.00	47.83	-26.17	74.00	54.72	41.11	15.18	63.18	---	---	Peak
15		17358.00	48.13	-25.87	74.00	53.38	40.56	16.86	62.67	100	0	Peak
16		27480.00	48.09	-35.45	83.54	38.62	39.82	23.13	53.48	---	---	Peak

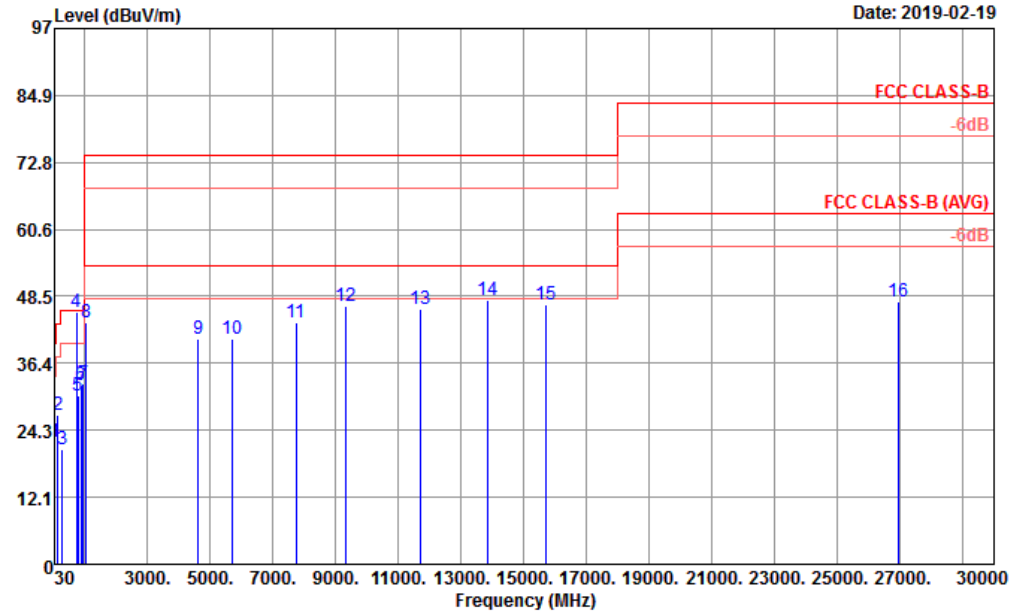
Mode :	Mode 1	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

	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	29.17	-10.83	40.00	37.14	24.37	0.44	32.78	---	---	Peak
2	43.50	31.99	-8.01	40.00	46.39	17.70	0.66	32.76	100	0	Peak
3	147.45	30.01	-13.49	43.50	44.13	17.20	1.31	32.63	---	---	Peak
4	847.40	31.77	-14.23	46.00	31.27	29.25	3.36	32.11	---	---	Peak
5 *	881.70	46.69			46.13	29.07	3.41	31.92	---	---	Peak
6	920.20	32.08	-13.92	46.00	30.84	29.40	3.46	31.62	---	---	Peak
7	953.80	33.26	-12.74	46.00	29.88	31.15	3.52	31.29	---	---	Peak
8	2946.00	41.03	-32.97	74.00	66.99	28.29	7.64	61.89	---	---	Peak
9	4506.00	41.03	-32.97	74.00	64.10	30.51	8.72	62.30	---	---	Peak
10	6478.00	43.30	-30.70	74.00	62.17	34.07	10.06	63.00	---	---	Peak
11	8692.00	44.55	-29.45	74.00	59.89	37.38	11.61	64.33	---	---	Peak
12	10650.00	45.71	-28.29	74.00	57.43	39.55	12.95	64.22	---	---	Peak
13	11668.00	44.69	-29.31	74.00	55.96	39.03	13.73	64.03	---	---	Peak
14	14184.00	45.90	-28.10	74.00	53.18	41.10	14.86	63.24	---	---	Peak
15	16872.00	46.78	-27.22	74.00	53.90	39.64	16.49	63.25	100	0	Peak
16	22680.00	48.00	-35.54	83.54	41.41	38.85	21.14	53.40	---	---	Peak

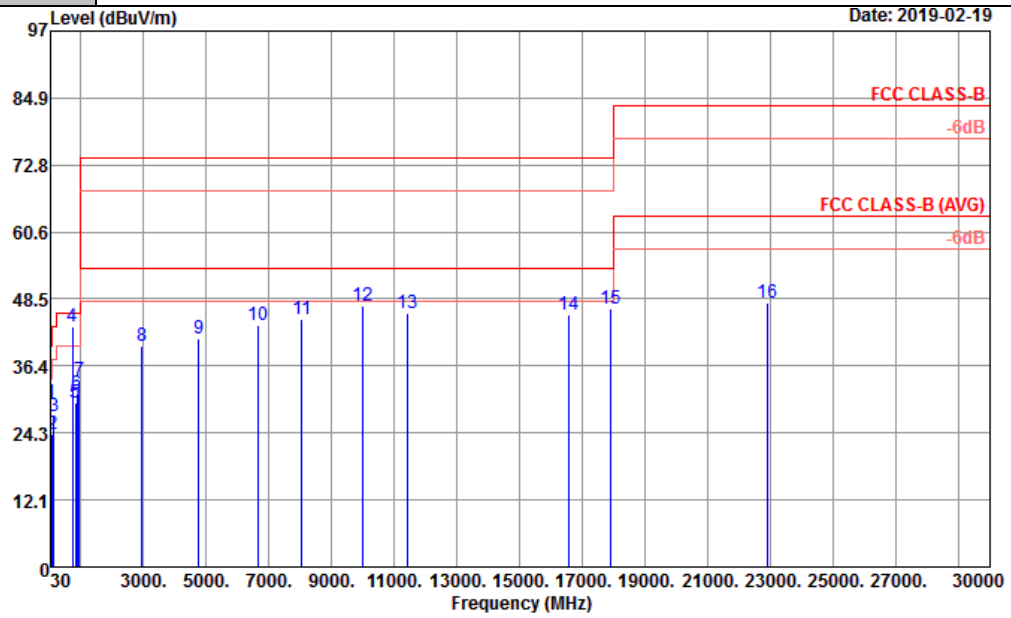
Mode :	Mode 2	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

	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	22.27	-17.73	40.00	29.30	25.30	0.45	32.78	---	---	Peak
2	147.72	26.99	-16.51	43.50	41.11	17.20	1.31	32.63	---	---	Peak
3	273.54	20.76	-25.24	46.00	32.69	18.83	1.84	32.60	---	---	Peak
4	739.60	45.71			46.98	28.08	3.14	32.49	---	---	Peak
5	772.50	30.51	-15.49	46.00	31.38	28.35	3.20	32.42	---	---	Peak
6	869.80	32.39	-13.61	46.00	31.79	29.20	3.39	31.99	---	---	Peak
7	952.40	32.80	-13.20	46.00	29.49	31.10	3.52	31.31	100	0	Peak
8	1040.00	43.80	-30.20	74.00	77.24	24.34	3.74	61.52	---	---	Peak
9	4610.00	40.76	-33.24	74.00	63.62	30.78	8.66	62.30	---	---	Peak
10	5680.00	40.86	-33.14	74.00	62.27	31.78	9.52	62.71	---	---	Peak
11	7730.00	43.71	-30.29	74.00	60.31	36.00	11.05	63.65	---	---	Peak
12	9344.00	46.76	-27.24	74.00	60.84	38.51	12.11	64.70	---	---	Peak
13	11720.00	46.32	-27.68	74.00	57.79	38.84	13.77	64.08	---	---	Peak
14	13830.00	47.89	-26.11	74.00	56.04	40.50	14.62	63.27	100	0	Peak
15	15726.00	46.96	-27.04	74.00	57.00	37.47	15.67	63.18	---	---	Peak
16	26940.00	47.51	-36.03	83.54	37.94	40.16	22.51	53.10	---	---	Peak

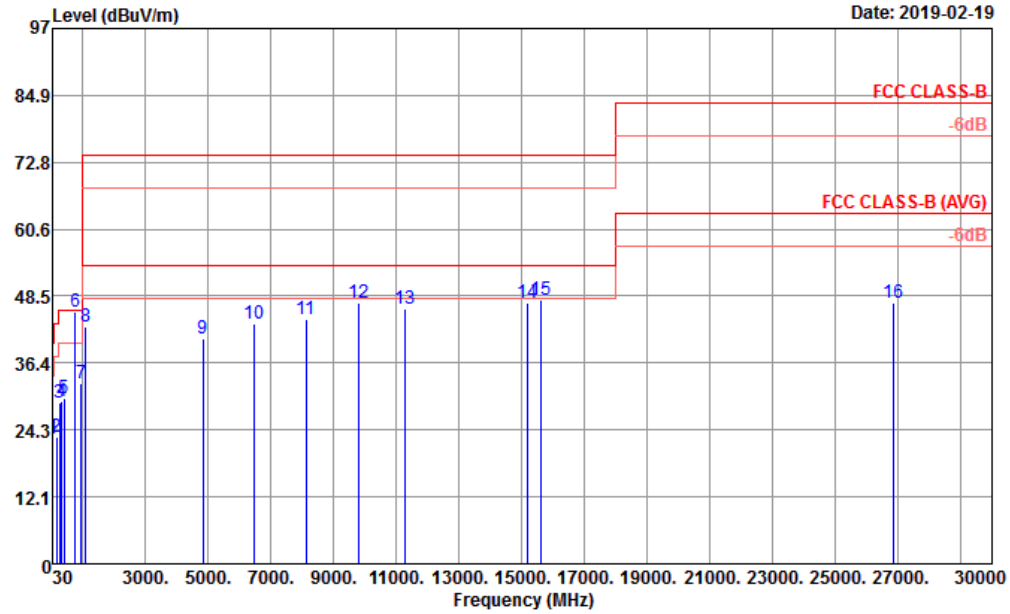
Mode :	Mode 2	**Temperature :**	20~23℃
Test Engineer :	Daniel Lee	**Relative Humidity :**	50~53%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#4 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL
Project : 8O2417-03
Power : 120Vac/60Hz
Mode : 2

	Freq	Level	ver Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	41.07	29.81	-10.19	40.00	43.10	18.88	0.59	32.76	100	0	Peak
2	81.03	24.11	-15.89	40.00	42.37	13.51	0.93	32.70	---	---	Peak
3	146.37	27.32	-16.18	43.50	41.44	17.20	1.31	32.63	---	---	Peak
4	735.40	43.39			44.84	27.92	3.13	32.50	---	---	Peak
5	816.60	29.79	-16.21	46.00	30.76	28.03	3.28	32.28	---	---	Peak
6	871.90	31.46	-14.54	46.00	30.83	29.20	3.40	31.97	---	---	Peak
7	951.70	33.65	-12.35	46.00	30.38	31.07	3.51	31.31	---	---	Peak
8	2956.00	40.10	-33.90	74.00	66.01	28.31	7.67	61.89	---	---	Peak
9	4760.00	41.35	-32.65	74.00	63.94	31.18	8.53	62.30	---	---	Peak
10	6664.00	43.82	-30.18	74.00	62.33	34.36	10.33	63.20	---	---	Peak
11	8052.00	44.78	-29.22	74.00	60.18	37.00	11.25	63.65	---	---	Peak
12	10002.00	47.32	-26.68	74.00	60.96	38.70	12.46	64.80	100	0	Peak
13	11406.00	45.85	-28.15	74.00	56.70	39.50	13.53	63.88	---	---	Peak
14	16554.00	45.69	-28.31	74.00	54.39	38.70	16.24	63.64	---	---	Peak
15	17898.00	46.72	-27.28	74.00	46.52	45.26	17.28	62.34	---	---	Peak
16	22896.00	47.70	-35.84	83.54	40.82	39.15	21.13	53.40	---	---	Peak

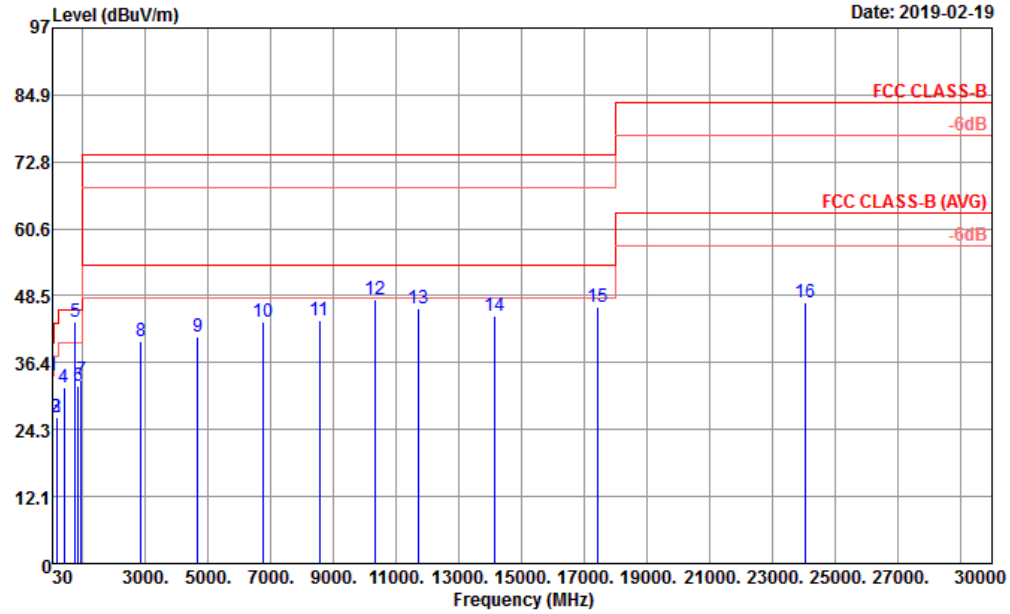
Mode :	Mode 3	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

	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	22.75	-17.25	40.00	29.78	25.30	0.45	32.78	---	---	Peak
2	170.94	23.04	-20.46	43.50	38.64	15.60	1.41	32.61	---	---	Peak
3	262.47	29.30	-16.70	46.00	40.20	19.90	1.80	32.60	---	---	Peak
4	334.30	29.48	-16.52	46.00	40.25	19.87	1.97	32.61	---	---	Peak
5	401.50	29.95	-16.05	46.00	38.44	21.86	2.27	32.62	---	---	Peak
6	750.80	45.60			46.60	28.30	3.17	32.47	---	---	Peak
7	955.20	32.69	-13.31	46.00	29.25	31.20	3.52	31.28	100	0	Peak
8	1098.00	42.95	-31.05	74.00	76.29	24.30	3.90	61.54	---	---	Peak
9	4842.00	40.75	-33.25	74.00	63.33	31.10	8.62	62.30	---	---	Peak
10	6464.00	43.51	-30.49	74.00	62.48	33.98	10.04	62.99	---	---	Peak
11	8128.00	44.23	-29.77	74.00	59.71	36.99	11.26	63.73	---	---	Peak
12	9794.00	47.42	-26.58	74.00	61.20	38.81	12.17	64.76	---	---	Peak
13	11292.00	46.29	-27.71	74.00	57.31	39.40	13.44	63.86	---	---	Peak
14	15204.00	47.27	-26.73	74.00	55.46	39.48	15.39	63.06	---	---	Peak
15	15624.00	47.92	-26.08	74.00	57.83	37.58	15.61	63.10	---	---	Peak
16	26856.00	47.36	-36.18	83.54	37.94	40.11	22.41	53.10	---	---	Peak

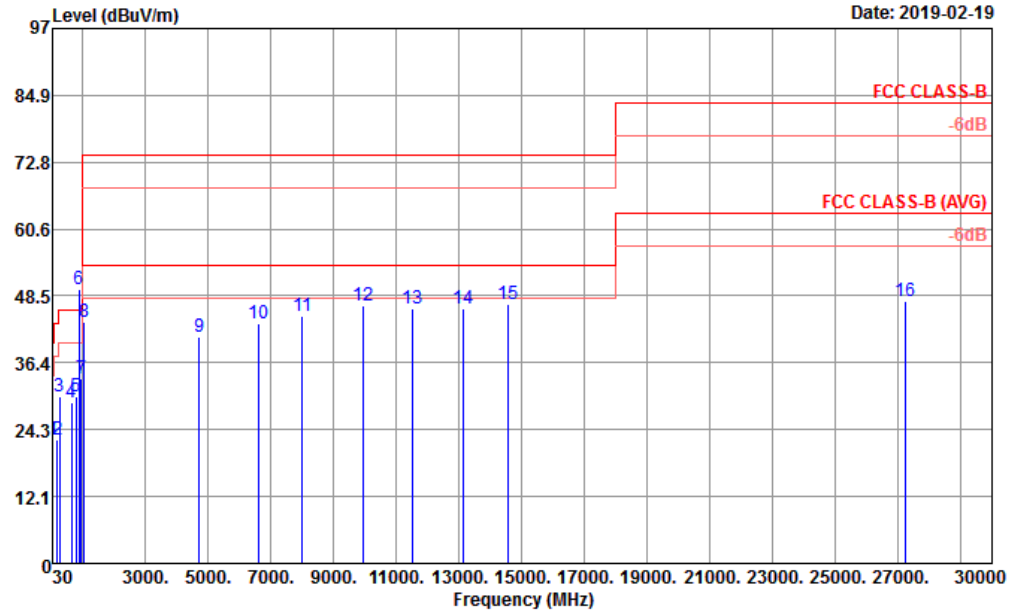
Mode :	Mode 3	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

	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	33.78	34.05	-5.95	40.00	43.30	23.09	0.43	32.77	100	0	Peak
2	156.09	26.46	-17.04	43.50	40.26	17.51	1.32	32.63	---	---	Peak
3	171.75	26.48	-17.02	43.50	42.16	15.52	1.41	32.61	---	---	Peak
4	407.10	31.98	-14.02	46.00	40.23	22.08	2.29	32.62	---	---	Peak
5	750.80	43.90			44.90	28.30	3.17	32.47	---	---	Peak
6	857.20	32.20	-13.80	46.00	31.62	29.26	3.38	32.06	---	---	Peak
7	955.90	33.34	-12.66	46.00	29.87	31.22	3.52	31.27	---	---	Peak
8	2858.00	40.14	-33.86	74.00	66.44	28.12	7.45	61.87	---	---	Peak
9	4674.00	41.20	-32.80	74.00	63.79	31.10	8.61	62.30	---	---	Peak
10	6768.00	43.77	-30.23	74.00	62.17	34.47	10.45	63.32	---	---	Peak
11	8540.00	43.95	-30.05	74.00	59.67	36.96	11.47	64.15	---	---	Peak
12	10338.00	47.85	-26.15	74.00	60.31	39.35	12.72	64.53	100	0	Peak
13	11702.00	46.12	-27.88	74.00	57.53	38.89	13.76	64.06	---	---	Peak
14	14148.00	44.93	-29.07	74.00	52.22	41.10	14.84	63.23	---	---	Peak
15	17400.00	46.44	-27.56	74.00	51.26	40.90	16.90	62.62	---	---	Peak
16	24024.00	47.18	-36.36	83.54	39.74	39.83	21.10	53.49	---	---	Peak

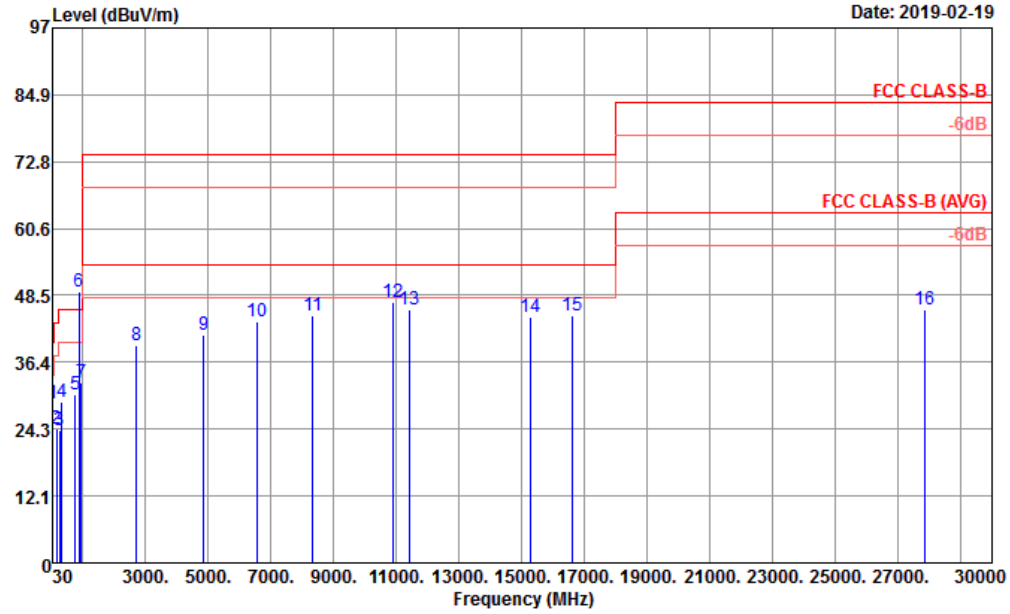
Mode :	Mode 4	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

		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		30.27	22.40	-17.60	40.00	29.57	25.16	0.45	32.78	---	---	Peak
2		192.54	22.45	-21.05	43.50	38.77	14.80	1.48	32.60	---	---	Peak
3		265.44	30.20	-15.80	46.00	41.26	19.72	1.82	32.60	---	---	Peak
4		641.60	29.24	-16.76	46.00	32.36	26.60	2.94	32.66	---	---	Peak
5		774.60	30.17	-15.83	46.00	31.00	28.39	3.20	32.42	---	---	Peak
6	*	880.30	49.64			49.07	29.09	3.41	31.93	---	---	Peak
7		955.20	33.46	-12.54	46.00	30.02	31.20	3.52	31.28	100	0	Peak
8		1054.00	43.77	-30.23	74.00	77.12	24.39	3.78	61.52	---	---	Peak
9		4720.00	41.05	-32.95	74.00	63.64	31.14	8.57	62.30	---	---	Peak
10		6600.00	43.52	-30.48	74.00	61.98	34.40	10.26	63.12	---	---	Peak
11		7988.00	44.95	-29.05	74.00	60.36	36.95	11.24	63.60	---	---	Peak
12		9940.00	46.75	-27.25	74.00	60.33	38.84	12.37	64.79	---	---	Peak
13		11510.00	46.19	-27.81	74.00	57.01	39.48	13.61	63.91	---	---	Peak
14		13110.00	46.33	-27.67	74.00	56.58	39.02	14.05	63.32	---	---	Peak
15		14574.00	46.95	-27.05	74.00	53.93	41.23	15.06	63.27	100	0	Peak
16		27252.00	47.45	-36.09	83.54	37.88	40.00	22.87	53.30	---	---	Peak

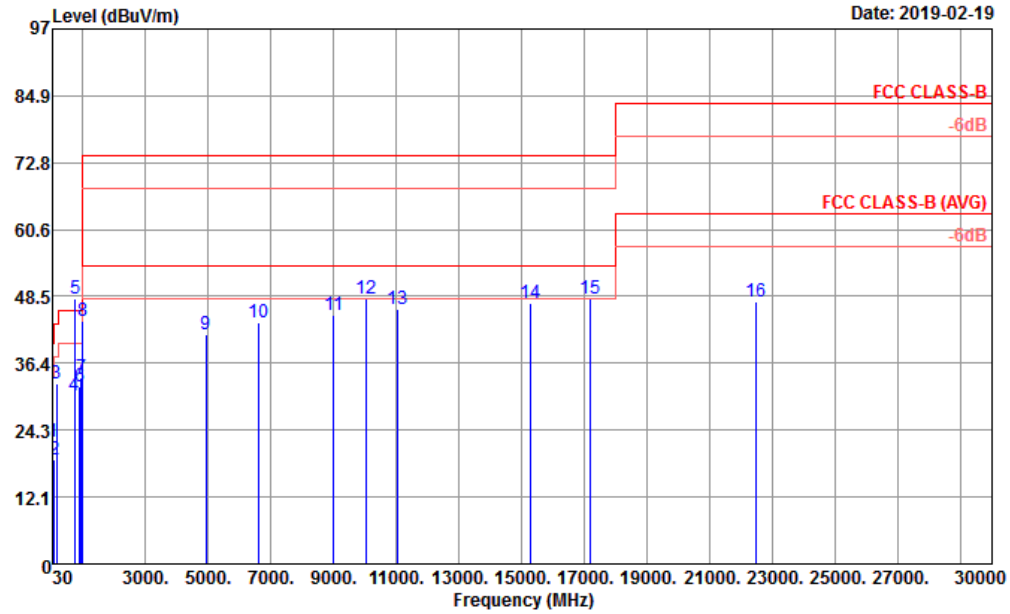
Mode :	Mode 4	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

		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		45.12	28.90	-11.10	40.00	44.12	16.84	0.70	32.76	100	0	Peak
2		159.06	24.24	-19.26	43.50	38.94	16.59	1.33	32.62	---	---	Peak
3		265.71	23.95	-22.05	46.00	35.06	19.67	1.82	32.60	---	---	Peak
4		337.10	29.13	-16.87	46.00	39.78	19.98	1.98	32.61	---	---	Peak
5		751.50	30.66	-15.34	46.00	31.66	28.30	3.17	32.47	---	---	Peak
6	*	883.10	49.10			48.56	29.04	3.41	31.91	---	---	Peak
7		955.20	32.83	-13.17	46.00	29.39	31.20	3.52	31.28	---	---	Peak
8		2716.00	39.50	-34.50	74.00	66.41	27.66	7.27	61.84	---	---	Peak
9		4844.00	41.36	-32.64	74.00	63.94	31.10	8.62	62.30	---	---	Peak
10		6552.00	43.66	-30.34	74.00	62.24	34.30	10.18	63.06	---	---	Peak
11		8326.00	44.98	-29.02	74.00	61.08	36.40	11.43	63.93	---	---	Peak
12		10910.00	47.20	-26.80	74.00	57.95	40.01	13.15	63.91	100	0	Peak
13		11434.00	45.80	-28.20	74.00	56.64	39.50	13.55	63.89	---	---	Peak
14		15258.00	44.60	-29.40	74.00	53.02	39.21	15.42	63.05	---	---	Peak
15		16602.00	44.73	-29.27	74.00	53.32	38.71	16.28	63.58	---	---	Peak
16		27876.00	45.88	-37.66	83.54	36.30	39.72	23.59	53.73	---	---	Peak

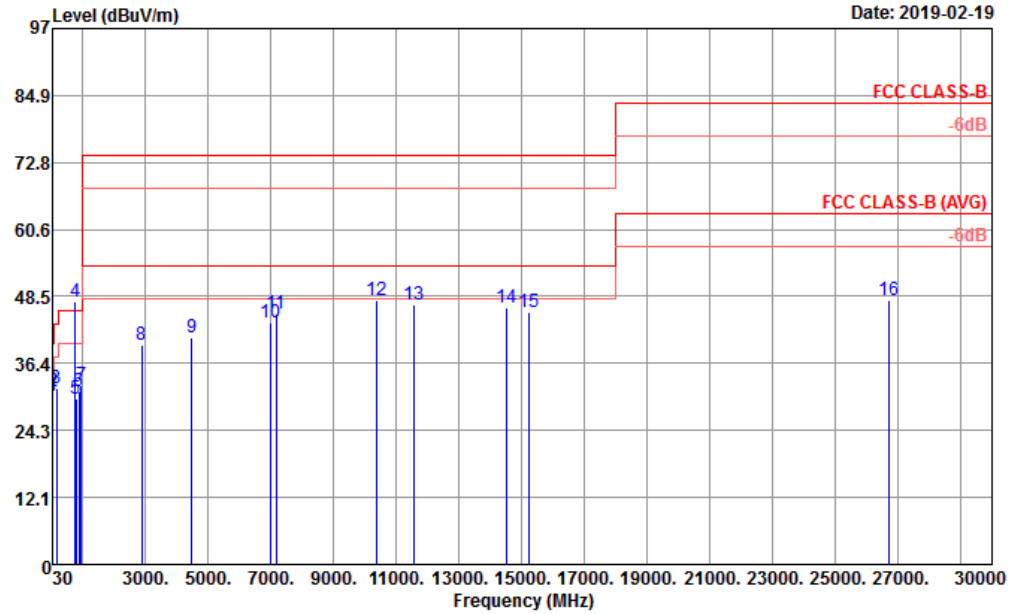
Mode :	Mode 5	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

		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	22.10	-17.90	40.00	29.13	25.30	0.45	32.78	---	---	Peak
2		79.41	18.82	-21.18	40.00	37.17	13.44	0.91	32.70	---	---	Peak
3		155.82	32.63	-10.87	43.50	46.48	17.46	1.32	32.63	100	0	Peak
4		744.50	30.64	-15.36	46.00	31.78	28.19	3.15	32.48	---	---	Peak
5	*	751.50	48.09			49.09	28.30	3.17	32.47	---	---	Peak
6		889.40	32.22	-13.78	46.00	31.77	28.91	3.42	31.88	---	---	Peak
7		952.40	33.66	-12.34	46.00	30.35	31.10	3.52	31.31	---	---	Peak
8		1000.00	44.06	-9.94	54.00	77.84	24.10	3.62	61.50	---	---	Peak
9		4916.00	41.49	-32.51	74.00	63.94	31.03	8.82	62.30	---	---	Peak
10		6588.00	43.83	-30.17	74.00	62.32	34.38	10.24	63.11	---	---	Peak
11		8990.00	45.11	-28.89	74.00	60.57	37.38	11.85	64.69	---	---	Peak
12		10030.00	48.00	-26.00	74.00	61.63	38.67	12.48	64.78	---	---	Peak
13		11044.00	46.18	-27.82	74.00	56.86	39.88	13.25	63.81	---	---	Peak
14		15294.00	47.37	-26.63	74.00	55.94	39.03	15.44	63.04	---	---	Peak
15		17196.00	48.14	-25.86	74.00	54.27	39.99	16.74	62.86	100	0	Peak
16		22488.00	47.61	-35.93	83.54	41.27	38.59	21.15	53.40	---	---	Peak

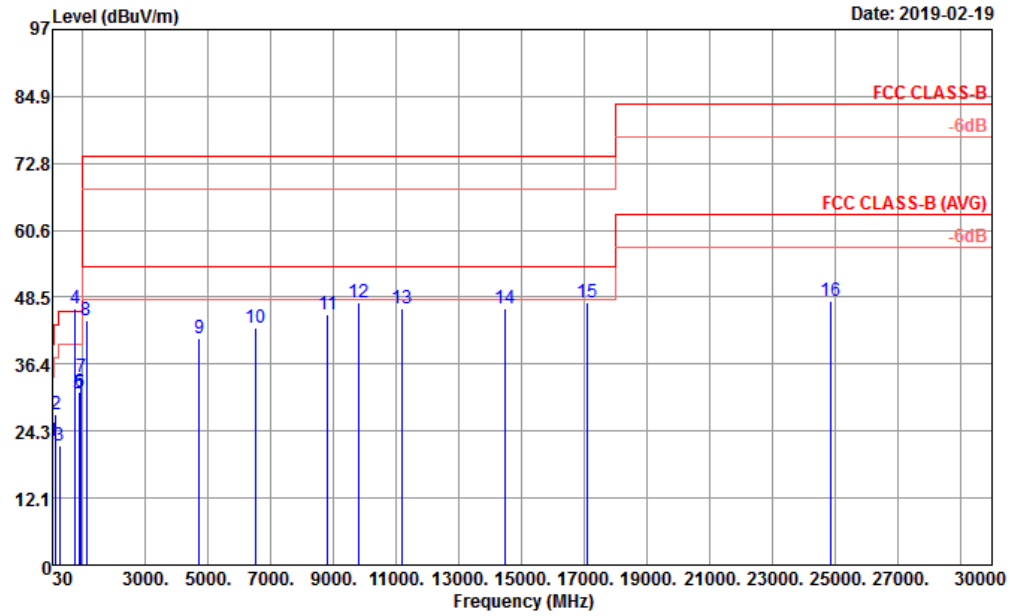
Mode :	Mode 5	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#4 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

		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	30.40	-9.60	40.00	44.80	17.70	0.66	32.76	---	---	Peak
2		47.01	31.33	-8.67	40.00	47.62	15.80	0.66	32.75	100	0	Peak
3		155.82	31.99	-11.51	43.50	45.84	17.46	1.32	32.63	---	---	Peak
4	*	752.90	47.59			48.58	28.30	3.17	32.46	---	---	Peak
5		769.70	30.10	-15.90	46.00	31.03	28.30	3.20	32.43	---	---	Peak
6		874.70	31.39	-14.61	46.00	30.75	29.20	3.40	31.96	---	---	Peak
7		944.70	32.36	-13.64	46.00	29.66	30.58	3.50	31.38	---	---	Peak
8		2888.00	39.61	-34.39	74.00	65.79	28.18	7.52	61.88	---	---	Peak
9		4476.00	40.94	-33.06	74.00	64.10	30.40	8.74	62.30	---	---	Peak
10		6994.00	43.79	-30.21	74.00	61.62	35.38	10.38	63.59	---	---	Peak
11		7174.00	45.31	-28.69	74.00	62.26	36.15	10.53	63.63	---	---	Peak
12		10356.00	47.92	-26.08	74.00	60.29	39.42	12.73	64.52	100	0	Peak
13		11584.00	46.99	-27.01	74.00	57.96	39.33	13.67	63.97	---	---	Peak
14		14496.00	46.35	-27.65	74.00	53.33	41.30	15.02	63.30	---	---	Peak
15		15210.00	45.55	-28.45	74.00	53.76	39.45	15.40	63.06	---	---	Peak
16		26736.00	47.80	-35.74	83.54	38.59	40.04	22.27	53.10	---	---	Peak

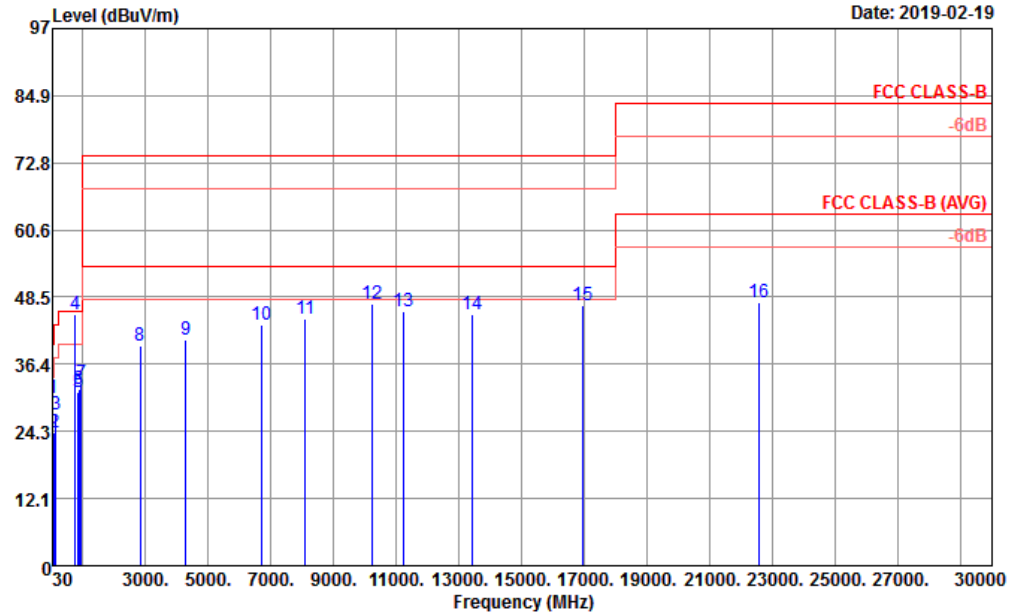
Mode :	Mode 6	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

		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	22.43	-17.57	40.00	29.46	25.30	0.45	32.78	---	---	Peak
2		147.45	27.17	-16.33	43.50	41.29	17.20	1.31	32.63	---	---	Peak
3		268.14	21.54	-24.46	46.00	33.08	19.23	1.83	32.60	---	---	Peak
4	*	751.50	46.39			47.39	28.30	3.17	32.47	---	---	Peak
5		874.00	31.11	-14.89	46.00	30.47	29.20	3.40	31.96	---	---	Peak
6		908.30	31.24	-14.76	46.00	30.47	29.07	3.44	31.74	---	---	Peak
7		951.70	33.97	-12.03	46.00	30.70	31.07	3.51	31.31	100	0	Peak
8		1120.00	44.24	-29.76	74.00	77.20	24.62	3.97	61.55	---	---	Peak
9		4700.00	41.12	-32.88	74.00	63.73	31.10	8.59	62.30	---	---	Peak
10		6514.00	42.91	-31.09	74.00	61.58	34.23	10.12	63.02	---	---	Peak
11		8804.00	45.50	-28.50	74.00	60.47	37.70	11.79	64.46	---	---	Peak
12		9810.00	47.63	-26.37	74.00	61.35	38.86	12.18	64.76	100	0	Peak
13		11172.00	46.51	-27.49	74.00	57.53	39.46	13.35	63.83	---	---	Peak
14		14478.00	46.48	-27.52	74.00	53.49	41.28	15.01	63.30	---	---	Peak
15		17100.00	47.58	-26.42	74.00	54.10	39.80	16.66	62.98	---	---	Peak
16		24852.00	47.78	-35.76	83.54	39.76	40.01	21.24	53.23	---	---	Peak

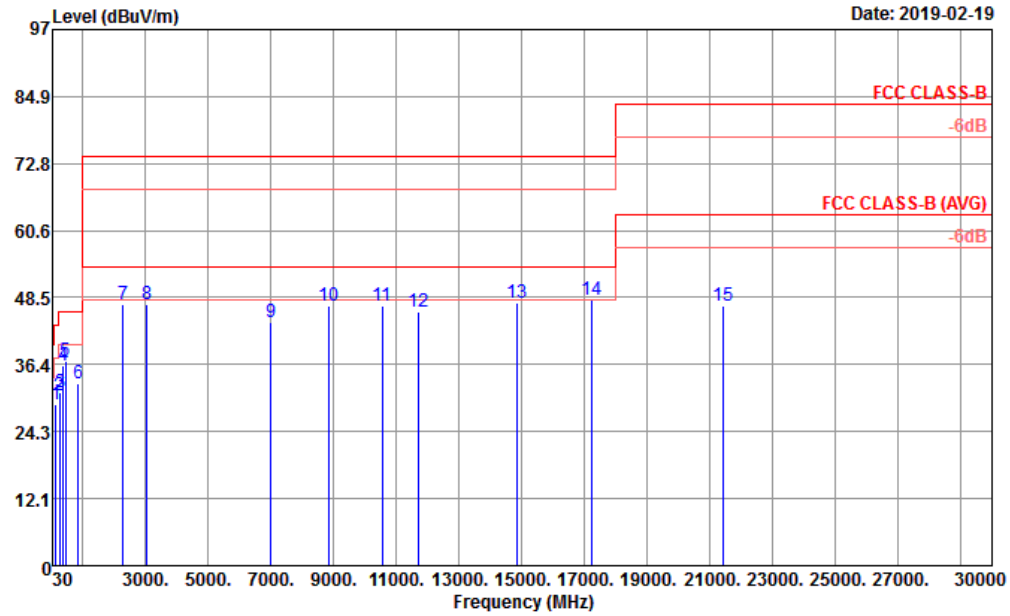
Mode :	Mode 6	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical
Remark :	#4 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	41.34	30.19	-9.81	40.00	43.55	18.80	0.60	32.76	100	0	Peak
2	82.11	23.92	-16.08	40.00	41.95	13.72	0.95	32.70	---	---	Peak
3	147.45	27.28	-16.22	43.50	41.40	17.20	1.31	32.63	---	---	Peak
4	752.90	45.35			46.34	28.30	3.17	32.46	---	---	Peak
5	855.80	31.38	-14.62	46.00	30.78	29.28	3.38	32.06	---	---	Peak
6	884.50	31.97	-14.03	46.00	31.46	29.01	3.41	31.91	---	---	Peak
7	953.80	32.84	-13.16	46.00	29.46	31.15	3.52	31.29	---	---	Peak
8	2832.00	39.82	-34.18	74.00	66.26	28.03	7.40	61.87	---	---	Peak
9	4292.00	40.89	-33.11	74.00	64.52	29.98	8.69	62.30	---	---	Peak
10	6722.00	43.56	-30.44	74.00	61.97	34.46	10.40	63.27	---	---	Peak
11	8098.00	44.48	-29.52	74.00	59.83	37.10	11.25	63.70	---	---	Peak
12	10206.00	47.41	-26.59	74.00	60.51	38.92	12.62	64.64	100	0	Peak
13	11248.00	46.07	-27.93	74.00	57.11	39.40	13.41	63.85	---	---	Peak
14	13440.00	45.50	-28.50	74.00	54.66	39.92	14.31	63.39	---	---	Peak
15	16962.00	47.05	-26.95	74.00	54.02	39.62	16.56	63.15	---	---	Peak
16	22548.00	47.53	-36.01	83.54	41.12	38.67	21.14	53.40	---	---	Peak

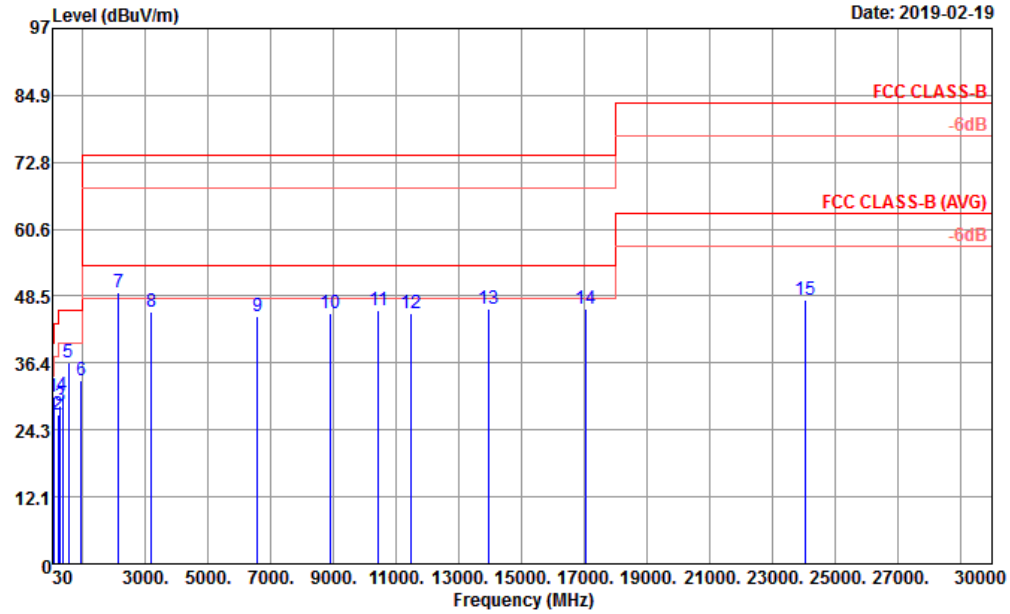
Mode :	Mode 7	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Horizontal



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 HORIZONTAL

	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	147.72	29.16	-14.34	43.50	43.28	17.20	1.31	32.63	---	---	Peak
2	244.92	30.67	-15.33	46.00	43.65	17.89	1.73	32.60	---	---	Peak
3	276.24	31.31	-14.69	46.00	43.27	18.80	1.85	32.61	---	---	Peak
4	369.30	36.32	-9.68	46.00	46.05	20.79	2.10	32.62	---	---	Peak
5	444.90	37.03	-8.97	46.00	44.36	22.90	2.40	32.63	100	0	Peak
6	849.50	32.92	-13.08	46.00	32.36	29.29	3.37	32.10	---	---	Peak
7	2270.00	47.24	-26.76	74.00	74.56	27.80	6.63	61.75	---	---	Peak
8	3052.00	47.31	-26.69	74.00	72.93	28.51	7.80	61.93	---	---	Peak
9	6996.00	44.17	-29.83	74.00	62.01	35.38	10.38	63.60	---	---	Peak
10	8846.00	47.05	-26.95	74.00	62.07	37.70	11.80	64.52	---	---	Peak
11	10556.00	46.96	-27.04	74.00	58.85	39.56	12.88	64.33	---	---	Peak
12	11694.00	45.96	-28.04	74.00	57.35	38.92	13.75	64.06	---	---	Peak
13	14832.00	47.67	-26.33	74.00	54.64	41.00	15.20	63.17	---	---	Peak
14	17214.00	48.02	-25.98	74.00	54.10	40.01	16.75	62.84	100	0	Peak
15	21408.00	46.88	-36.66	83.54	41.62	38.08	20.56	53.38	---	---	Peak

Mode :	Mode 7	Temperature :	20~23℃
Test Engineer :	Daniel Lee	Relative Humidity :	50~53%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH10-HY
Condition : FCC CLASS-B 1m HORN_9170_406_0584 VERTICAL

	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	61.59	30.37	-9.63	40.00	50.57	11.78	0.75	32.73	---	---	Peak
2	203.34	27.13	-16.37	43.50	43.09	15.13	1.50	32.59	---	---	Peak
3	270.30	28.65	-17.35	46.00	40.53	18.89	1.83	32.60	---	---	Peak
4	360.20	30.53	-15.47	46.00	40.40	20.70	2.05	32.62	---	---	Peak
5	532.40	36.46	-9.54	46.00	42.52	24.00	2.61	32.67	100	0	Peak
6	939.10	33.21	-12.79	46.00	30.91	30.25	3.49	31.44	---	---	Peak
7	2130.00	49.04	-24.96	74.00	77.29	27.16	6.32	61.73	100	0	Peak
8	3192.00	45.63	-28.37	74.00	71.13	28.62	7.90	62.02	---	---	Peak
9	6566.00	44.73	-29.27	74.00	63.28	34.33	10.20	63.08	---	---	Peak
10	8876.00	45.26	-28.74	74.00	60.40	37.60	11.81	64.55	---	---	Peak
11	10440.00	45.81	-28.19	74.00	57.91	39.56	12.79	64.45	---	---	Peak
12	11460.00	45.48	-28.52	74.00	56.30	39.50	13.57	63.89	---	---	Peak
13	13944.00	46.13	-27.87	74.00	54.04	40.59	14.72	63.22	---	---	Peak
14	17052.00	46.13	-27.87	74.00	52.79	39.75	16.63	63.04	---	---	Peak
15	24048.00	47.85	-35.69	83.54	40.35	39.87	21.11	53.48	---	---	Peak

THE END