FCC EMI TEST REPORT

FCC ID	:	**PY7-72473U**
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 Jun. 05, 2019 and testing was started from Jun. 23, 2019 and completed on Jun. 30, 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
FC940905-02	01	Initial issue of report	Jul. 17, 2019
FC940905-02	02	Revising test mode typo.	Jul. 26, 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 8.98 dB at 1.577 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 7.89 dB at 34.850 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: Wii Chang

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: Loop Antenna WLAN: **<Ant. 1>**: Loop Antenna **<Ant. 2>**: Monopole 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	7.19	BH93008LH1	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N: 6218W30200140 (for radiated emission) 6218W30200197 (for conducted emission)
Earphone	Model Name.: MH750
	S/N : N/A
USB Cable	Model Name.: UCB24
	S/N : N/A
2 in 1 USB Audio Cable	Model Name.: EC270
	S/N : N/A
Car Charger	Model Name.: AN430
	S/N : 1728A9390002A70

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. EMC & Wireless Communications Laboratory
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. EMC & Wireless Communications Laboratory
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.

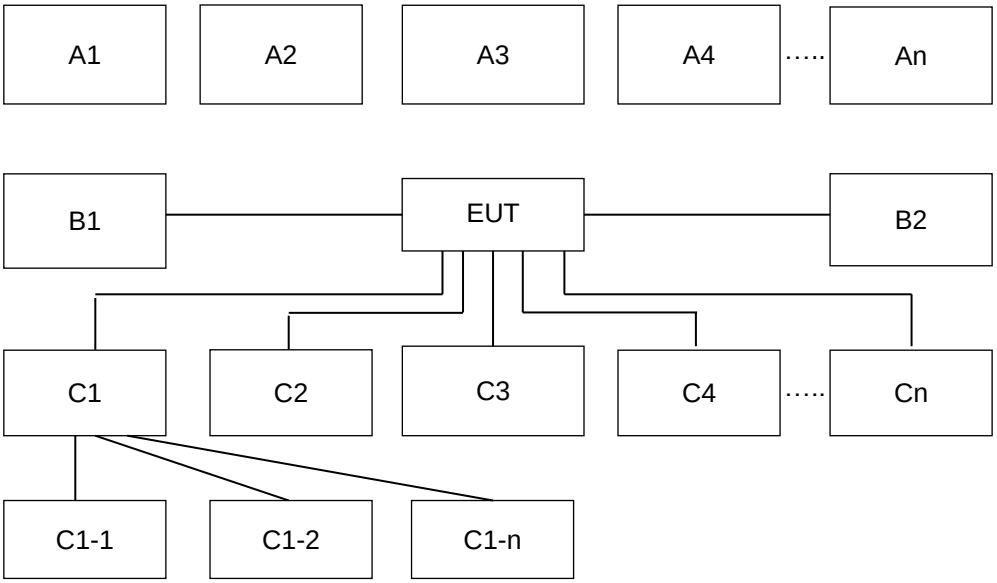
2. Test Configuration of Equipment Under Test

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 + MPEG4 + 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 17 (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 + MPEG4 + 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 17 (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), only the worst case for cellular band 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	
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	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/24V	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
C4	Smart Phone	USB Cable			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.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Sony	RD-0250	PY700A2029	N/A	N/A
5.	Bluetooth Earphone	Sony	SBH82D	PY7-RD0010	N/A	N/A
6.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
7.	WLAN AP	ASUS	RT-AC1750	MSQ-RTAC1750	N/A	Unshielded, 1.8 m
8.	Music Player	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
9.	Notebook	DELL	Latitude E3340	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
10.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
11.	Car Battery	GS	65B24LS	FCC DoC	NA	NA
12.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
13.	Smart Phone	Sony	NA	NA	NA	NA

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 “Video player” to play MPEG4 files.
4. Turn on camera to capture images.
5. Turn on NFC function
6. 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.

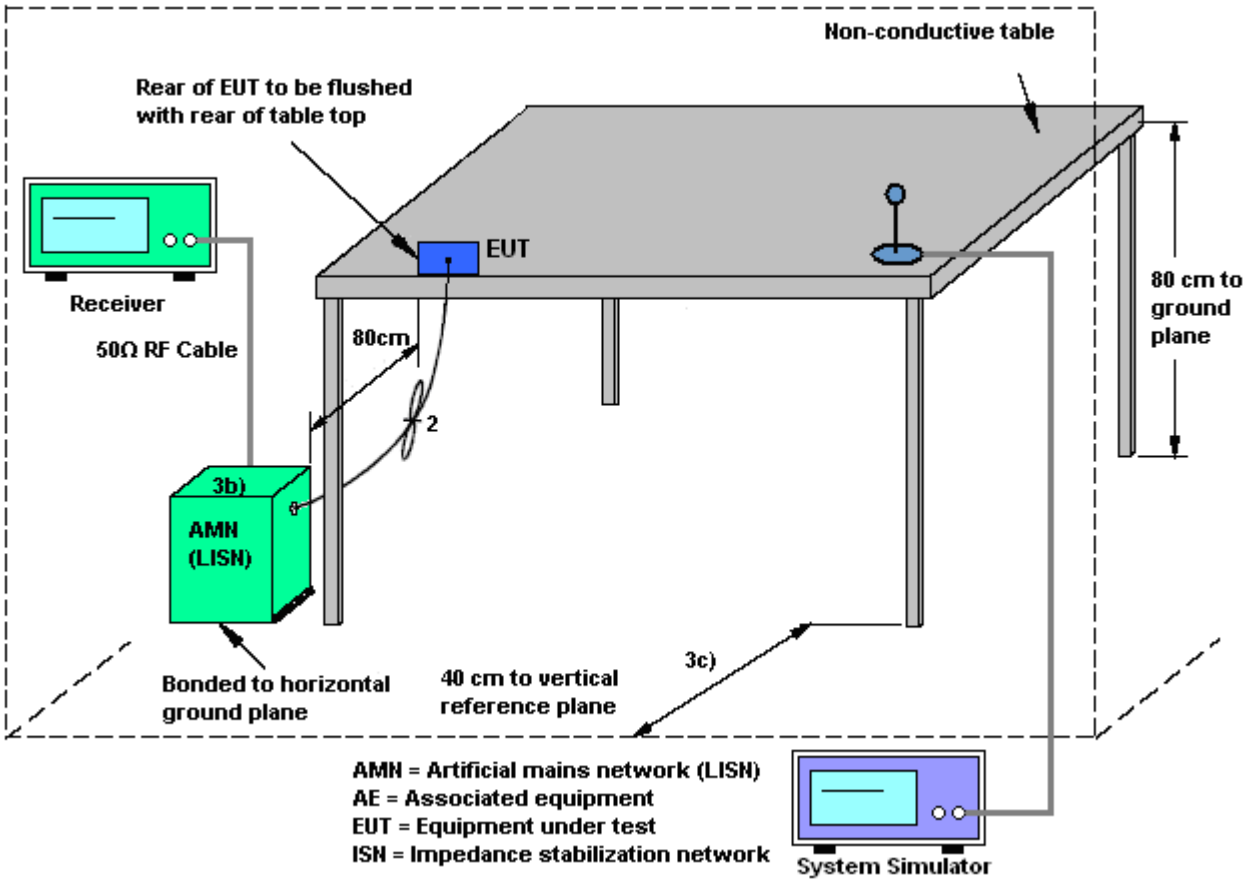
3.1.2 Measuring Instruments

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

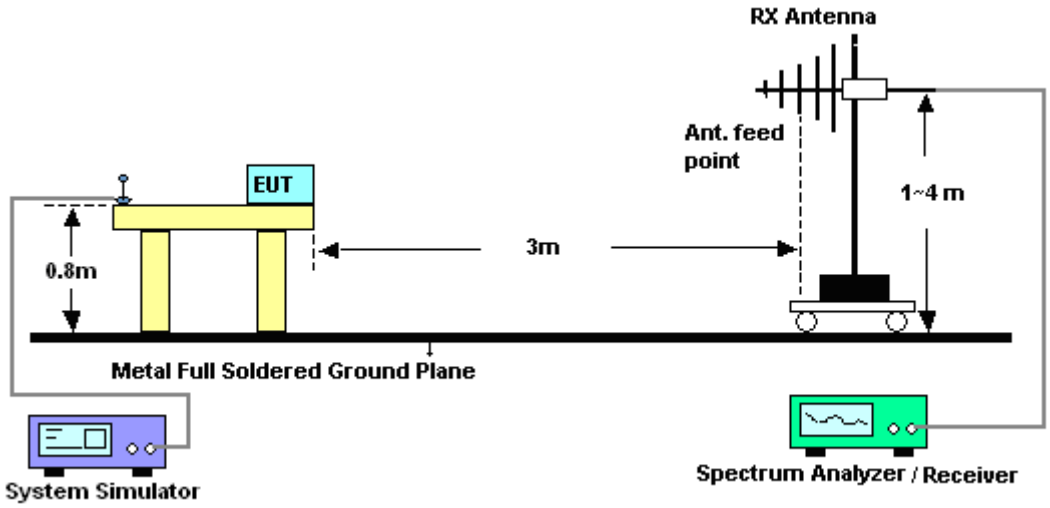
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

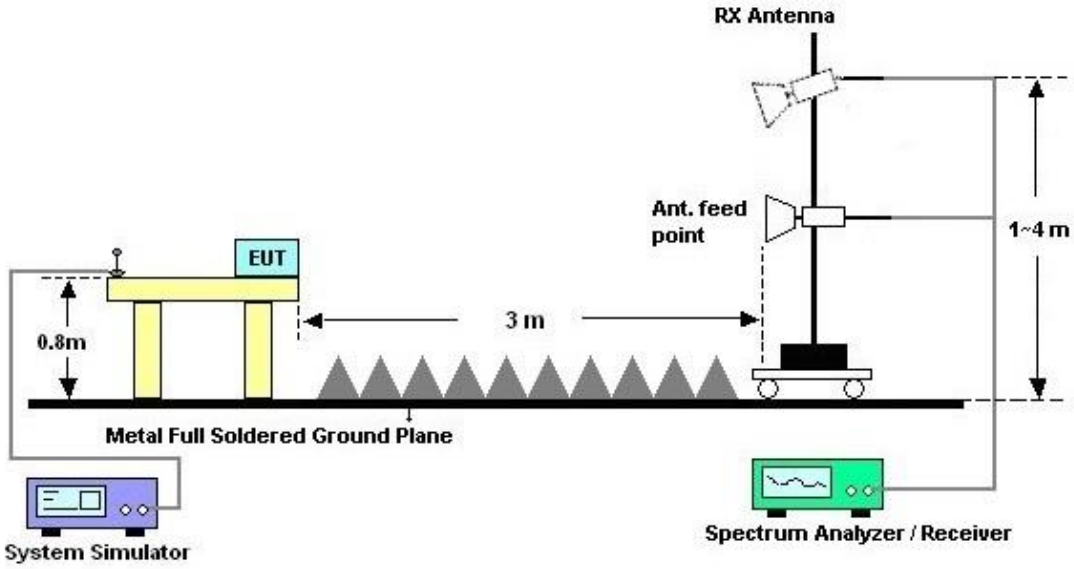
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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	Jun. 23, 2019~ Jun. 30, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Jun. 23, 2019~ Jun. 30, 2019	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jun. 23, 2019~ Jun. 30, 2019	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jun. 23, 2019~ Jun. 30, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jun. 23, 2019~ Jun. 30, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 23, 2019~ Jun. 30, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jun. 23, 2019~ Jun. 30, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jun. 23, 2019~ Jun. 30, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 23, 2018	Jun. 27, 2019~ Jun. 29, 2019	Oct. 22, 2019	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35413&02	30MHz~1GHz	Feb. 12, 2019	Jun. 27, 2019~ Jun. 29, 2019	Feb. 11, 2020	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz ~ 18GHz	Oct. 02, 2018	Jun. 27, 2019~ Jun. 29, 2019	Oct. 01, 2019	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800 -30-10P	160118550004	1GHz~18GHz	Apr. 16, 2019	Jun. 27, 2019~ Jun. 29, 2019	Apr. 15, 2020	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Nov. 02, 2018	Jun. 27, 2019~ Jun. 29, 2019	Nov. 01, 2019	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 27, 2019~ Jun. 29, 2019	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 27, 2019~ Jun. 29, 2019	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jun. 27, 2019~ Jun. 29, 2019	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jun. 27, 2019~ Jun. 29, 2019	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20Hz ~ 8.4GHz	Jan. 19, 2019	Jun. 27, 2019~ Jun. 29, 2019	Jan. 20, 2020	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	Jun. 27, 2019~ Jun. 29, 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	Jun. 27, 2019~ Jun. 29, 2019	Nov. 07, 2019	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 16, 2018	Jun. 27, 2019~ Jun. 29, 2019	Oct. 15, 2019	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 16, 2018	Jun. 27, 2019~ Jun. 29, 2019	Oct. 15, 2019	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	Jun. 27, 2019~ Jun. 29, 2019	Dec. 04, 2019	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Jun. 27, 2019~ Jun. 29, 2019	Dec. 05, 2019	Radiation (03CH10-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Nov. 02, 2018	Jun. 27, 2019~ Jun. 29, 2019	Nov. 01, 2019	Radiation (03CH10-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 02, 2018	Jun. 27, 2019~ Jun. 29, 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)

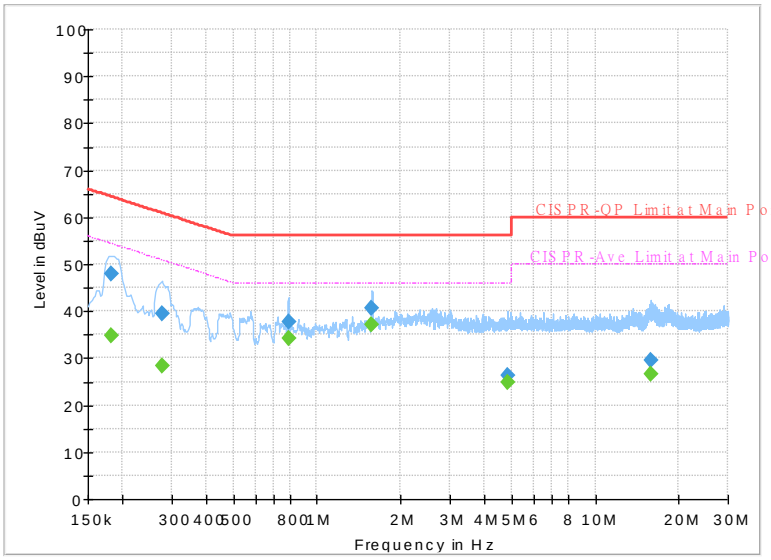
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.60**

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

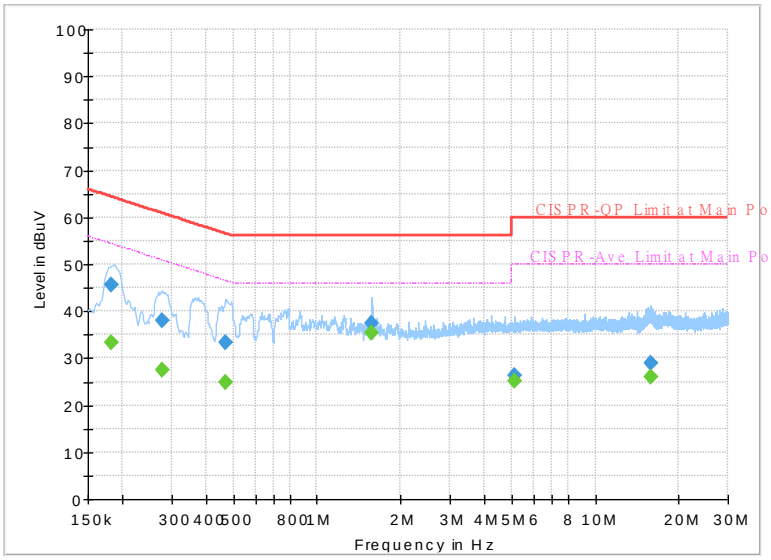
Test Mode :	Mode 1	**Temperature :**	24~26℃
Test Engineer :	Jimmy Chang	**Relative Humidity :**	52~54%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	34.88	54.42	19.54	L1	OFF	19.5
0.181500	47.87	---	64.42	16.55	L1	OFF	19.5
0.276000	---	28.34	50.94	22.60	L1	OFF	19.5
0.276000	39.62	---	60.94	21.32	L1	OFF	19.5
0.789000	---	34.32	46.00	11.68	L1	OFF	19.6
0.789000	37.65	---	56.00	18.35	L1	OFF	19.6
1.576500	---	37.02	46.00	8.98	L1	OFF	19.6
1.576500	40.52	---	56.00	15.48	L1	OFF	19.6
4.832250	---	24.95	46.00	21.05	L1	OFF	19.7
4.832250	26.40	---	56.00	29.60	L1	OFF	19.7
15.904500	---	26.51	50.00	23.49	L1	OFF	20.1
15.904500	29.54	---	60.00	30.46	L1	OFF	20.1

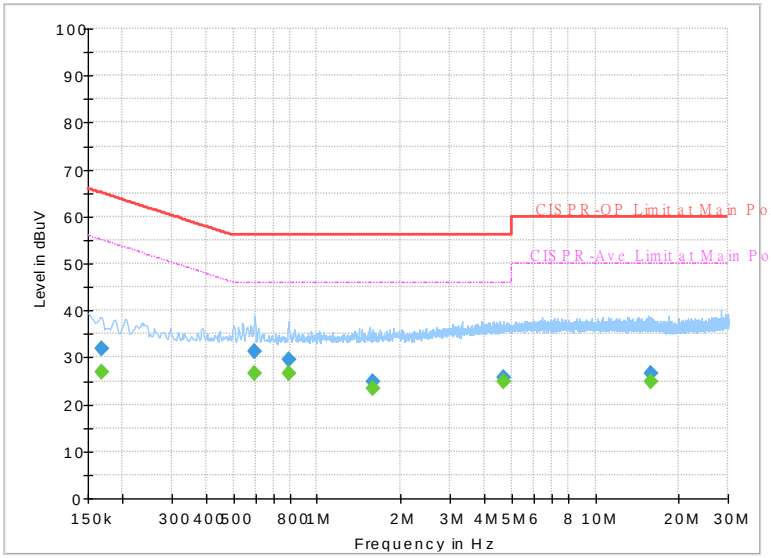
Test Mode :	Mode 1	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	33.20	54.42	21.22	N	OFF	19.5
0.181500	45.72	---	64.42	18.70	N	OFF	19.5
0.276000	---	27.34	50.94	23.60	N	OFF	19.5
0.276000	37.90	---	60.94	23.04	N	OFF	19.5
0.469500	---	24.87	46.52	21.65	N	OFF	19.5
0.469500	33.23	---	56.52	23.29	N	OFF	19.5
1.576500	---	35.30	46.00	10.70	N	OFF	19.6
1.576500	37.56	---	56.00	18.44	N	OFF	19.6
5.138250	---	25.02	50.00	24.98	N	OFF	19.7
5.138250	26.22	---	60.00	33.78	N	OFF	19.7
15.796500	---	26.16	50.00	23.84	N	OFF	20.2
15.796500	28.90	---	60.00	31.10	N	OFF	20.2

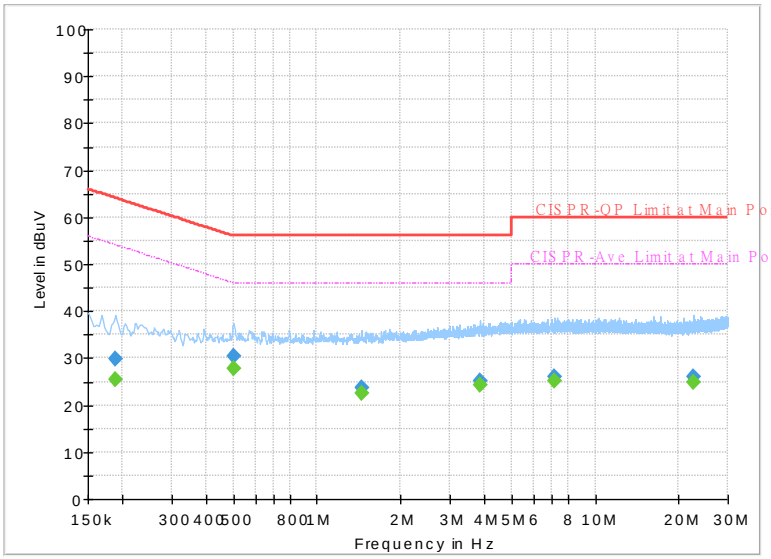
Test Mode :	Mode 2	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	26.80	55.06	28.26	L1	OFF	19.5
0.168000	31.85	---	65.06	33.21	L1	OFF	19.5
0.595500	---	26.51	46.00	19.49	L1	OFF	19.5
0.595500	31.23	---	56.00	24.77	L1	OFF	19.5
0.791250	---	26.63	46.00	19.37	L1	OFF	19.6
0.791250	29.39	---	56.00	26.61	L1	OFF	19.6
1.583250	---	23.37	46.00	22.63	L1	OFF	19.6
1.583250	24.88	---	56.00	31.12	L1	OFF	19.6
4.699500	---	24.74	46.00	21.26	L1	OFF	19.7
4.699500	25.70	---	56.00	30.30	L1	OFF	19.7
15.823500	---	24.96	50.00	25.04	L1	OFF	20.1
15.823500	26.72	---	60.00	33.28	L1	OFF	20.1

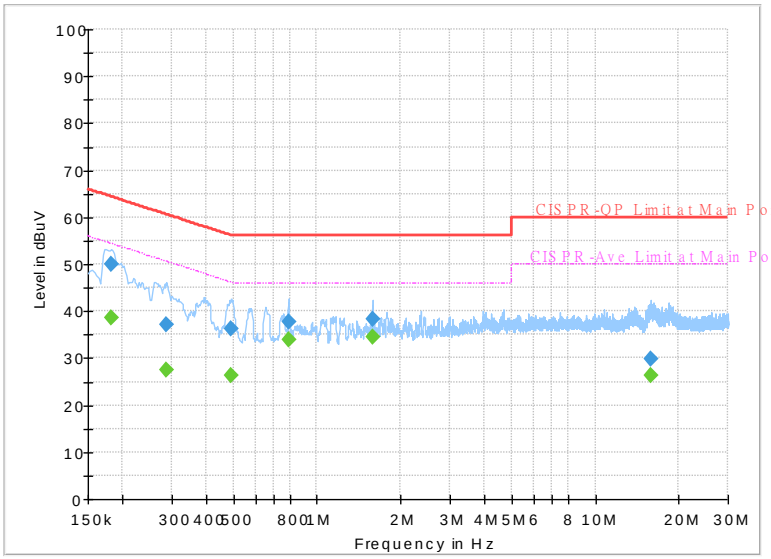
Test Mode :	Mode 2	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.188250	---	25.33	54.11	28.78	N	OFF	19.5
0.188250	29.77	---	64.11	34.34	N	OFF	19.5
0.501000	---	27.89	46.00	18.11	N	OFF	19.5
0.501000	30.30	---	56.00	25.70	N	OFF	19.5
1.446000	---	22.61	46.00	23.39	N	OFF	19.6
1.446000	23.58	---	56.00	32.42	N	OFF	19.6
3.853500	---	24.23	46.00	21.77	N	OFF	19.7
3.853500	25.08	---	56.00	30.92	N	OFF	19.7
7.147500	---	25.01	50.00	24.99	N	OFF	19.8
7.147500	25.94	---	60.00	34.06	N	OFF	19.8
22.618500	---	24.98	50.00	25.02	N	OFF	20.4
22.618500	26.08	---	60.00	33.92	N	OFF	20.4

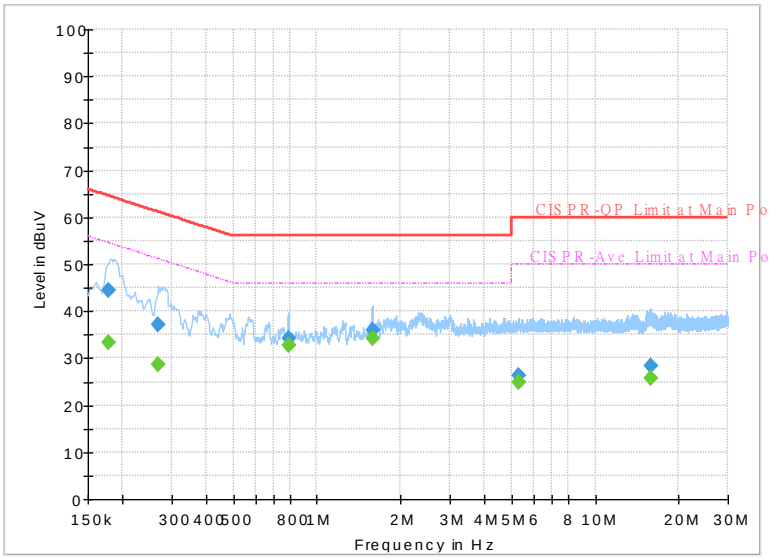
Test Mode :	Mode 3	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	38.60	54.42	15.82	L1	OFF	19.5
0.181500	50.03	---	64.42	14.39	L1	OFF	19.5
0.287250	---	27.47	50.60	23.13	L1	OFF	19.5
0.287250	37.27	---	60.60	23.33	L1	OFF	19.5
0.492000	---	26.45	46.13	19.68	L1	OFF	19.5
0.492000	36.20	---	56.13	19.93	L1	OFF	19.5
0.791250	---	34.03	46.00	11.97	L1	OFF	19.6
0.791250	37.71	---	56.00	18.29	L1	OFF	19.6
1.581000	---	34.61	46.00	11.39	L1	OFF	19.6
1.581000	38.32	---	56.00	17.68	L1	OFF	19.6
15.792000	---	26.25	50.00	23.75	L1	OFF	20.1
15.792000	29.71	---	60.00	30.29	L1	OFF	20.1

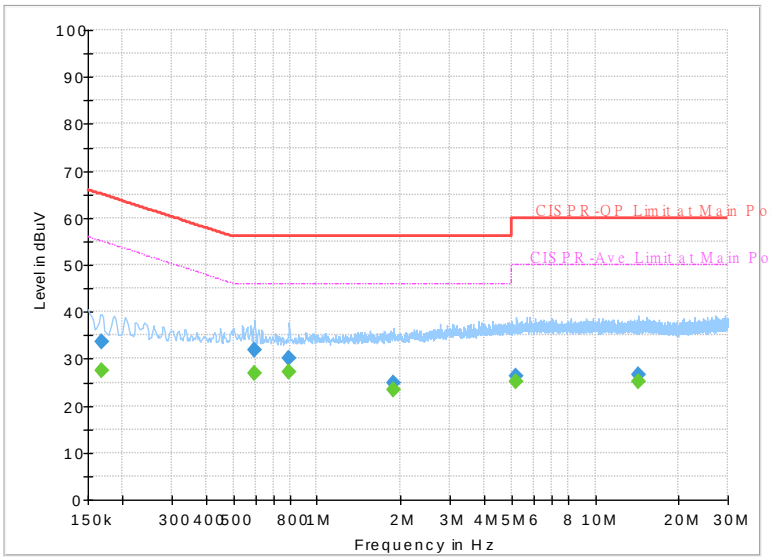
Test Mode :	Mode 3	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	---	33.33	54.63	21.30	N	OFF	19.5
0.177000	44.39	---	64.63	20.24	N	OFF	19.5
0.269250	---	28.54	51.14	22.60	N	OFF	19.5
0.269250	37.25	---	61.14	23.89	N	OFF	19.5
0.789000	---	32.67	46.00	13.33	N	OFF	19.6
0.789000	34.22	---	56.00	21.78	N	OFF	19.6
1.578750	---	34.16	46.00	11.84	N	OFF	19.6
1.578750	35.90	---	56.00	20.10	N	OFF	19.6
5.309250	---	24.87	50.00	25.13	N	OFF	19.7
5.309250	26.25	---	60.00	33.75	N	OFF	19.7
15.897750	---	25.73	50.00	24.27	N	OFF	20.2
15.897750	28.25	---	60.00	31.75	N	OFF	20.2

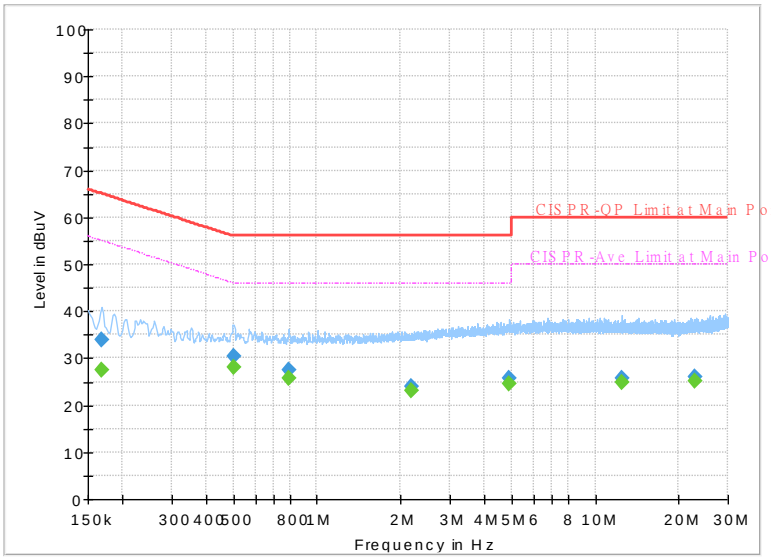
Test Mode :	Mode 4	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	27.40	55.06	27.66	L1	OFF	19.5
0.168000	33.51	---	65.06	31.55	L1	OFF	19.5
0.595500	---	26.85	46.00	19.15	L1	OFF	19.5
0.595500	31.92	---	56.00	24.08	L1	OFF	19.5
0.793500	---	27.20	46.00	18.80	L1	OFF	19.6
0.793500	30.25	---	56.00	25.75	L1	OFF	19.6
1.880250	---	23.43	46.00	22.57	L1	OFF	19.6
1.880250	24.95	---	56.00	31.05	L1	OFF	19.6
5.217000	---	25.12	50.00	24.88	L1	OFF	19.7
5.217000	26.37	---	60.00	33.63	L1	OFF	19.7
14.253000	---	25.05	50.00	24.95	L1	OFF	20.1
14.253000	26.72	---	60.00	33.28	L1	OFF	20.1

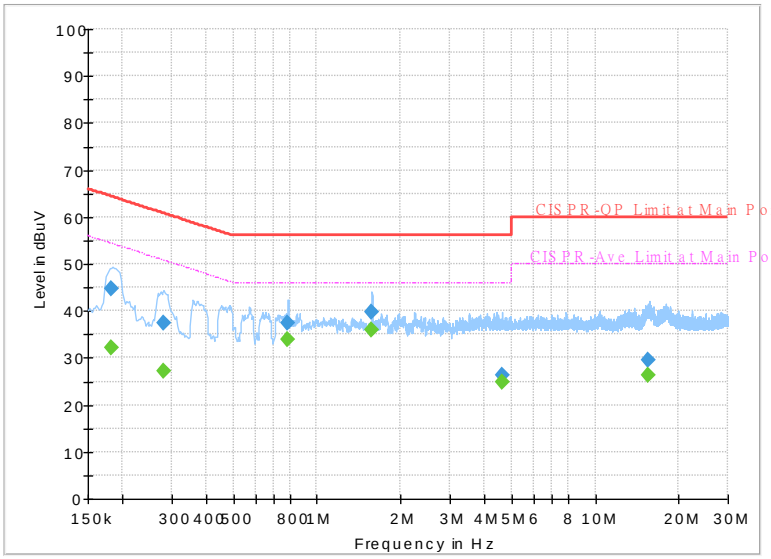
Test Mode :	Mode 4	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	27.44	55.06	27.62	N	OFF	19.5
0.168000	34.02	---	65.06	31.04	N	OFF	19.5
0.501000	---	28.05	46.00	17.95	N	OFF	19.5
0.501000	30.43	---	56.00	25.57	N	OFF	19.5
0.793500	---	25.59	46.00	20.41	N	OFF	19.6
0.793500	27.60	---	56.00	28.40	N	OFF	19.6
2.177250	---	23.00	46.00	23.00	N	OFF	19.5
2.177250	23.85	---	56.00	32.15	N	OFF	19.5
4.926750	---	24.68	46.00	21.32	N	OFF	19.7
4.926750	25.69	---	56.00	30.31	N	OFF	19.7
12.491250	---	24.89	50.00	25.11	N	OFF	20.0
12.491250	25.65	---	60.00	34.35	N	OFF	20.0
22.695000	---	25.02	50.00	24.98	N	OFF	20.4
22.695000	26.08	---	60.00	33.92	N	OFF	20.4

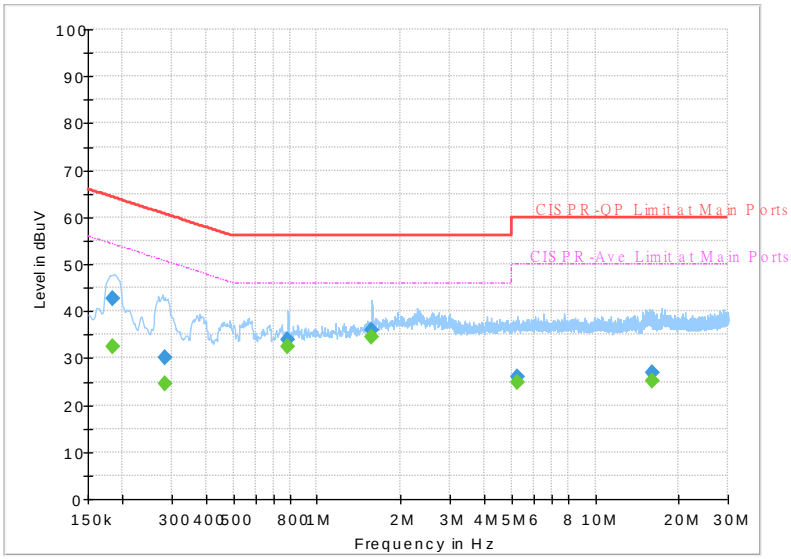
Test Mode :	Mode 5	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	32.31	54.42	22.11	L1	OFF	19.5
0.181500	44.64	---	64.42	19.78	L1	OFF	19.5
0.280500	---	27.10	50.80	23.70	L1	OFF	19.5
0.280500	37.45	---	60.80	23.35	L1	OFF	19.5
0.786750	---	33.78	46.00	12.22	L1	OFF	19.6
0.786750	37.54	---	56.00	18.46	L1	OFF	19.6
1.576500	---	35.88	46.00	10.12	L1	OFF	19.6
1.576500	39.80	---	56.00	16.20	L1	OFF	19.6
4.650000	---	24.84	46.00	21.16	L1	OFF	19.7
4.650000	26.32	---	56.00	29.68	L1	OFF	19.7
15.436500	---	26.24	50.00	23.76	L1	OFF	20.1
15.436500	29.39	---	60.00	30.61	L1	OFF	20.1

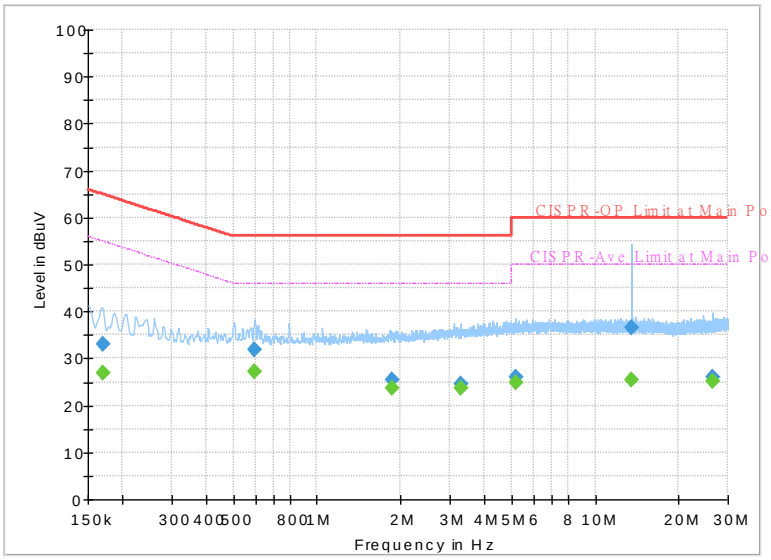
Test Mode :	Mode 5	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	32.51	54.31	21.80	N	OFF	19.5
0.183750	42.77	---	64.31	21.54	N	OFF	19.5
0.282750	---	24.44	50.74	26.30	N	OFF	19.5
0.282750	29.98	---	60.74	30.76	N	OFF	19.5
0.786750	---	32.42	46.00	13.58	N	OFF	19.6
0.786750	33.96	---	56.00	22.04	N	OFF	19.6
1.576500	---	34.42	46.00	11.58	N	OFF	19.6
1.576500	36.05	---	56.00	19.95	N	OFF	19.6
5.246250	---	24.98	50.00	25.02	N	OFF	19.7
5.246250	26.10	---	60.00	33.90	N	OFF	19.7
15.992250	---	25.14	50.00	24.86	N	OFF	20.2
15.992250	26.76	---	60.00	33.24	N	OFF	20.2

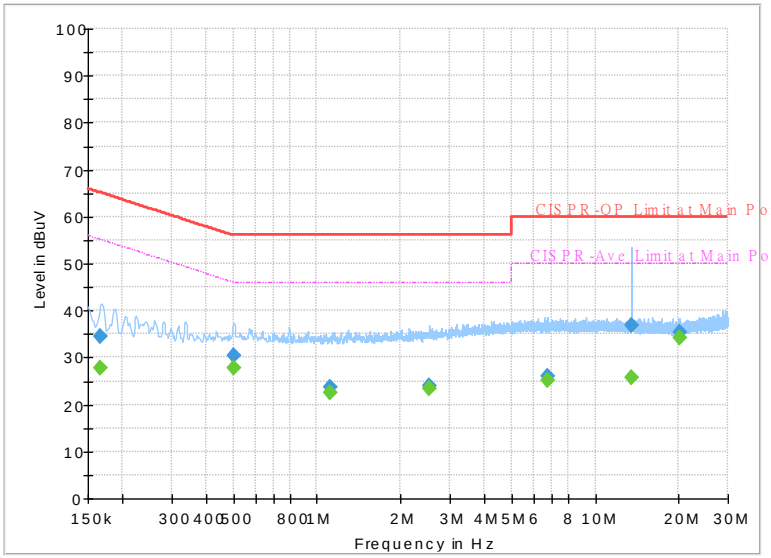
Test Mode :	Mode 6	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170250	---	27.00	54.95	27.95	L1	OFF	19.5
0.170250	33.15	---	64.95	31.80	L1	OFF	19.5
0.595500	---	27.14	46.00	18.86	L1	OFF	19.5
0.595500	31.99	---	56.00	24.01	L1	OFF	19.5
1.862250	---	23.59	46.00	22.41	L1	OFF	19.6
1.862250	25.30	---	56.00	30.70	L1	OFF	19.6
3.277500	---	23.82	46.00	22.18	L1	OFF	19.7
3.277500	24.65	---	56.00	31.35	L1	OFF	19.7
5.174250	---	24.97	50.00	25.03	L1	OFF	19.7
5.174250	26.12	---	60.00	33.88	L1	OFF	19.7
13.560000	---	25.54	50.00	24.46	L1	OFF	20.0
13.560000	36.53	---	60.00	23.47	L1	OFF	20.0
26.351250	---	25.23	50.00	24.77	L1	OFF	20.4
26.351250	26.13	---	60.00	33.87	L1	OFF	20.4

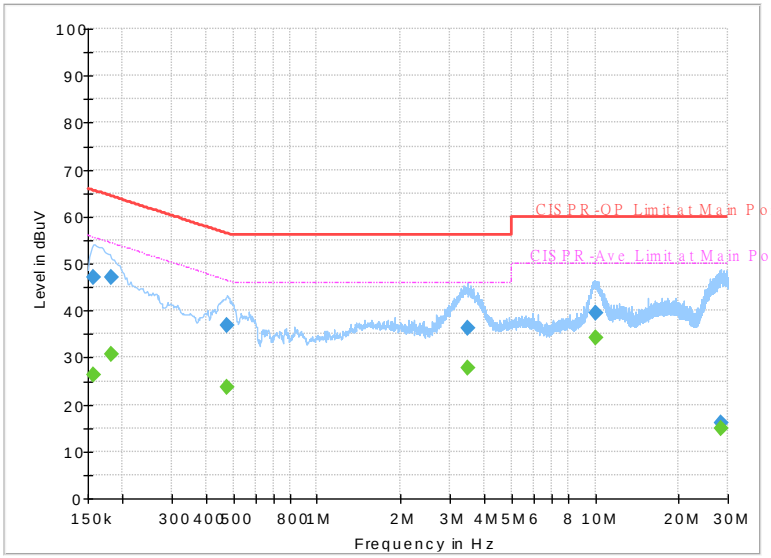
Test Mode :	Mode 6	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	27.66	55.17	27.51	N	OFF	19.5
0.165750	34.44	---	65.17	30.73	N	OFF	19.5
0.501000	---	27.92	46.00	18.08	N	OFF	19.5
0.501000	30.34	---	56.00	25.66	N	OFF	19.5
1.115250	---	22.63	46.00	23.37	N	OFF	19.6
1.115250	23.78	---	56.00	32.22	N	OFF	19.6
2.519250	---	23.26	46.00	22.74	N	OFF	19.6
2.519250	24.08	---	56.00	31.92	N	OFF	19.6
6.742500	---	25.07	50.00	24.93	N	OFF	19.8
6.742500	26.07	---	60.00	33.93	N	OFF	19.8
13.560000	---	25.63	50.00	24.37	N	OFF	20.1
13.560000	36.88	---	60.00	23.12	N	OFF	20.1
20.168250	---	34.26	50.00	15.74	N	OFF	20.3
20.168250	35.40	---	60.00	24.60	N	OFF	20.3

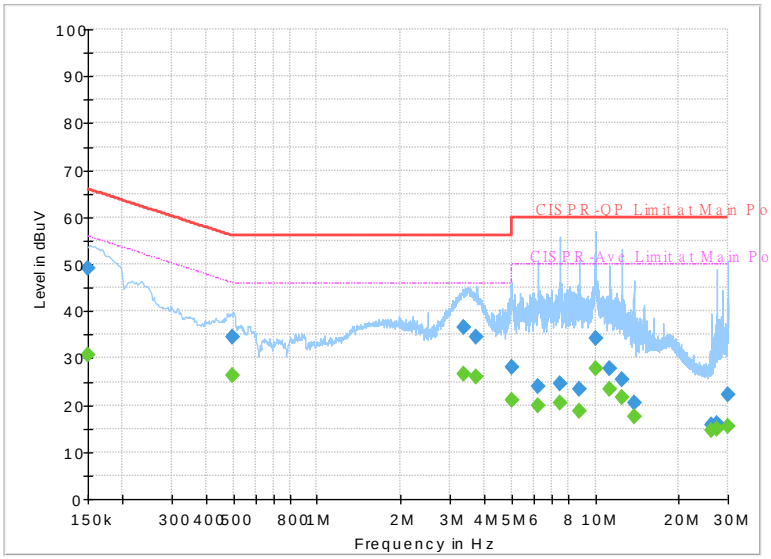
Test Mode :	Mode 7	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Filter	Corr.
0.156750	---	26.41	55.63	29.22	L1	OFF	19.4
0.156750	47.19	---	65.63	18.44	L1	OFF	19.4
0.181500	---	30.56	54.42	23.86	L1	OFF	19.4
0.181500	47.07	---	64.42	17.35	L1	OFF	19.4
0.476250	---	23.76	46.40	22.64	L1	OFF	19.4
0.476250	36.85	---	56.40	19.55	L1	OFF	19.4
3.471000	---	27.87	46.00	18.13	L1	OFF	19.5
3.471000	36.36	---	56.00	19.64	L1	OFF	19.5
10.068000	---	34.07	50.00	15.93	L1	OFF	19.6
10.068000	39.48	---	60.00	20.52	L1	OFF	19.6
28.299750	---	14.90	50.00	35.10	L1	OFF	19.7
28.299750	15.99	---	60.00	44.01	L1	OFF	19.7

Test Mode :	Mode 7	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

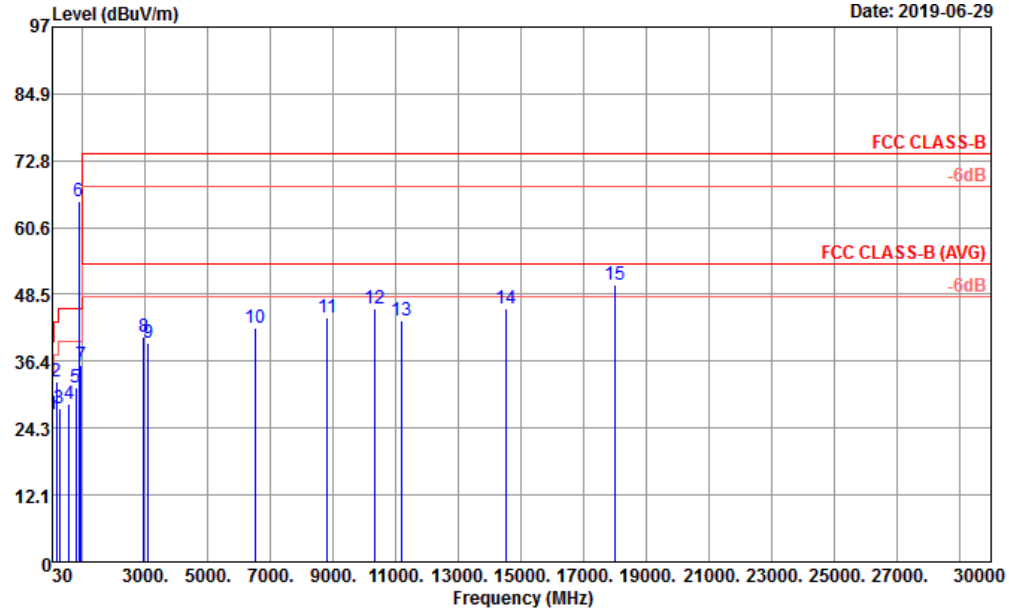


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	30.62	56.00	25.38	N	OFF	19.4
0.150000	49.06	---	66.00	16.94	N	OFF	19.4
0.498750	---	26.36	46.02	19.66	N	OFF	19.5
0.498750	34.50	---	56.02	21.52	N	OFF	19.5
3.372000	---	26.65	46.00	19.35	N	OFF	19.5
3.372000	36.60	---	56.00	19.40	N	OFF	19.5
3.747750	---	26.15	46.00	19.85	N	OFF	19.5
3.747750	34.52	---	56.00	21.48	N	OFF	19.5
5.016750	---	21.05	50.00	28.95	N	OFF	19.6
5.016750	28.17	---	60.00	31.83	N	OFF	19.6
6.249750	---	19.74	50.00	30.26	N	OFF	19.6
6.249750	24.01	---	60.00	35.99	N	OFF	19.6
7.500750	---	20.51	50.00	29.49	N	OFF	19.6
7.500750	24.50	---	60.00	35.50	N	OFF	19.6
8.749500	---	18.58	50.00	31.42	N	OFF	19.6
8.749500	23.26	---	60.00	36.74	N	OFF	19.6
10.000500	---	27.80	50.00	22.20	N	OFF	19.7
10.000500	34.20	---	60.00	25.80	N	OFF	19.7
11.249250	---	23.52	50.00	26.48	N	OFF	19.7
11.249250	27.87	---	60.00	32.13	N	OFF	19.7
12.500250	---	21.58	50.00	28.42	N	OFF	19.7
12.500250	25.47	---	60.00	34.53	N	OFF	19.7
13.751250	---	17.43	50.00	32.57	N	OFF	19.7
13.751250	20.43	---	60.00	39.57	N	OFF	19.7
26.250000	---	14.74	50.00	35.26	N	OFF	19.9
26.250000	15.81	---	60.00	44.19	N	OFF	19.9
27.498750	---	14.85	50.00	35.15	N	OFF	20.0
27.498750	16.12	---	60.00	43.88	N	OFF	20.0
30.000000	---	15.37	50.00	34.63	N	OFF	20.0
30.000000	22.33	---	60.00	37.67	N	OFF	20.0

Appendix B. Radiated Emission Test Result

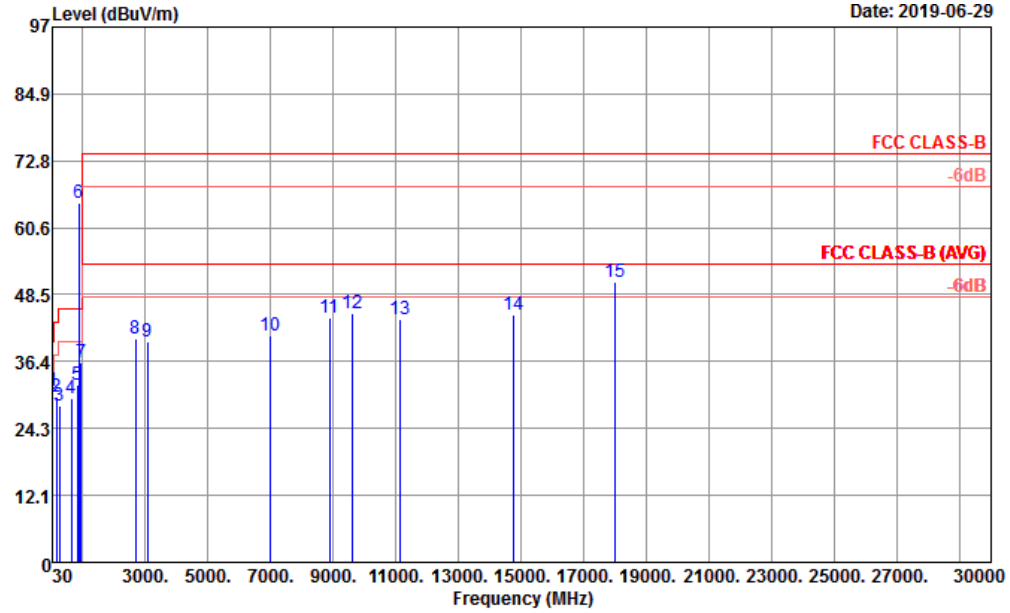
Mode :	Mode 1	Temperature :	20~22°C
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		30.00	26.63	-13.37	40.00	33.66	25.30	0.45	32.78	0.00	---	---
2		156.10	32.69	-10.81	43.50	46.50	17.50	1.32	32.63	0.00	---	---
3		266.68	27.89	-18.11	46.00	39.17	19.50	1.82	32.60	0.00	---	---
4		565.44	28.63	-17.37	46.00	32.35	26.28	2.69	32.69	0.00	---	---
5		776.90	31.62	-14.38	46.00	32.43	28.40	3.21	32.42	0.00	---	---
6	*	881.66	65.44			64.88	29.07	3.41	31.92	0.00	---	---
7		954.41	35.62	-10.38	46.00	32.21	31.18	3.52	31.29	0.00	100	0
8		2938.00	40.82	-33.18	74.00	66.80	28.28	7.63	61.89	0.00	---	---
9		3088.00	39.80	-34.20	74.00	65.27	28.65	7.83	61.95	0.00	---	---
10		6514.00	42.42	-31.58	74.00	61.09	34.23	10.12	63.02	0.00	---	---
11		8814.00	44.44	-29.56	74.00	59.43	37.70	11.79	64.48	0.00	---	---
12		10336.00	45.91	-28.09	74.00	58.38	39.34	12.72	64.53	0.00	---	---
13		11166.00	43.85	-30.15	74.00	54.86	39.47	13.35	63.83	0.00	---	---
14		14520.00	45.88	-28.12	74.00	52.36	41.28	15.53	63.29	0.00	---	---
15		17975.00	50.30	-23.70	74.00	46.86	47.10	18.65	62.31	0.00	100	0

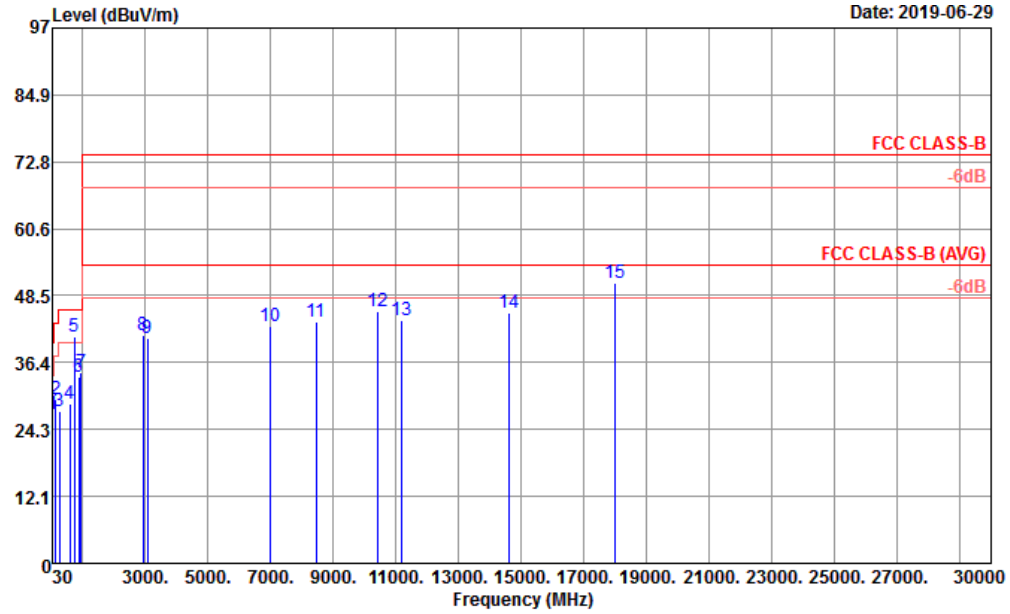
Mode :	Mode 1	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		42.61	31.11	-8.89	40.00	44.94	18.30	0.63	32.76	0.00	100	0
2		153.19	29.90	-13.60	43.50	44.41	16.80	1.32	32.63	0.00	---	---
3		259.89	28.38	-17.62	46.00	39.20	19.98	1.80	32.60	0.00	---	---
4		639.16	29.85	-16.15	46.00	32.98	26.60	2.93	32.66	0.00	---	---
5		822.49	32.04	-13.96	46.00	32.84	28.15	3.30	32.25	0.00	---	---
6	*	881.66	65.03			64.47	29.07	3.41	31.92	0.00	---	---
7		943.74	36.32	-9.68	46.00	33.69	30.52	3.50	31.39	0.00	---	---
8		2690.00	40.54	-33.46	74.00	67.55	27.58	7.25	61.84	0.00	---	---
9		3078.00	40.01	-33.99	74.00	65.53	28.61	7.82	61.95	0.00	---	---
10		6980.00	41.18	-32.82	74.00	59.05	35.32	10.39	63.58	0.00	---	---
11		8888.00	44.41	-29.59	74.00	59.61	37.55	11.82	64.57	0.00	---	---
12		9628.00	45.24	-28.76	74.00	59.35	38.51	12.11	64.73	0.00	---	---
13		11150.00	43.97	-30.03	74.00	54.96	39.50	13.34	63.83	0.00	---	---
14		14760.00	44.82	-29.18	74.00	51.20	41.22	15.60	63.20	0.00	---	---
15		17975.00	50.80	-23.20	74.00	47.36	47.10	18.65	62.31	0.00	100	0

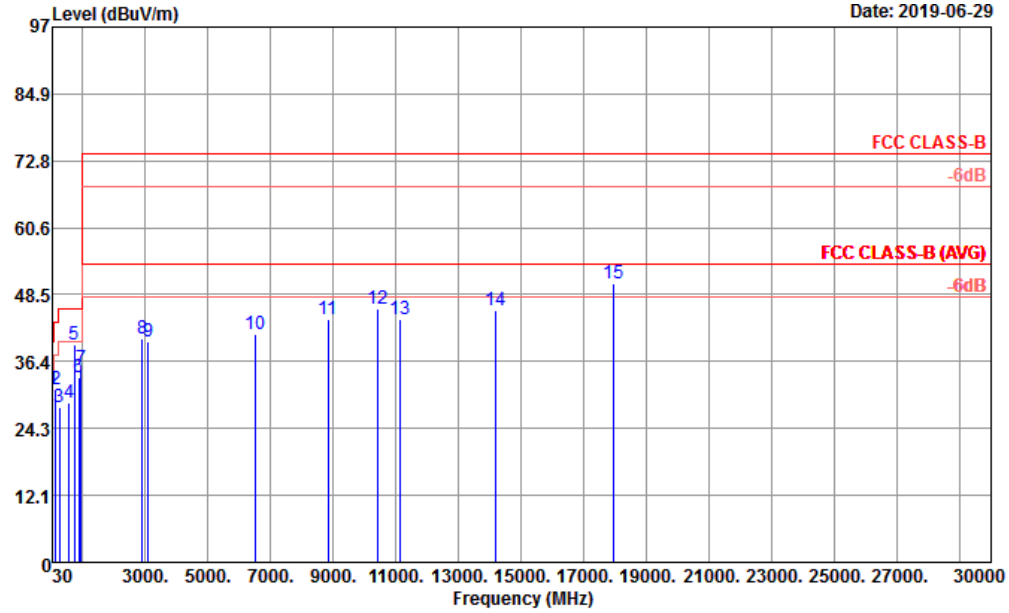
Mode :	Mode 2	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	30.00	26.96	-13.04	40.00	33.99	25.30	0.45	32.78	0.00	---	---
2	145.43	29.75	-13.75	43.50	43.87	17.20	1.31	32.63	0.00	---	---
3	258.92	27.69	-18.31	46.00	38.67	19.83	1.79	32.60	0.00	---	---
4	586.78	28.93	-17.07	46.00	33.05	25.86	2.73	32.71	0.00	---	---
5	737.50	41.17			42.53	28.00	3.13	32.49	0.00	---	---
6	870.99	33.77	-12.23	46.00	33.15	29.20	3.40	31.98	0.00	---	---
7	954.41	34.60	-11.40	46.00	31.19	31.18	3.52	31.29	0.00	100	0
8	2922.00	41.34	-32.66	74.00	67.39	28.24	7.59	61.88	0.00	---	---
9	3058.00	40.68	-33.32	74.00	66.28	28.53	7.80	61.93	0.00	---	---
10	6980.00	42.83	-31.17	74.00	60.70	35.32	10.39	63.58	0.00	---	---
11	8456.00	43.79	-30.21	74.00	59.80	36.54	11.51	64.06	0.00	---	---
12	10406.00	45.76	-28.24	74.00	57.88	39.59	12.77	64.48	0.00	---	---
13	11156.00	44.07	-29.93	74.00	55.07	39.49	13.34	63.83	0.00	---	---
14	14605.00	45.49	-28.51	74.00	51.99	41.21	15.55	63.26	0.00	---	---
15	17970.00	50.78	-23.22	74.00	47.46	46.98	18.65	62.31	0.00	100	0

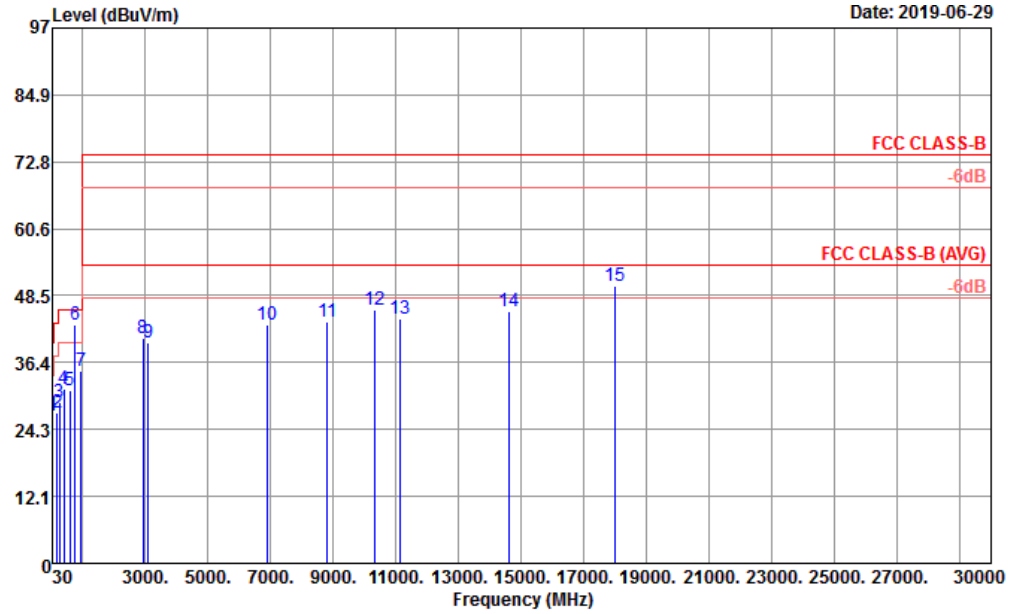
Mode :	Mode 2	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	41.64	31.39	-8.61	40.00	44.83	18.71	0.61	32.76	0.00	100	0
2	144.46	31.40	-12.10	43.50	45.47	17.25	1.31	32.63	0.00	---	---
3	252.13	28.02	-17.98	46.00	40.05	18.80	1.77	32.60	0.00	---	---
4	565.44	28.86	-17.14	46.00	32.58	26.28	2.69	32.69	0.00	---	---
5	737.50	39.48			40.84	28.00	3.13	32.49	0.00	---	---
6	872.93	33.62	-12.38	46.00	32.99	29.20	3.40	31.97	0.00	---	---
7	957.32	35.13	-10.87	46.00	31.61	31.25	3.53	31.26	0.00	---	---
8	2892.00	40.57	-33.43	74.00	66.74	28.18	7.53	61.88	0.00	---	---
9	3094.00	39.87	-34.13	74.00	65.32	28.68	7.83	61.96	0.00	---	---
10	6526.00	41.40	-32.60	74.00	60.04	34.25	10.14	63.03	0.00	---	---
11	8826.00	43.94	-30.06	74.00	58.93	37.70	11.80	64.49	0.00	---	---
12	10428.00	46.03	-27.97	74.00	58.13	39.57	12.79	64.46	0.00	---	---
13	11154.00	44.01	-29.99	74.00	55.01	39.49	13.34	63.83	0.00	---	---
14	14190.00	45.65	-28.35	74.00	52.37	41.10	15.42	63.24	0.00	---	---
15	17955.00	50.40	-23.60	74.00	47.48	46.62	18.62	62.32	0.00	100	0

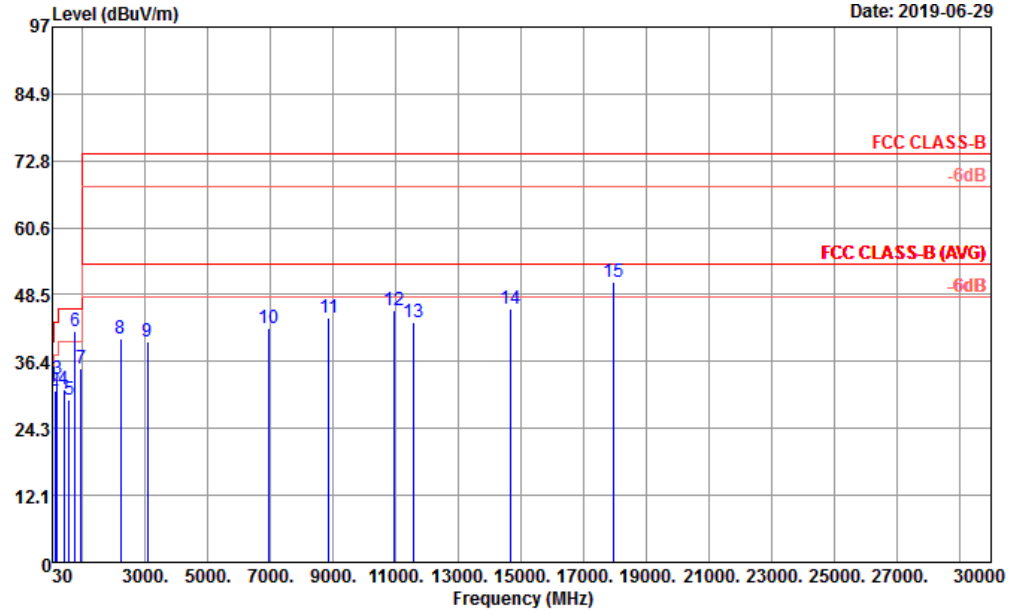
Mode :	Mode 3	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	30.00	26.88	-13.12	40.00	33.91	25.30	0.45	32.78	0.00	---	---
2	177.44	27.23	-16.27	43.50	43.29	15.10	1.45	32.61	0.00	---	---
3	260.86	29.26	-16.74	46.00	40.09	19.97	1.80	32.60	0.00	---	---
4	393.75	31.69	-14.31	46.00	40.43	21.65	2.23	32.62	0.00	---	---
5	580.96	31.42	-14.58	46.00	35.50	25.90	2.72	32.70	0.00	---	---
6	751.00	43.28			44.28	28.30	3.17	32.47	0.00	---	---
7	953.44	34.92	-11.08	46.00	31.56	31.14	3.52	31.30	0.00	100	0
8	2914.00	40.69	-33.31	74.00	66.76	28.23	7.58	61.88	0.00	---	---
9	3096.00	39.94	-34.06	74.00	65.39	28.68	7.83	61.96	0.00	---	---
10	6902.00	43.16	-30.84	74.00	61.20	35.01	10.43	63.48	0.00	---	---
11	8810.00	43.74	-30.26	74.00	58.72	37.70	11.79	64.47	0.00	---	---
12	10336.00	45.89	-28.11	74.00	58.36	39.34	12.72	64.53	0.00	---	---
13	11146.00	44.43	-29.57	74.00	55.42	39.51	13.33	63.83	0.00	---	---
14	14610.00	45.54	-28.46	74.00	52.02	41.22	15.56	63.26	0.00	---	---
15	17985.00	50.34	-23.66	74.00	46.64	47.34	18.67	62.31	0.00	100	0

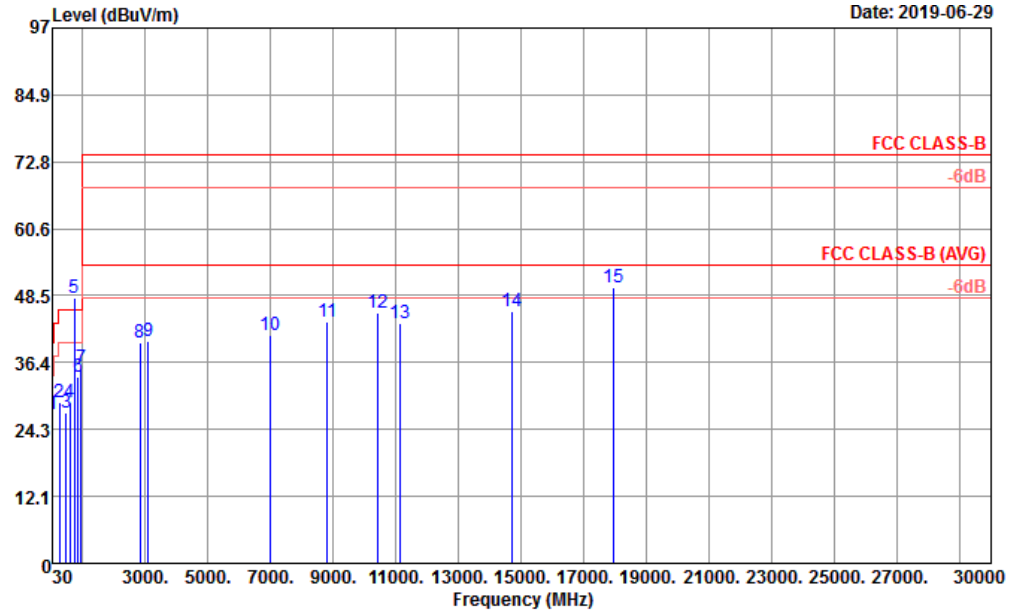
Mode :	Mode 3	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	34.85	32.11	-7.89	40.00	41.87	22.58	0.43	32.77	0.00	100	0
2	121.18	31.05	-12.45	43.50	45.11	17.42	1.17	32.65	0.00	---	---
3	175.50	33.31	-10.19	43.50	49.23	15.25	1.44	32.61	0.00	---	---
4	396.66	31.45	-14.55	46.00	40.09	21.73	2.25	32.62	0.00	---	---
5	561.56	29.49	-16.51	46.00	33.20	26.30	2.68	32.69	0.00	---	---
6	751.00	42.01			43.01	28.30	3.17	32.47	0.00	---	---
7	953.44	35.04	-10.96	46.00	31.68	31.14	3.52	31.30	0.00	---	---
8	2204.00	40.43	-33.57	74.00	67.79	27.89	6.49	61.74	0.00	---	---
9	3078.00	39.86	-34.14	74.00	65.38	28.61	7.82	61.95	0.00	---	---
10	6960.00	42.35	-31.65	74.00	60.26	35.24	10.40	63.55	0.00	---	---
11	8848.00	44.23	-29.77	74.00	59.25	37.70	11.80	64.52	0.00	---	---
12	10924.00	45.67	-28.33	74.00	56.38	40.02	13.16	63.89	0.00	---	---
13	11552.00	43.63	-30.37	74.00	54.52	39.40	13.65	63.94	0.00	---	---
14	14650.00	46.02	-27.98	74.00	52.39	41.30	15.57	63.24	0.00	---	---
15	17960.00	50.76	-23.24	74.00	47.71	46.74	18.63	62.32	0.00	100	0

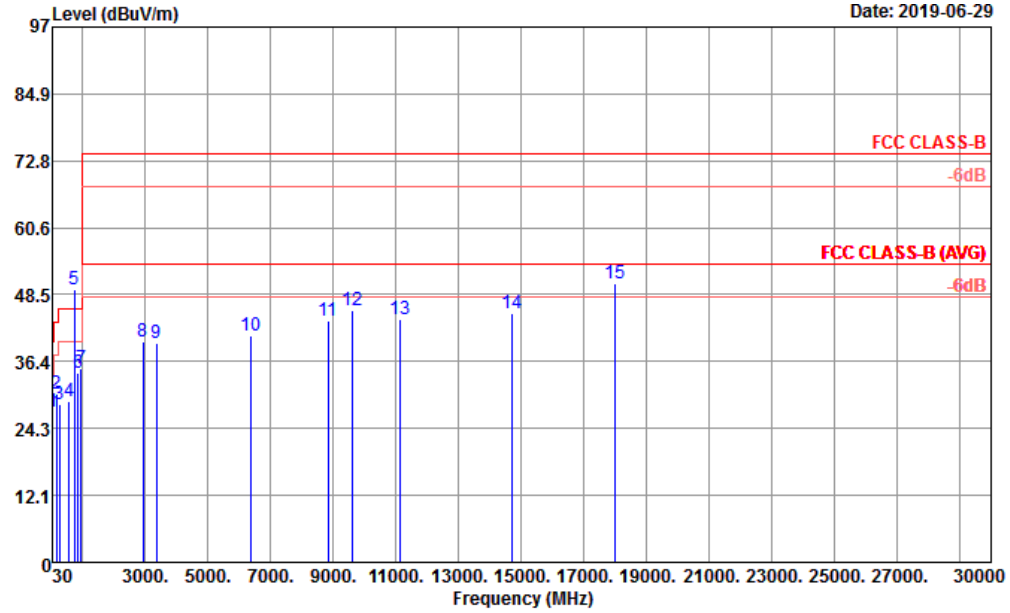
Mode :	Mode 4	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		30.97	27.13	-12.87	40.00	34.65	24.81	0.45	32.78	0.00	---	---
2		257.95	29.19	-16.81	46.00	40.33	19.67	1.79	32.60	0.00	---	---
3		460.68	27.31	-18.69	46.00	34.30	23.21	2.43	32.63	0.00	---	---
4		585.81	29.08	-16.92	46.00	33.18	25.88	2.73	32.71	0.00	---	---
5	*	740.00	47.98			49.23	28.10	3.14	32.49	0.00	---	---
6		860.32	33.70	-12.30	46.00	33.16	29.20	3.38	32.04	0.00	---	---
7		941.80	35.49	-10.51	46.00	32.99	30.41	3.50	31.41	0.00	100	0
8		2826.00	39.92	-34.08	74.00	66.40	28.00	7.39	61.87	0.00	---	---
9		3098.00	40.23	-33.77	74.00	65.67	28.69	7.83	61.96	0.00	---	---
10		6984.00	41.37	-32.63	74.00	59.22	35.34	10.39	63.58	0.00	---	---
11		8806.00	43.71	-30.29	74.00	58.69	37.70	11.79	64.47	0.00	---	---
12		10410.00	45.52	-28.48	74.00	57.63	39.59	12.77	64.47	0.00	---	---
13		11150.00	43.62	-30.38	74.00	54.61	39.50	13.34	63.83	0.00	---	---
14		14685.00	45.72	-28.28	74.00	52.00	41.37	15.58	63.23	0.00	---	---
15		17955.00	50.08	-23.92	74.00	47.16	46.62	18.62	62.32	0.00	100	0

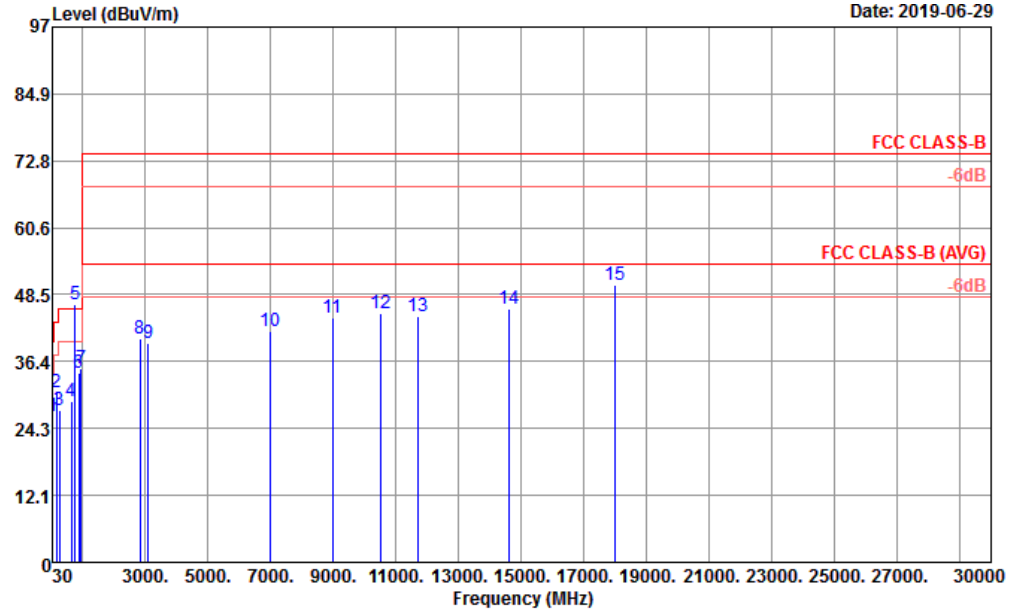
Mode :	Mode 4	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		30.97	27.29	-12.71	40.00	34.81	24.81	0.45	32.78	0.00	---	---
2		171.62	30.61	-12.89	43.50	46.27	15.54	1.41	32.61	0.00	---	---
3		257.95	28.56	-17.44	46.00	39.70	19.67	1.79	32.60	0.00	---	---
4		558.65	29.31	-16.69	46.00	33.13	26.19	2.68	32.69	0.00	---	---
5	*	740.00	49.58			50.83	28.10	3.14	32.49	0.00	---	---
6		857.41	34.21	-11.79	46.00	33.63	29.25	3.38	32.05	0.00	---	---
7		954.41	35.08	-10.92	46.00	31.67	31.18	3.52	31.29	0.00	100	0
8		2932.00	40.10	-33.90	74.00	66.12	28.26	7.61	61.89	0.00	---	---
9		3360.00	39.70	-34.30	74.00	65.74	28.02	8.06	62.12	0.00	---	---
10		6384.00	40.95	-33.05	74.00	60.39	33.60	9.94	62.98	0.00	---	---
11		8828.00	43.85	-30.15	74.00	58.84	37.70	11.80	64.49	0.00	---	---
12		9602.00	45.68	-28.32	74.00	59.89	38.41	12.10	64.72	0.00	---	---
13		11148.00	44.14	-29.86	74.00	55.14	39.50	13.33	63.83	0.00	---	---
14		14710.00	45.22	-28.78	74.00	51.48	41.37	15.59	63.22	0.00	---	---
15		17985.00	50.40	-23.60	74.00	46.70	47.34	18.67	62.31	0.00	100	0

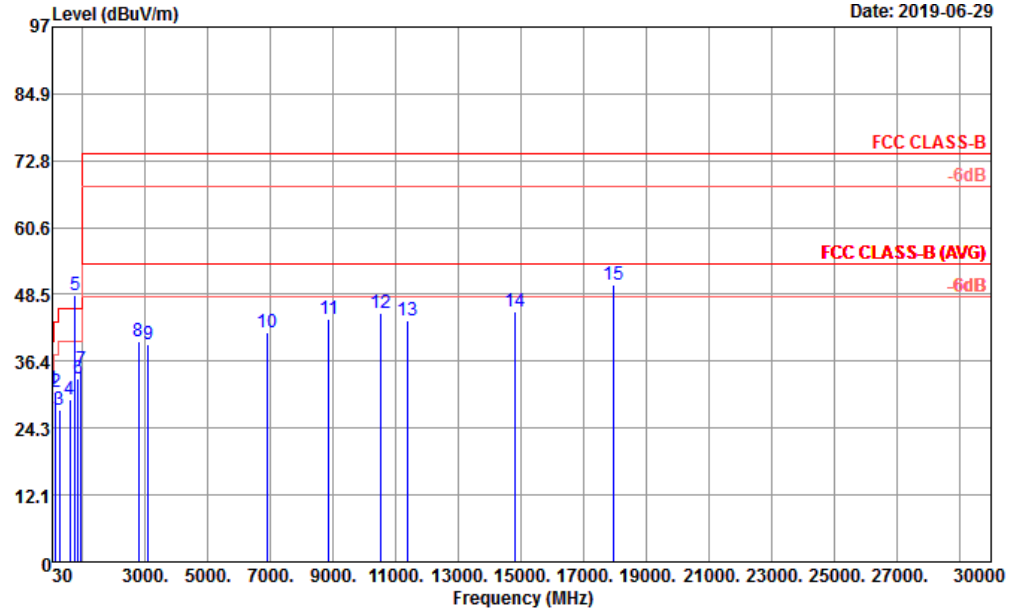
Mode :	Mode 5	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		30.00	26.39	-13.61	40.00	33.42	25.30	0.45	32.78	0.00	---	---
2		156.10	30.91	-12.59	43.50	44.72	17.50	1.32	32.63	0.00	---	---
3		261.83	27.56	-18.44	46.00	38.43	19.93	1.80	32.60	0.00	---	---
4		638.19	29.08	-16.92	46.00	32.21	26.60	2.93	32.66	0.00	---	---
5	*	748.50	46.66			47.69	28.27	3.17	32.47	0.00	---	---
6		866.14	34.30	-11.70	46.00	33.72	29.20	3.39	32.01	0.00	---	---
7		952.47	35.12	-10.88	46.00	31.81	31.10	3.52	31.31	0.00	100	0
8		2820.00	40.49	-33.51	74.00	67.00	27.98	7.37	61.86	0.00	---	---
9		3092.00	39.60	-34.40	74.00	65.06	28.67	7.83	61.96	0.00	---	---
10		6996.00	41.83	-32.17	74.00	59.67	35.38	10.38	63.60	0.00	---	---
11		8974.00	44.28	-29.72	74.00	59.76	37.35	11.84	64.67	0.00	---	---
12		10536.00	45.05	-28.95	74.00	57.00	39.54	12.87	64.36	0.00	---	---
13		11684.00	44.48	-29.52	74.00	55.82	38.96	13.75	64.05	0.00	---	---
14		14600.00	45.87	-28.13	74.00	52.38	41.20	15.55	63.26	0.00	---	---
15		17985.00	50.26	-23.74	74.00	46.56	47.34	18.67	62.31	0.00	100	0

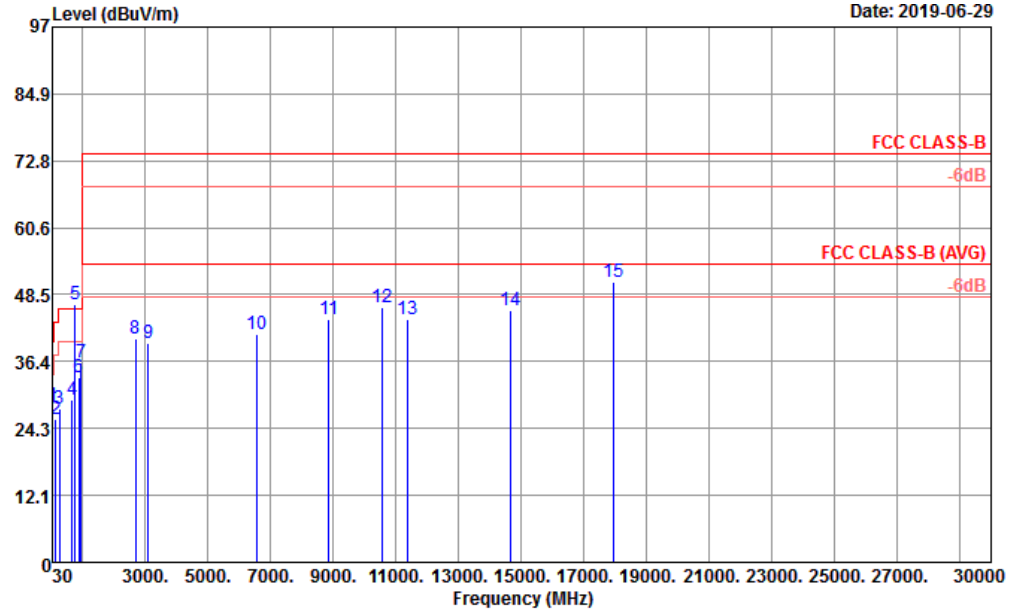
Mode :	Mode 5	Temperature :	20~22°C
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		42.61	31.37	-8.63	40.00	45.20	18.30	0.63	32.76	0.00	100	0
2		143.49	30.67	-12.83	43.50	44.65	17.35	1.31	32.64	0.00	---	---
3		266.68	27.59	-18.41	46.00	38.87	19.50	1.82	32.60	0.00	---	---
4		596.48	29.51	-16.49	46.00	33.81	25.67	2.75	32.72	0.00	---	---
5	*	748.50	48.30			49.33	28.27	3.17	32.47	0.00	---	---
6		859.35	33.22	-12.78	46.00	32.67	29.21	3.38	32.04	0.00	---	---
7		956.35	34.91	-11.09	46.00	31.43	31.23	3.52	31.27	0.00	---	---
8		2792.00	40.06	-33.94	74.00	66.72	27.88	7.32	61.86	0.00	---	---
9		3092.00	39.39	-34.61	74.00	64.85	28.67	7.83	61.96	0.00	---	---
10		6894.00	41.60	-32.40	74.00	59.68	34.95	10.44	63.47	0.00	---	---
11		8852.00	43.93	-30.07	74.00	58.95	37.69	11.81	64.52	0.00	---	---
12		10512.00	45.24	-28.76	74.00	57.27	39.51	12.85	64.39	0.00	---	---
13		11348.00	43.87	-30.13	74.00	54.80	39.45	13.49	63.87	0.00	---	---
14		14785.00	45.50	-28.50	74.00	51.93	41.15	15.61	63.19	0.00	---	---
15		17950.00	50.36	-23.64	74.00	47.56	46.50	18.62	62.32	0.00	100	0

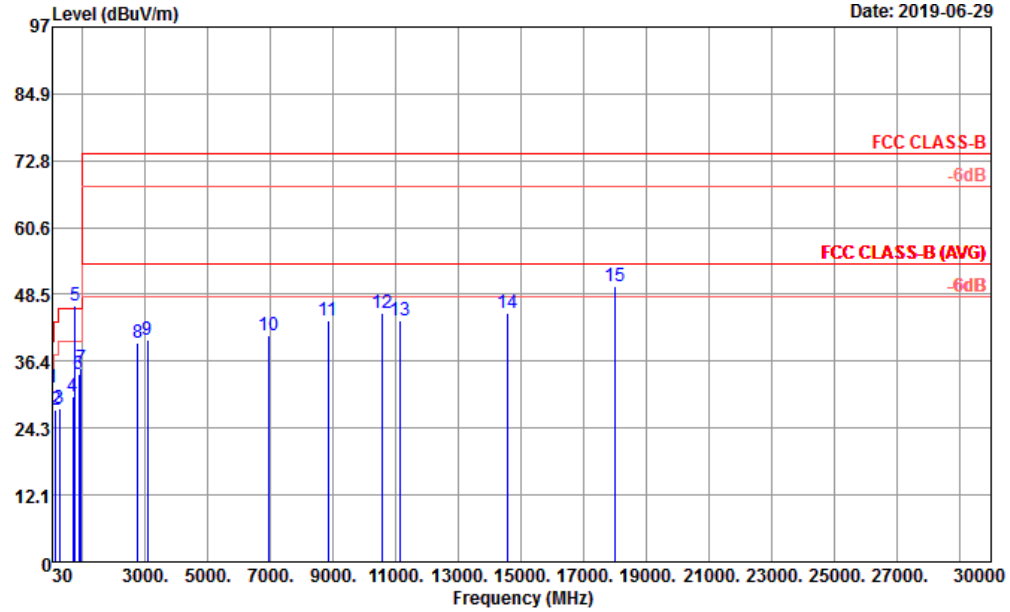
Mode :	Mode 6	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		30.97	28.38	-11.62	40.00	35.90	24.81	0.45	32.78	0.00	---	---
2		138.64	25.97	-17.53	43.50	39.92	17.40	1.29	32.64	0.00	---	---
3		258.92	27.73	-18.27	46.00	38.71	19.83	1.79	32.60	0.00	---	---
4		649.83	29.53	-16.47	46.00	32.70	26.50	2.98	32.65	0.00	---	---
5	*	753.50	46.87			47.86	28.30	3.17	32.46	0.00	---	---
6		883.60	33.41	-12.59	46.00	32.88	29.03	3.41	31.91	0.00	---	---
7		953.44	36.22	-9.78	46.00	32.86	31.14	3.52	31.30	0.00	100	0
8		2682.00	40.40	-33.60	74.00	67.44	27.56	7.24	61.84	0.00	---	---
9		3090.00	39.64	-34.36	74.00	65.10	28.66	7.83	61.95	0.00	---	---
10		6574.00	41.30	-32.70	74.00	59.82	34.35	10.22	63.09	0.00	---	---
11		8860.00	44.11	-29.89	74.00	59.17	37.66	11.81	64.53	0.00	---	---
12		10558.00	46.14	-27.86	74.00	58.03	39.56	12.88	64.33	0.00	---	---
13		11352.00	44.03	-29.97	74.00	54.96	39.45	13.49	63.87	0.00	---	---
14		14660.00	45.62	-28.38	74.00	51.97	41.32	15.57	63.24	0.00	---	---
15		17950.00	50.68	-23.32	74.00	47.88	46.50	18.62	62.32	0.00	100	0

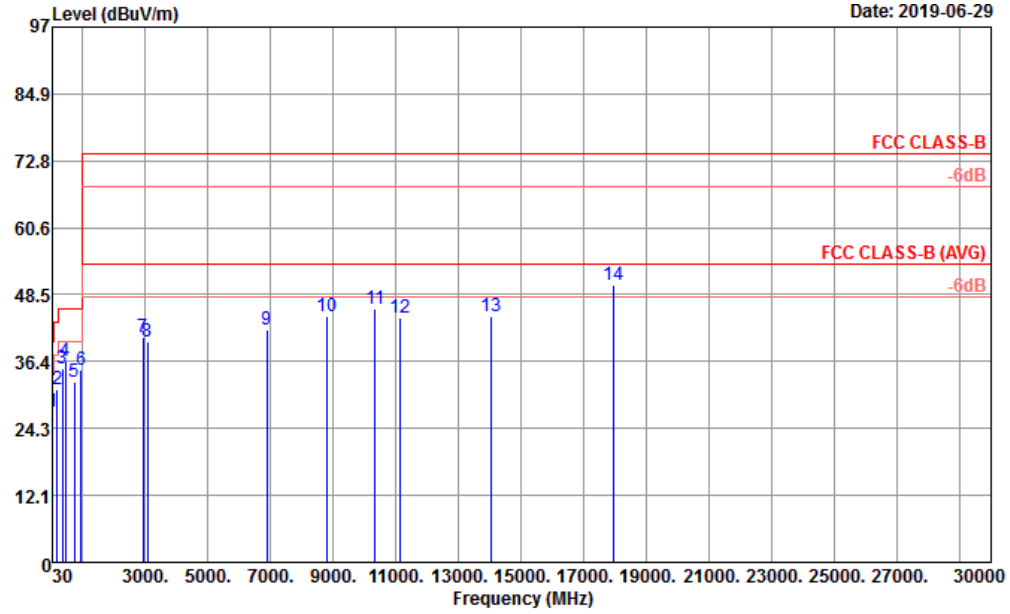
Mode :	Mode 6	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1		41.64	31.56	-8.44	40.00	45.00	18.71	0.61	32.76	0.00	100	0
2		146.40	27.67	-15.83	43.50	41.79	17.20	1.31	32.63	0.00	---	---
3		257.95	27.70	-18.30	46.00	38.84	19.67	1.79	32.60	0.00	---	---
4		687.66	29.97	-16.03	46.00	32.94	26.60	3.02	32.59	0.00	---	---
5	*	753.50	46.59			47.58	28.30	3.17	32.46	0.00	---	---
6		873.90	34.15	-11.85	46.00	33.51	29.20	3.40	31.96	0.00	---	---
7		943.74	35.19	-10.81	46.00	32.56	30.52	3.50	31.39	0.00	---	---
8		2748.00	39.81	-34.19	74.00	66.58	27.79	7.29	61.85	0.00	---	---
9		3062.00	40.23	-33.77	74.00	65.81	28.55	7.81	61.94	0.00	---	---
10		6962.00	41.20	-32.80	74.00	59.10	35.25	10.40	63.55	0.00	---	---
11		8844.00	43.79	-30.21	74.00	58.80	37.70	11.80	64.51	0.00	---	---
12		10556.00	45.19	-28.81	74.00	57.08	39.56	12.88	64.33	0.00	---	---
13		11148.00	43.87	-30.13	74.00	54.87	39.50	13.33	63.83	0.00	---	---
14		14580.00	45.04	-28.96	74.00	51.54	41.22	15.55	63.27	0.00	---	---
15		17990.00	50.09	-23.91	74.00	46.25	47.46	18.68	62.30	0.00	100	0

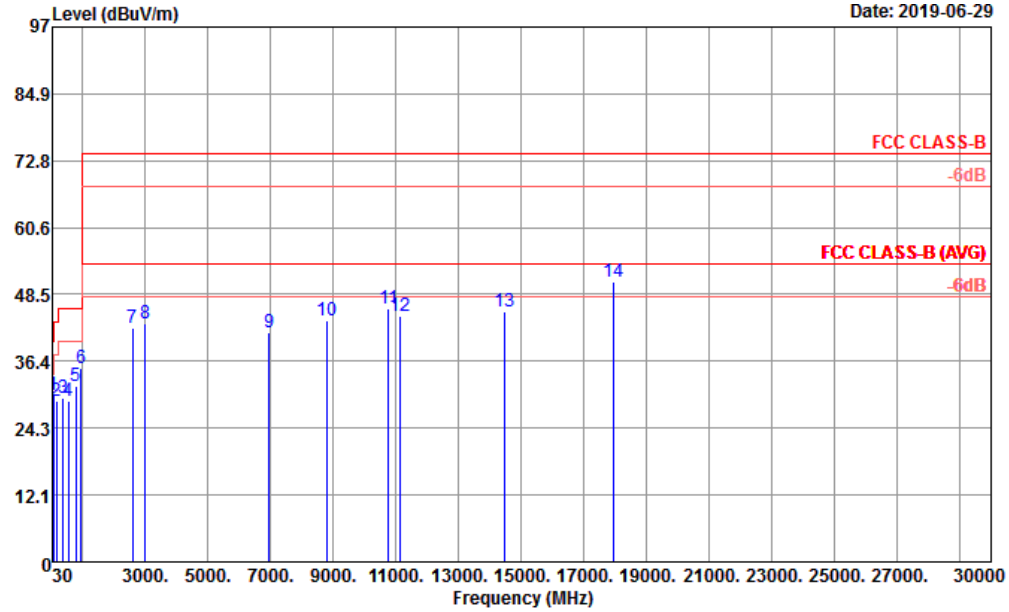
Mode :	Mode 7	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Horizontal



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	30.00	27.30	-12.70	40.00	34.33	25.30	0.45	32.78	0.00	---	---
2	173.56	31.39	-12.11	43.50	47.24	15.34	1.42	32.61	0.00	---	---
3	358.83	35.04	-10.96	46.00	44.97	20.65	2.04	32.62	0.00	---	---
4	455.83	36.55	-9.45	46.00	43.64	23.12	2.42	32.63	0.00	100	0
5	724.52	32.72	-13.28	46.00	34.77	27.37	3.10	32.52	0.00	---	---
6	953.44	34.85	-11.15	46.00	31.49	31.14	3.52	31.30	0.00	---	---
7	2922.00	40.75	-33.25	74.00	66.80	28.24	7.59	61.88	0.00	---	---
8	3066.00	39.88	-34.12	74.00	65.45	28.56	7.81	61.94	0.00	---	---
9	6872.00	42.02	-31.98	74.00	60.24	34.78	10.45	63.45	0.00	---	---
10	8816.00	44.53	-29.47	74.00	59.52	37.70	11.79	64.48	0.00	---	---
11	10344.00	45.83	-28.17	74.00	58.25	39.38	12.72	64.52	0.00	---	---
12	11142.00	44.34	-29.66	74.00	55.32	39.52	13.33	63.83	0.00	---	---
13	14050.00	44.65	-29.35	74.00	51.58	40.90	15.38	63.21	0.00	---	---
14	17955.00	50.19	-23.81	74.00	47.27	46.62	18.62	62.32	0.00	100	0

Mode :	Mode 7	Temperature :	20~22℃
Test Engineer :	Yu Wang	Relative Humidity :	59~62%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Aux Factor	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg
1	66.86	30.13	-9.87	40.00	49.95	12.07	0.83	32.72	0.00	100	0
2	158.04	29.18	-14.32	43.50	43.87	16.60	1.33	32.62	0.00	---	---
3	365.62	29.60	-16.40	46.00	39.43	20.71	2.08	32.62	0.00	---	---
4	533.43	29.14	-16.86	46.00	35.20	24.00	2.61	32.67	0.00	---	---
5	783.69	31.86	-14.14	46.00	32.71	28.33	3.22	32.40	0.00	---	---
6	950.53	35.25	-10.75	46.00	32.04	31.02	3.51	31.32	0.00	---	---
7	2590.00	42.38	-31.62	74.00	69.73	27.30	7.17	61.82	0.00	---	---
8	3000.00	43.24	-30.76	74.00	68.98	28.40	7.76	61.90	0.00	---	---
9	6948.00	41.70	-32.30	74.00	59.64	35.19	10.41	63.54	0.00	---	---
10	8820.00	43.64	-30.36	74.00	58.62	37.70	11.80	64.48	0.00	---	---
11	10752.00	46.03	-27.97	74.00	57.39	39.71	13.03	64.10	0.00	---	---
12	11140.00	44.53	-29.47	74.00	55.51	39.52	13.33	63.83	0.00	---	---
13	14465.00	45.43	-28.57	74.00	51.95	41.26	15.51	63.29	0.00	---	---
14	17940.00	50.83	-23.17	74.00	48.29	46.26	18.60	62.32	0.00	100	0

———THE END———