FCC EMI TEST REPORT

FCC ID	:	**PY7-65375K**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPC 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 Dec. 04, 2019 and testing was started from Jan. 17, 2020 and completed on Feb. 16, 2020. 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.

Louis Wu

Approved by: Louis Wu

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

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Appendix A. AC Conducted Emission Test Result

Appendix B. Radiated Emission Test Result

History of this test report

Report No.	Version	Description	Issued Date
FC9O1534-03	01	Initial issue of report	Mar. 04, 2020

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 5.99 dB at 0.153 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 5.17 dB at 30.970 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: Dara Chiu

Report Producer: Ann Lee

1. General Description

1.1. Product Feature of Equipment Under Test

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

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 WPC: Loop Antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.353	QV7101722E	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N: 6218W30200132 (for Radiated Spurious Emission) 6218W30200005 (for Conducted Emission)
Earphone	Model Name : MH750
	S/N : N/A
Bluetooth Earphone	Model Name : SBH82D
	S/N : N/A
USB Cable	Model Name : UCB24
	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. 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

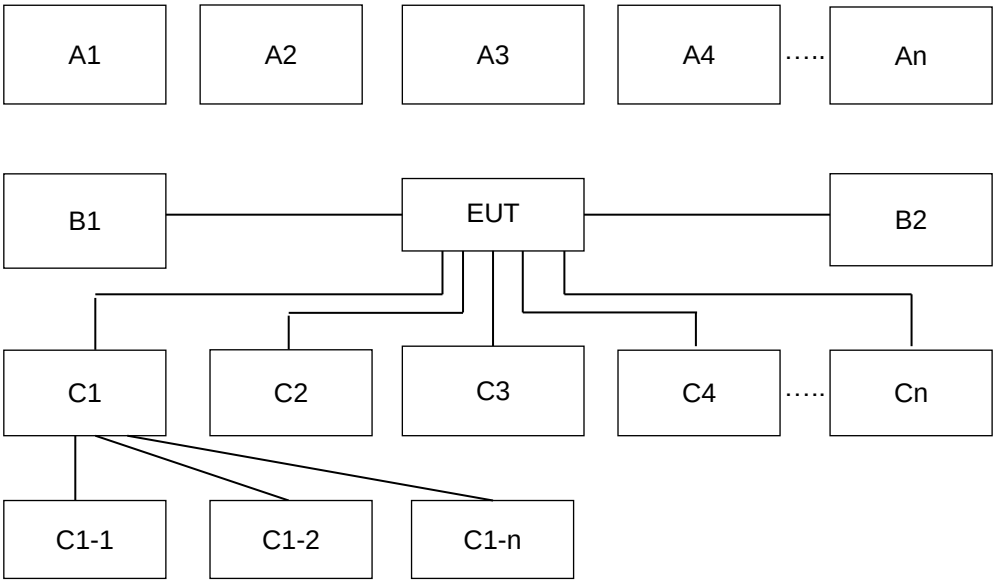
2.1. Test Mode

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 + Camera (Front) + Earphone + USB Cable (Charging from Adapter) + Battery Mode 2: WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + USB Cable (Charging from Adapter) + Battery Mode 3: LTE Band 26 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + USB Cable (Charging from Adapter) + Battery Mode 4: LTE Band 12 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + USB Cable (Charging from Adapter) + Battery Mode 5: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + USB Cable (Charging from Adapter) + Battery Mode 6: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MPEG4 + Earphone + Battery + WPC Charging pad (Charging from Adapter) Mode 7: Flight Mode + Earphone + USB Cable (Data Link with Notebook) + Battery
Radiated Emissions	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + USB Cable (Charging from Adapter) + Battery Mode 2: WCDMA Band V (High Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + USB Cable (Charging from Adapter) + Battery Mode 3: LTE Band 26 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + USB Cable (Charging from Adapter) + Battery Mode 4: LTE Band 12 (Low Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + USB Cable (Charging from Adapter) + Battery Mode 5: LTE Band 13 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + USB Cable (Charging from Adapter) + Battery Mode 6: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MPEG4 + Earphone + Battery + WPC Charging pad (Charging from Adapter) Mode 7: Flight Mode + Earphone + 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 12/13/17/26), only the worst case for cellular band test data of this mode was reported.

2.2. Connection Diagram of Test System



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	-
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
C1	Notebook	USB cable	-	-	-	-	-	-	X
C1-1	AP Router	RJ-45 Cable to C1	-	-	-	-	-	-	X
C1-2	Music Player	USB Cable to C1	-	-	-	-	-	-	X
C2	SD card	SD I/O interface without cable	X	X	X	X	X	X	X
C3	Earphone	Earphone jack	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	8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	System Simulator	R&S	CMW 500	N/A	N/A	Unshielded, 1.8 m
4.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
5.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
6.	Music Player	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
7.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
8.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
9.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
10.	Wireless charging pad	belkin	F7U050	FCC DoC	N/A	Unshielded,1.2m

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.

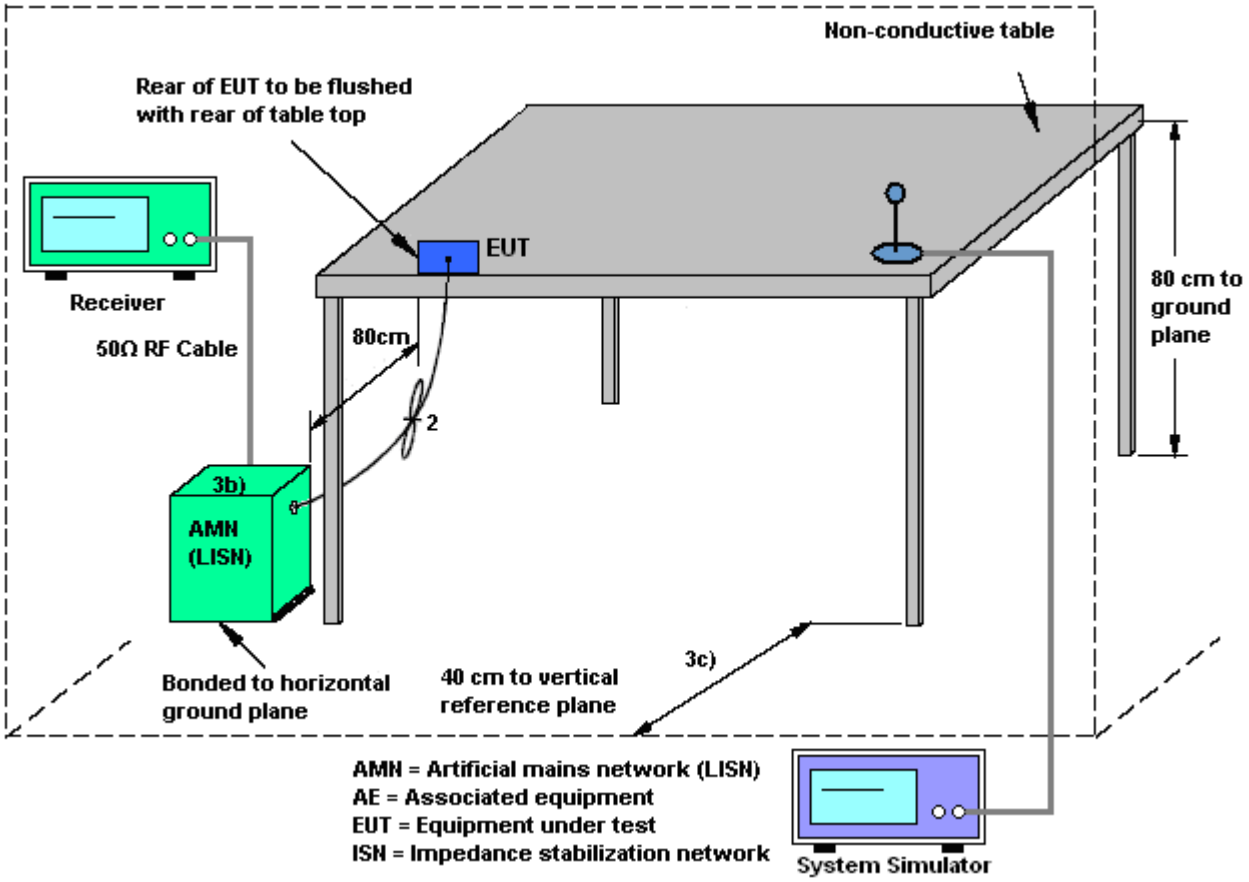
3.1.2 Measuring Instruments

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

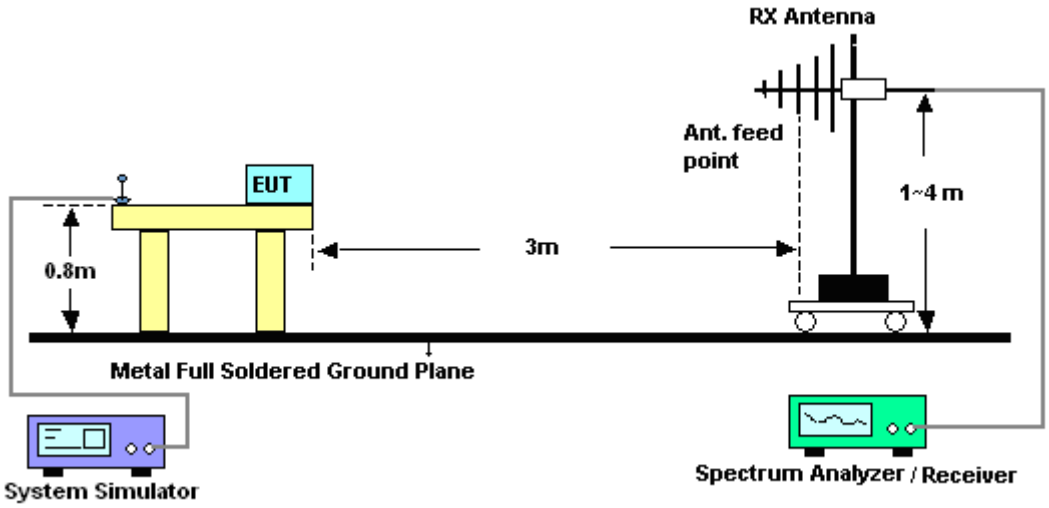
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

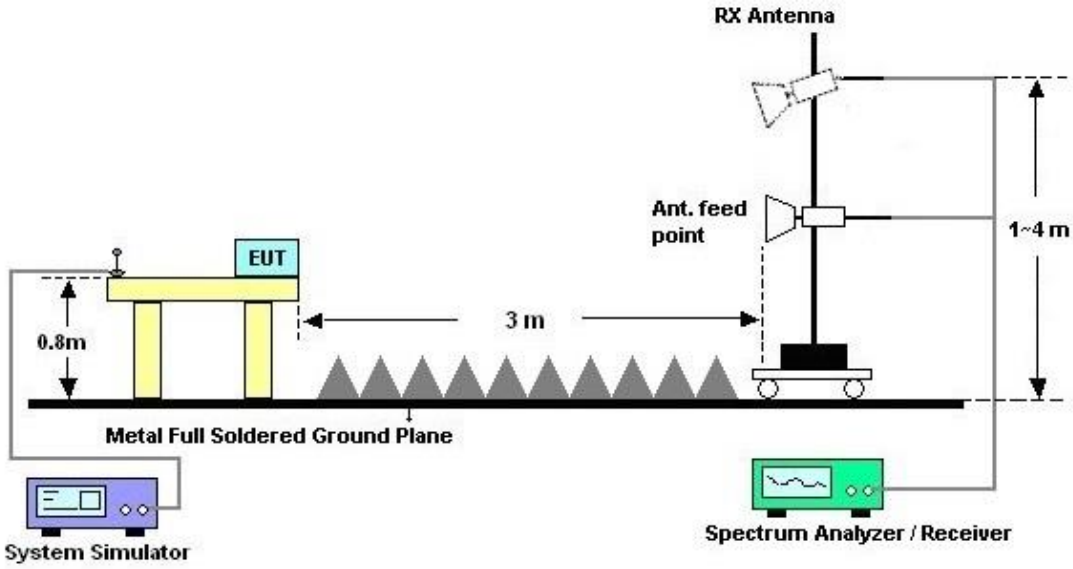
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 22, 2019	Jan. 26, 2020~ Feb. 16, 2020	Oct. 21, 2020	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35413 & 02	30MHz~1GHz	Feb. 12, 2019	Jan. 26, 2020~ Feb. 08, 2020	Feb. 11, 2020	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 09, 2020	Feb. 09, 2020~ Feb. 16, 2020	Feb. 08, 2021	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz~18GHz	Oct. 09, 2019	Jan. 26, 2020~ Feb. 16, 2020	Oct. 08, 2020	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Sep. 27, 2019	Jan. 26, 2020~ Feb. 16, 2020	Sep. 26, 2020	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 26, 2020~ Feb. 16, 2020	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jan. 26, 2020~ Feb. 16, 2020	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jan. 26, 2020~ Feb. 16, 2020	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jan. 26, 2020~ Feb. 16, 2020	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Dec. 05, 2019	Jan. 26, 2020~ Feb. 16,, 2020	Dec. 04, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/4PE, MY11693/4PE, MY2855/2	30MHz~1GHz	Nov. 07, 2019	Jan. 26, 2020~ Feb. 16, 2020	Nov. 06, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/4PE, MY11693/4PE, MY2855/2	1GHz~18GHz	Nov. 07, 2019	Jan. 26, 2020~ Feb. 16, 2020	Nov. 06, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 13, 2019	Jan. 26, 2020~ Feb. 16, 2020	Mar. 12, 2020	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May 14, 2019	Jan. 26, 2020~ Feb. 16, 2020	May 13, 2020	Radiation (03CH10-HY)
Signal Analyzer	R&S	FSV3044	101009	10Hz~44GHz	Nov. 11, 2019	Jan. 26, 2020~ Feb. 16, 2020	Nov. 10, 2020	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Jan. 26, 2020~ Feb. 16, 2020	Dec. 12, 2020	Radiation (03CH10-HY)

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	Jan. 17, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jan. 17, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jan. 17, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Jan. 17, 2020	Nov. 19, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jan. 17, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 17, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jan. 17, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jan. 17, 2020	Jan. 01, 2021	Conduction (CO05-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))	**2.0**

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

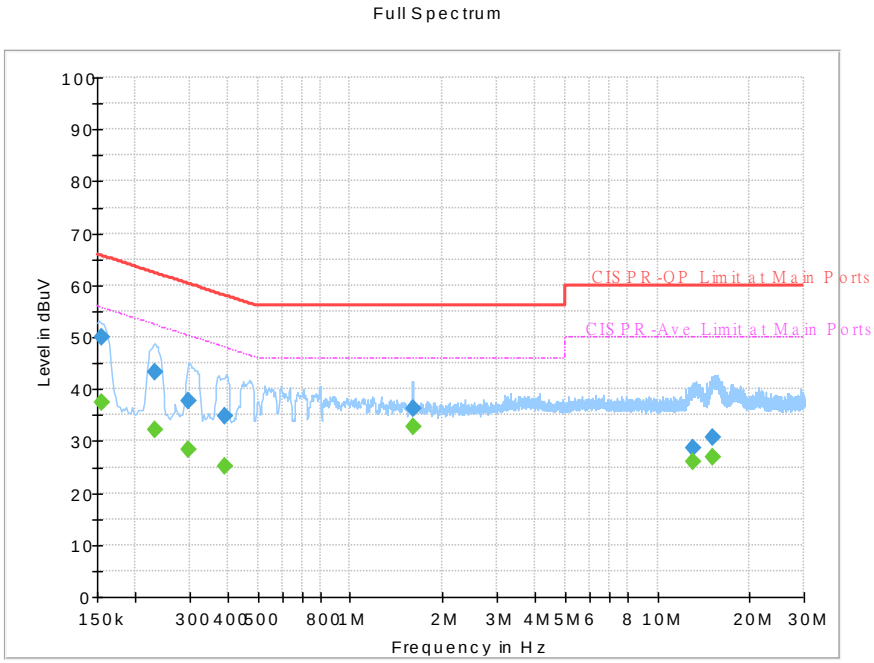
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3**

Appendix A. AC Conducted Emission Test Results

Test Mode :	Mode 1	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

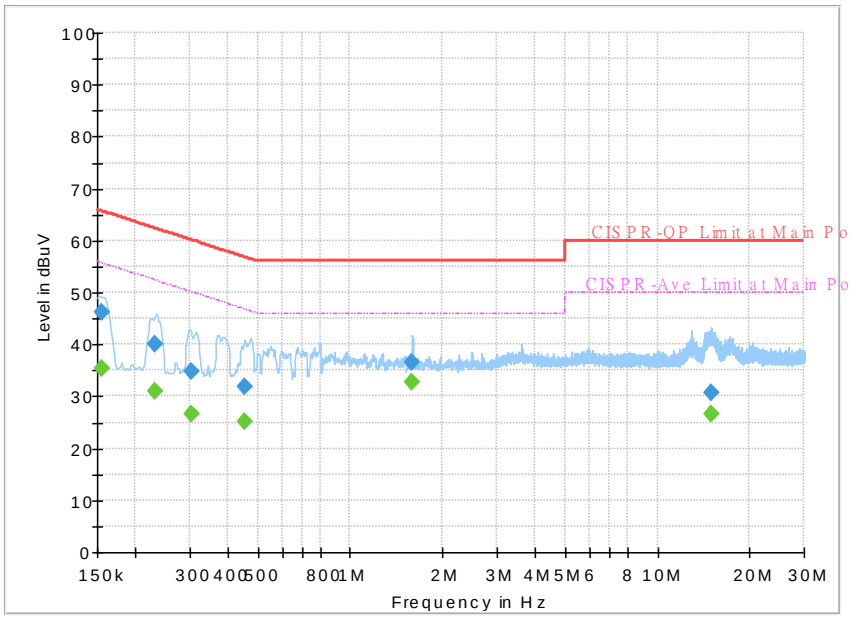


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154455	---	37.57	55.76	18.19	L1	OFF	19.5
0.154455	49.89	---	65.76	15.87	L1	OFF	19.5
0.231540	---	32.13	52.39	20.26	L1	OFF	19.5
0.231540	43.16	---	62.39	19.23	L1	OFF	19.5
0.298140	---	28.41	50.29	21.88	L1	OFF	19.5
0.298140	37.66	---	60.29	22.63	L1	OFF	19.5
0.388860	---	25.25	48.09	22.84	L1	OFF	19.5
0.388860	34.83	---	58.09	23.26	L1	OFF	19.5
1.596030	---	32.75	46.00	13.25	L1	OFF	19.6
1.596030	36.29	---	56.00	19.71	L1	OFF	19.6
13.110000	---	25.91	50.00	24.09	L1	OFF	20.1
13.110000	28.78	---	60.00	31.22	L1	OFF	20.1
15.185850	---	26.84	50.00	23.16	L1	OFF	20.1
15.185850	30.63	---	60.00	29.37	L1	OFF	20.1

Test Mode :	Mode 1	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

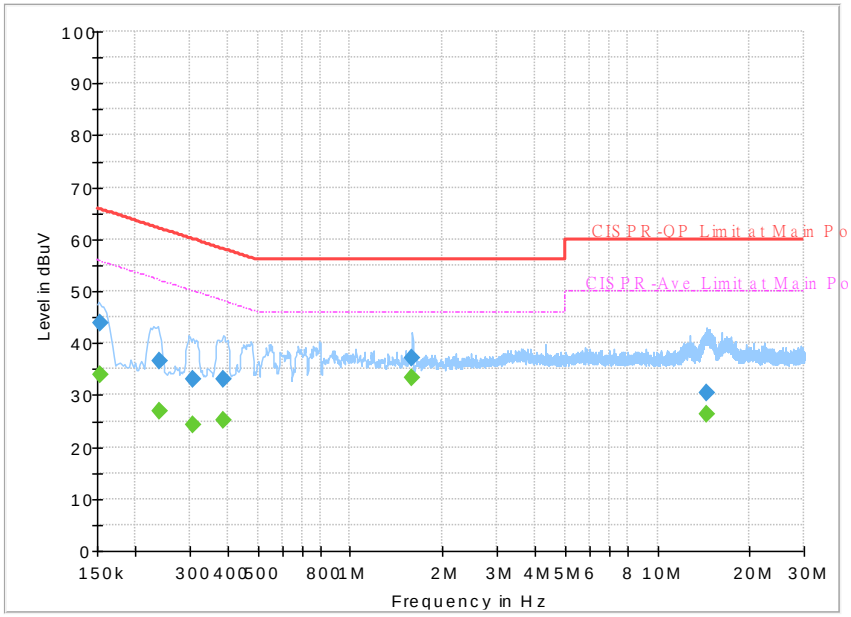


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	46.11	---	65.75	19.64	N	OFF	19.6
0.154500	---	35.25	55.75	20.50	N	OFF	19.6
0.231450	40.13	---	62.40	22.27	N	OFF	19.6
0.231450	---	31.08	52.40	21.32	N	OFF	19.6
0.302820	34.86	---	60.17	25.31	N	OFF	19.6
0.302820	---	26.73	50.17	23.44	N	OFF	19.6
0.451410	32.00	---	56.85	24.85	N	OFF	19.6
0.451410	---	25.12	46.85	21.73	N	OFF	19.6
1.593960	36.42	---	56.00	19.58	N	OFF	19.6
1.593960	---	32.82	46.00	13.18	N	OFF	19.6
15.006750	30.77	---	60.00	29.23	N	OFF	20.2
15.006750	---	26.71	50.00	23.29	N	OFF	20.2

Test Mode :	Mode 2	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

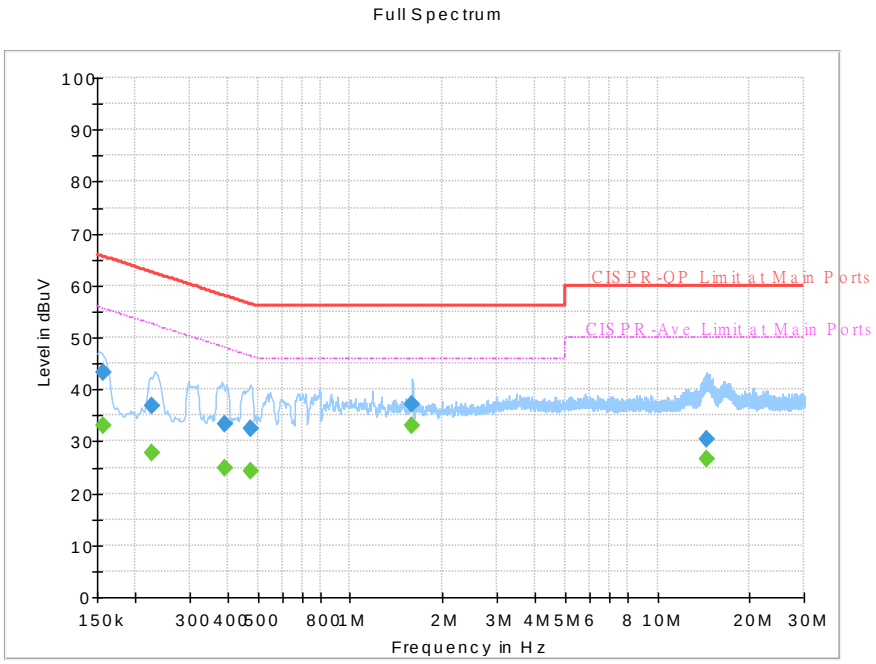
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153780	---	33.94	55.79	21.85	L1	OFF	19.5
0.153780	43.96	---	65.79	21.83	L1	OFF	19.5
0.239100	---	27.04	52.13	25.09	L1	OFF	19.5
0.239100	36.53	---	62.13	25.60	L1	OFF	19.5
0.308400	---	24.39	50.01	25.62	L1	OFF	19.5
0.308400	33.03	---	60.01	26.98	L1	OFF	19.5
0.384720	---	25.12	48.18	23.06	L1	OFF	19.5
0.384720	33.12	---	58.18	25.06	L1	OFF	19.5
1.594050	---	33.37	46.00	12.63	L1	OFF	19.6
1.594050	37.12	---	56.00	18.88	L1	OFF	19.6
14.427780	---	26.35	50.00	23.65	L1	OFF	20.1
14.427780	30.41	---	60.00	29.59	L1	OFF	20.1

Test Mode :	Mode 2	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

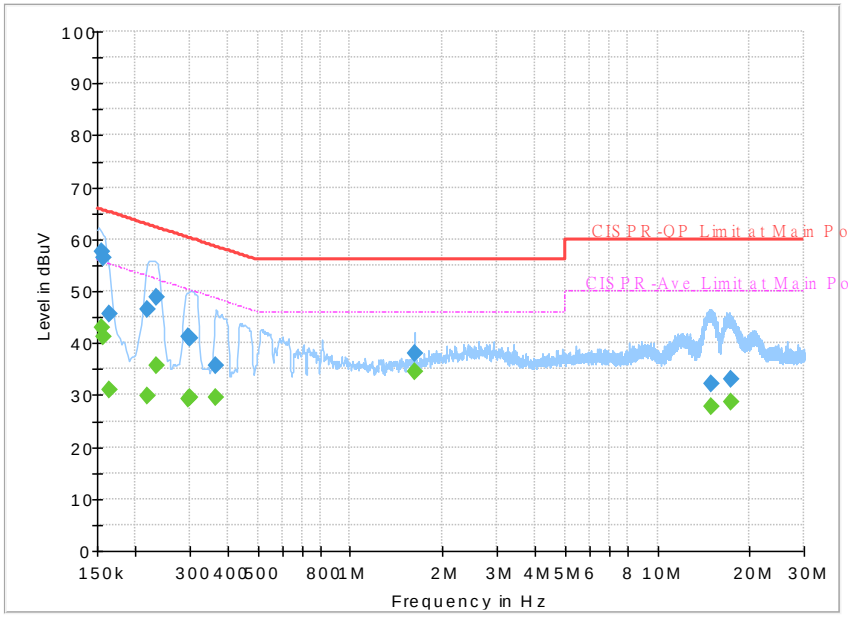


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	32.99	55.63	22.64	N	OFF	19.6
0.156750	43.42	---	65.63	22.21	N	OFF	19.6
0.226500	---	27.74	52.58	24.84	N	OFF	19.6
0.226500	36.96	---	62.58	25.62	N	OFF	19.6
0.388500	---	24.98	48.10	23.12	N	OFF	19.6
0.388500	33.27	---	58.10	24.83	N	OFF	19.6
0.476250	---	24.25	46.40	22.15	N	OFF	19.6
0.476250	32.39	---	56.40	24.01	N	OFF	19.6
1.593330	---	33.14	46.00	12.86	N	OFF	19.6
1.593330	37.13	---	56.00	18.87	N	OFF	19.6
14.455500	---	26.53	50.00	23.47	N	OFF	20.2
14.455500	30.52	---	60.00	29.48	N	OFF	20.2

Test Mode :	Mode 3	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

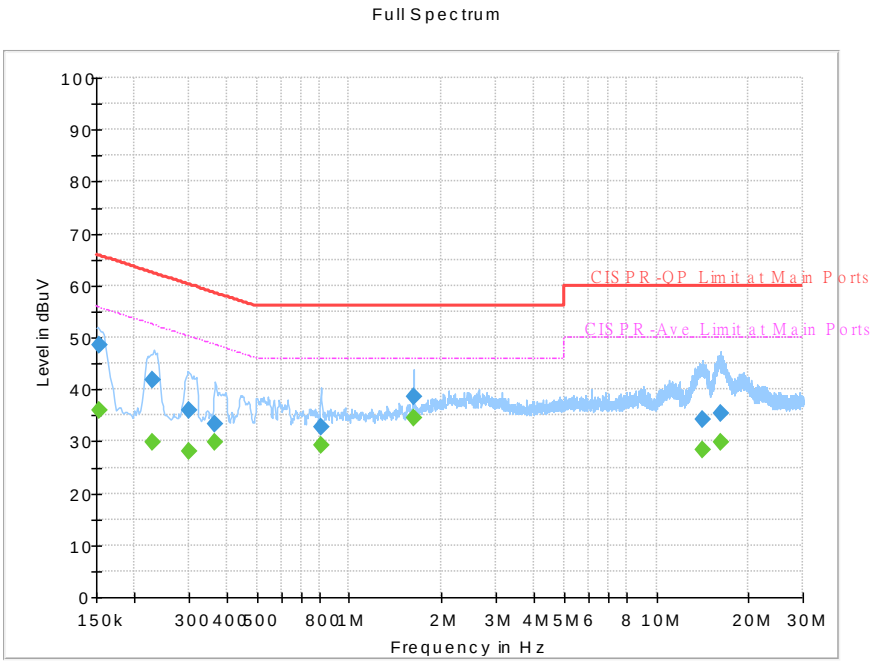
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.155873	---	42.87	55.68	12.81	L1	OFF	19.5
0.155873	57.71	---	65.68	7.97	L1	OFF	19.5
0.156750	56.32	---	65.63	9.31	L1	OFF	19.5
0.156750	---	41.13	55.63	14.50	L1	OFF	19.5
0.163500	45.59	---	65.28	19.69	L1	OFF	19.5
0.163500	---	30.90	55.28	24.38	L1	OFF	19.5
0.217410	---	29.76	52.92	23.16	L1	OFF	19.5
0.217410	46.63	---	62.92	16.29	L1	OFF	19.5
0.233610	---	35.55	52.32	16.77	L1	OFF	19.5
0.233610	48.86	---	62.32	13.46	L1	OFF	19.5
0.296250	---	29.25	50.35	21.10	L1	OFF	19.5
0.296250	41.35	---	60.35	19.00	L1	OFF	19.5
0.301560	---	29.50	50.20	20.70	L1	OFF	19.5
0.301560	40.97	---	60.20	19.23	L1	OFF	19.5
0.364830	---	29.50	48.62	19.12	L1	OFF	19.5
0.364830	35.76	---	58.62	22.86	L1	OFF	19.5
1.620330	---	34.38	46.00	11.62	L1	OFF	19.6
1.620330	38.15	---	56.00	17.85	L1	OFF	19.6
14.996130	---	27.71	50.00	22.29	L1	OFF	20.1
14.996130	32.21	---	60.00	27.79	L1	OFF	20.1
17.445750	---	28.72	50.00	21.28	L1	OFF	20.2
17.445750	33.09	---	60.00	26.91	L1	OFF	20.2

Test Mode :	Mode 3	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

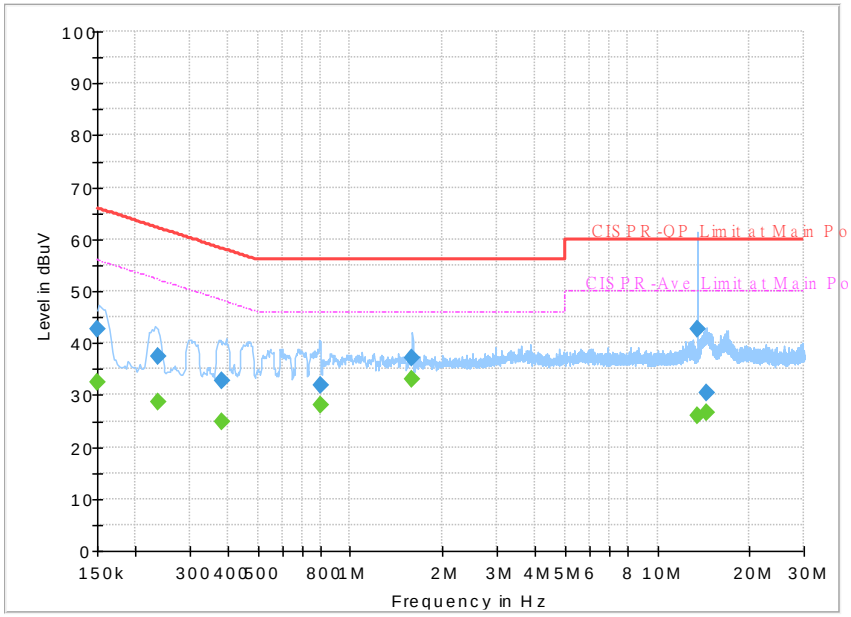


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153915	---	35.99	55.79	19.80	N	OFF	19.6
0.153915	48.44	---	65.79	17.35	N	OFF	19.6
0.228120	---	29.78	52.52	22.74	N	OFF	19.6
0.228120	41.80	---	62.52	20.72	N	OFF	19.6
0.299940	---	28.03	50.24	22.21	N	OFF	19.6
0.299940	35.84	---	60.24	24.40	N	OFF	19.6
0.364380	---	29.89	48.63	18.74	N	OFF	19.6
0.364380	33.31	---	58.63	25.32	N	OFF	19.6
0.810330	---	29.36	46.00	16.64	N	OFF	19.6
0.810330	32.83	---	56.00	23.17	N	OFF	19.6
1.619340	---	34.64	46.00	11.36	N	OFF	19.6
1.619340	38.64	---	56.00	17.36	N	OFF	19.6
14.155710	---	28.31	50.00	21.69	N	OFF	20.2
14.155710	34.10	---	60.00	25.90	N	OFF	20.2
16.294920	---	29.74	50.00	20.26	N	OFF	20.2
16.294920	35.34	---	60.00	24.66	N	OFF	20.2

Test Mode :	Mode 4	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

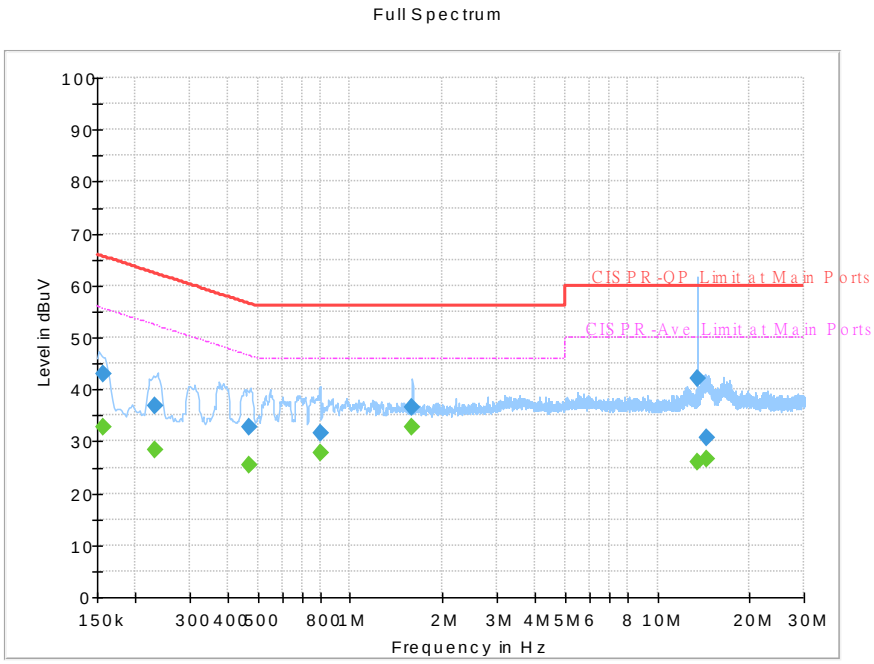
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150405	---	32.49	55.98	23.49	L1	OFF	19.5
0.150405	42.78	---	65.98	23.20	L1	OFF	19.5
0.235500	---	28.71	52.25	23.54	L1	OFF	19.5
0.235500	37.33	---	62.25	24.92	L1	OFF	19.5
0.384000	---	24.93	48.19	23.26	L1	OFF	19.5
0.384000	32.69	---	58.19	25.50	L1	OFF	19.5
0.796290	---	27.94	46.00	18.06	L1	OFF	19.6
0.796290	31.74	---	56.00	24.26	L1	OFF	19.6
1.594050	---	33.06	46.00	12.94	L1	OFF	19.6
1.594050	37.08	---	56.00	18.92	L1	OFF	19.6
13.560000	---	25.93	50.00	24.07	L1	OFF	20.1
13.560000	42.55	---	60.00	17.45	L1	OFF	20.1
14.509500	---	26.48	50.00	23.52	L1	OFF	20.1
14.509500	30.55	---	60.00	29.45	L1	OFF	20.1

Test Mode :	Mode 4	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

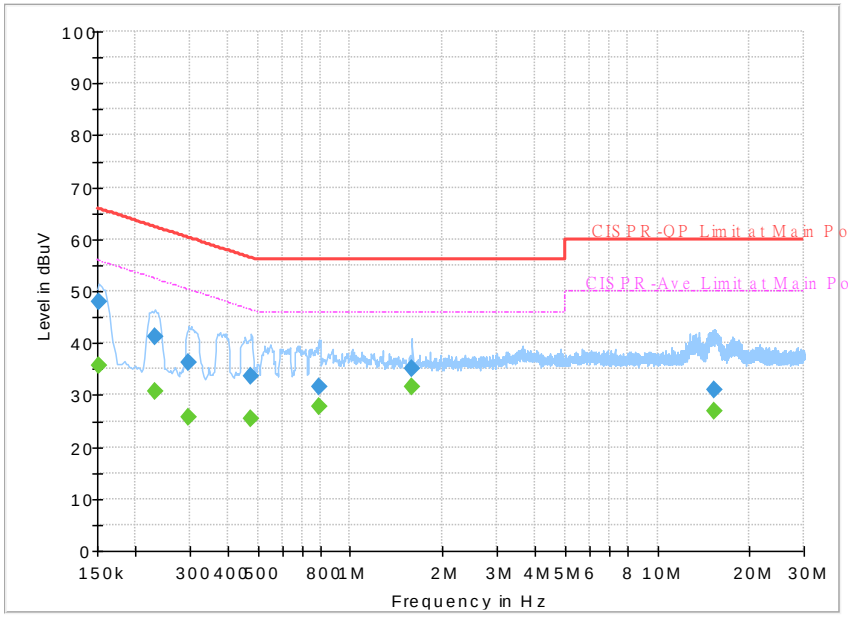


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	32.74	55.63	22.89	N	OFF	19.6
0.156750	42.90	---	65.63	22.73	N	OFF	19.6
0.231000	---	28.43	52.41	23.98	N	OFF	19.6
0.231000	36.82	---	62.41	25.59	N	OFF	19.6
0.470850	---	25.58	46.50	20.92	N	OFF	19.6
0.470850	32.88	---	56.50	23.62	N	OFF	19.6
0.796470	---	27.77	46.00	18.23	N	OFF	19.6
0.796470	31.56	---	56.00	24.44	N	OFF	19.6
1.592790	---	32.71	46.00	13.29	N	OFF	19.6
1.592790	36.68	---	56.00	19.32	N	OFF	19.6
13.560000	---	25.93	50.00	24.07	N	OFF	20.1
13.560000	42.24	---	60.00	17.76	N	OFF	20.1
14.388270	---	26.55	50.00	23.45	N	OFF	20.2
14.388270	30.56	---	60.00	29.44	N	OFF	20.2

Test Mode :	Mode 5	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

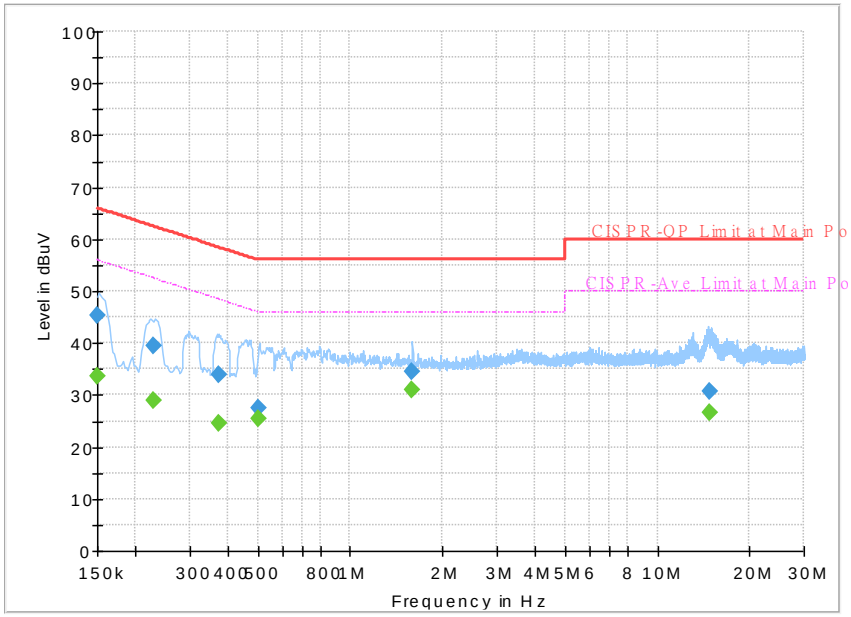


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151440	---	35.67	55.92	20.25	L1	OFF	19.5
0.151440	47.93	---	65.92	17.99	L1	OFF	19.5
0.232530	---	30.71	52.36	21.65	L1	OFF	19.5
0.232530	41.36	---	62.36	21.00	L1	OFF	19.5
0.298500	---	25.67	50.28	24.61	L1	OFF	19.5
0.298500	36.27	---	60.28	24.01	L1	OFF	19.5
0.473010	---	25.37	46.46	21.09	L1	OFF	19.5
0.473010	33.77	---	56.46	22.69	L1	OFF	19.5
0.796200	---	27.79	46.00	18.21	L1	OFF	19.6
0.796200	31.69	---	56.00	24.31	L1	OFF	19.6
1.592700	---	31.66	46.00	14.34	L1	OFF	19.6
1.592700	35.23	---	56.00	20.77	L1	OFF	19.6
15.373500	---	26.78	50.00	23.22	L1	OFF	20.1
15.373500	30.89	---	60.00	29.11	L1	OFF	20.1

Test Mode :	Mode 5	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

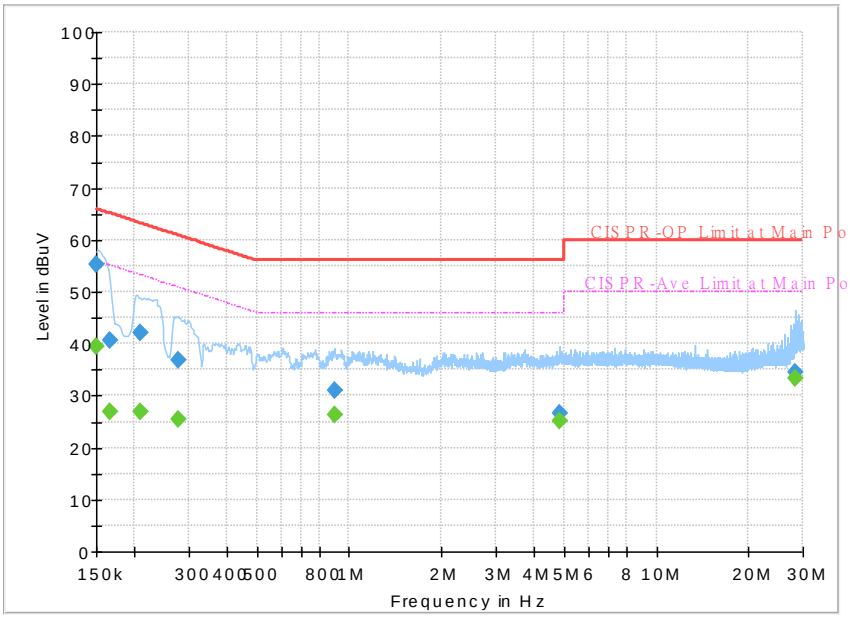


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	33.56	56.00	22.44	N	OFF	19.6
0.150000	45.31	---	66.00	20.69	N	OFF	19.6
0.228750	---	29.03	52.50	23.47	N	OFF	19.6
0.228750	39.41	---	62.50	23.09	N	OFF	19.6
0.372750	---	24.66	48.44	23.78	N	OFF	19.6
0.372750	33.86	---	58.44	24.58	N	OFF	19.6
0.501000	---	25.43	46.00	20.57	N	OFF	19.6
0.501000	27.60	---	56.00	28.40	N	OFF	19.6
1.593960	---	31.09	46.00	14.91	N	OFF	19.6
1.593960	34.61	---	56.00	21.39	N	OFF	19.6
14.886420	---	26.66	50.00	23.34	N	OFF	20.2
14.886420	30.62	---	60.00	29.38	N	OFF	20.2

Test Mode :	Mode 6	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

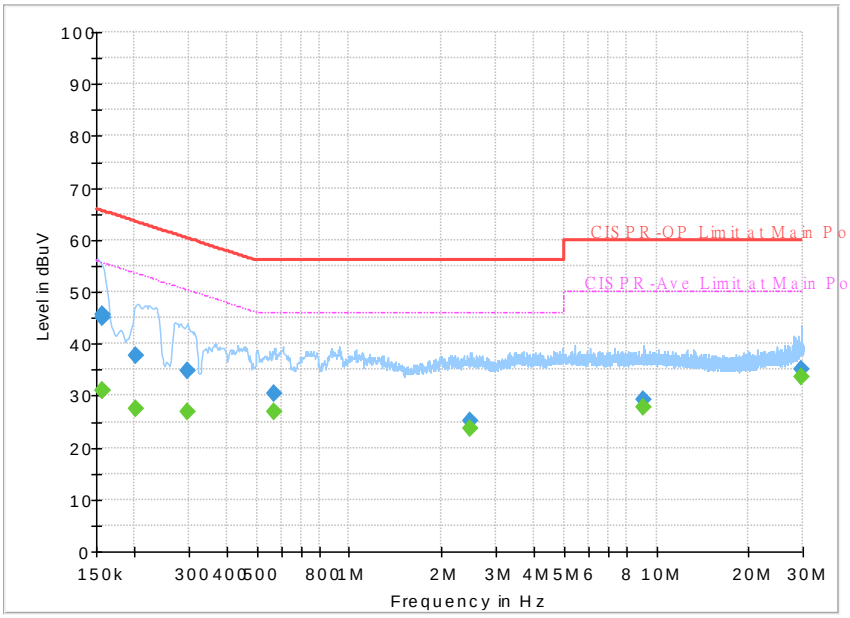


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	39.44	56.00	16.56	L1	OFF	19.6
0.150000	55.36	---	66.00	10.64	L1	OFF	19.6
0.165390	---	26.95	55.19	28.24	L1	OFF	19.5
0.165390	40.74	---	65.19	24.45	L1	OFF	19.5
0.208500	---	26.79	53.27	26.48	L1	OFF	19.5
0.208500	41.98	---	63.27	21.29	L1	OFF	19.5
0.276720	---	25.43	50.91	25.48	L1	OFF	19.5
0.276720	36.98	---	60.91	23.93	L1	OFF	19.5
0.894210	---	26.33	46.00	19.67	L1	OFF	19.6
0.894210	31.10	---	56.00	24.90	L1	OFF	19.6
4.836750	---	25.02	46.00	20.98	L1	OFF	19.7
4.836750	26.52	---	56.00	29.48	L1	OFF	19.7
28.473000	---	33.34	50.00	16.66	L1	OFF	20.4
28.473000	34.57	---	60.00	25.43	L1	OFF	20.4

Test Mode :	Mode 6	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

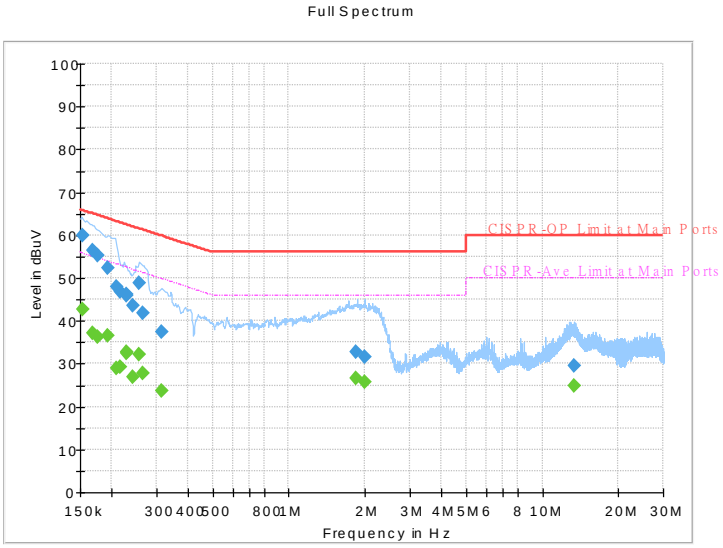
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156570	---	31.00	55.64	24.64	N	OFF	19.6
0.156570	45.17	---	65.64	20.47	N	OFF	19.6
0.156750	---	31.03	55.63	24.60	N	OFF	19.6
0.156750	45.61	---	65.63	20.02	N	OFF	19.6
0.201750	---	27.62	53.54	25.92	N	OFF	19.6
0.201750	37.62	---	63.54	25.92	N	OFF	19.6
0.296610	---	26.88	50.34	23.46	N	OFF	19.6
0.296610	34.74	---	60.34	25.60	N	OFF	19.6
0.570120	---	27.03	46.00	18.97	N	OFF	19.6
0.570120	30.49	---	56.00	25.51	N	OFF	19.6
2.460750	---	23.71	46.00	22.29	N	OFF	19.6
2.460750	25.13	---	56.00	30.87	N	OFF	19.6
9.085290	---	27.67	50.00	22.33	N	OFF	20.0
9.085290	29.17	---	60.00	30.83	N	OFF	20.0
29.684220	---	33.56	50.00	16.44	N	OFF	20.7
29.684220	35.20	---	60.00	24.80	N	OFF	20.7

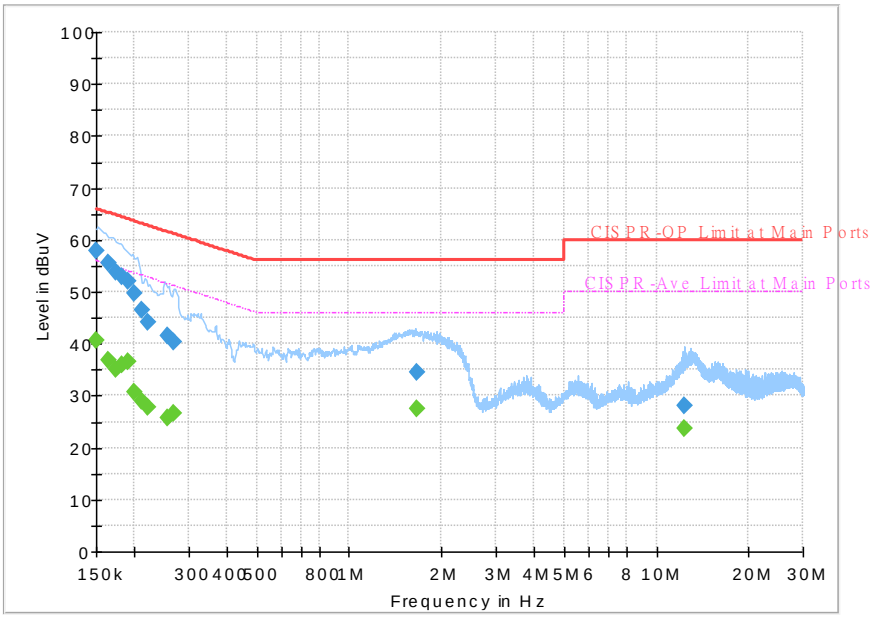
Test Mode :	Mode 7	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153240	---	42.57	55.82	13.25	L1	OFF	19.5
0.153240	59.83	---	65.82	5.99	L1	OFF	19.5
0.168000	---	37.24	55.06	17.82	L1	OFF	19.5
0.168000	56.55	---	65.06	8.51	L1	OFF	19.5
0.176640	---	36.30	54.64	18.34	L1	OFF	19.5
0.176640	55.16	---	64.64	9.48	L1	OFF	19.5
0.192390	---	36.51	53.93	17.42	L1	OFF	19.5
0.192390	52.24	---	63.93	11.69	L1	OFF	19.5
0.208500	---	28.93	53.27	24.34	L1	OFF	19.5
0.208500	47.89	---	63.27	15.38	L1	OFF	19.5
0.215250	---	29.37	53.00	23.63	L1	OFF	19.5
0.215250	46.71	---	63.00	16.29	L1	OFF	19.5
0.228750	---	32.58	52.50	19.92	L1	OFF	19.5
0.228750	46.23	---	62.50	16.27	L1	OFF	19.5
0.229560	---	32.66	52.47	19.81	L1	OFF	19.5
0.229560	45.98	---	62.47	16.49	L1	OFF	19.5
0.242250	---	26.98	52.02	25.04	L1	OFF	19.5
0.242250	43.54	---	62.02	18.48	L1	OFF	19.5
0.257550	---	32.22	51.51	19.29	L1	OFF	19.5
0.257550	48.81	---	61.51	12.70	L1	OFF	19.5
0.265830	---	27.85	51.25	23.40	L1	OFF	19.5
0.265830	41.93	---	61.25	19.32	L1	OFF	19.5
0.315240	---	23.61	49.83	26.22	L1	OFF	19.5
0.315240	37.32	---	59.83	22.51	L1	OFF	19.5
1.848750	---	26.72	46.00	19.28	L1	OFF	19.6
1.848750	32.69	---	56.00	23.31	L1	OFF	19.6
1.988970	---	25.60	46.00	20.40	L1	OFF	19.6
1.988970	31.70	---	56.00	24.30	L1	OFF	19.6
13.294500	---	24.94	50.00	25.06	L1	OFF	19.8
13.294500	29.60	---	60.00	30.40	L1	OFF	19.8

Test Mode :	Mode 7	**Temperature :**	21~25℃
Test Engineer :	Tom Lee and Howard Huang	**Relative Humidity :**	44~53%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

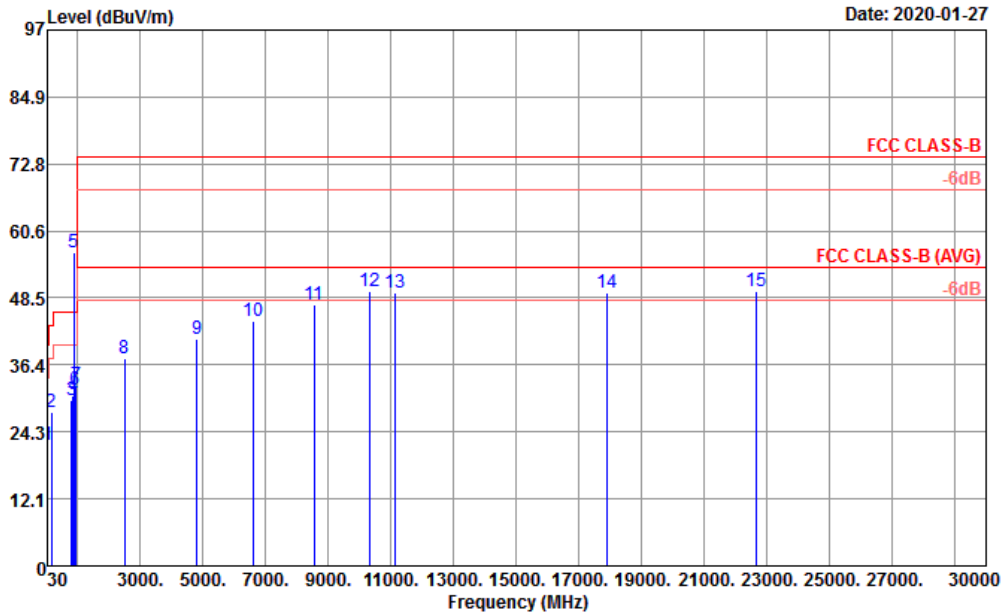


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	40.77	56.00	15.23	N	OFF	19.5
0.150000	58.02	---	66.00	7.98	N	OFF	19.5
0.164400	---	36.73	55.24	18.51	N	OFF	19.5
0.164400	55.57	---	65.24	9.67	N	OFF	19.5
0.174210	---	35.00	54.76	19.76	N	OFF	19.5
0.174210	53.81	---	64.76	10.95	N	OFF	19.5
0.182940	---	35.88	54.35	18.47	N	OFF	19.5
0.182940	53.07	---	64.35	11.28	N	OFF	19.5
0.189780	---	36.64	54.05	17.41	N	OFF	19.5
0.189780	51.93	---	64.05	12.12	N	OFF	19.5
0.199500	---	30.80	53.63	22.83	N	OFF	19.5
0.199500	49.79	---	63.63	13.84	N	OFF	19.5
0.211380	---	28.84	53.15	24.31	N	OFF	19.5
0.211380	46.45	---	63.15	16.70	N	OFF	19.5
0.222000	---	27.83	52.74	24.91	N	OFF	19.5
0.222000	44.16	---	62.74	18.58	N	OFF	19.5
0.255750	---	25.78	51.57	25.79	N	OFF	19.5
0.255750	41.58	---	61.57	19.99	N	OFF	19.5
0.267000	---	26.65	51.21	24.56	N	OFF	19.5
0.267000	40.30	---	61.21	20.91	N	OFF	19.5
1.651380	---	27.36	46.00	18.64	N	OFF	19.6
1.651380	34.57	---	56.00	21.43	N	OFF	19.6
12.392970	---	23.60	50.00	26.40	N	OFF	19.9
12.392970	28.06	---	60.00	31.94	N	OFF	19.9

Appendix B. Radiated Emission Test Result

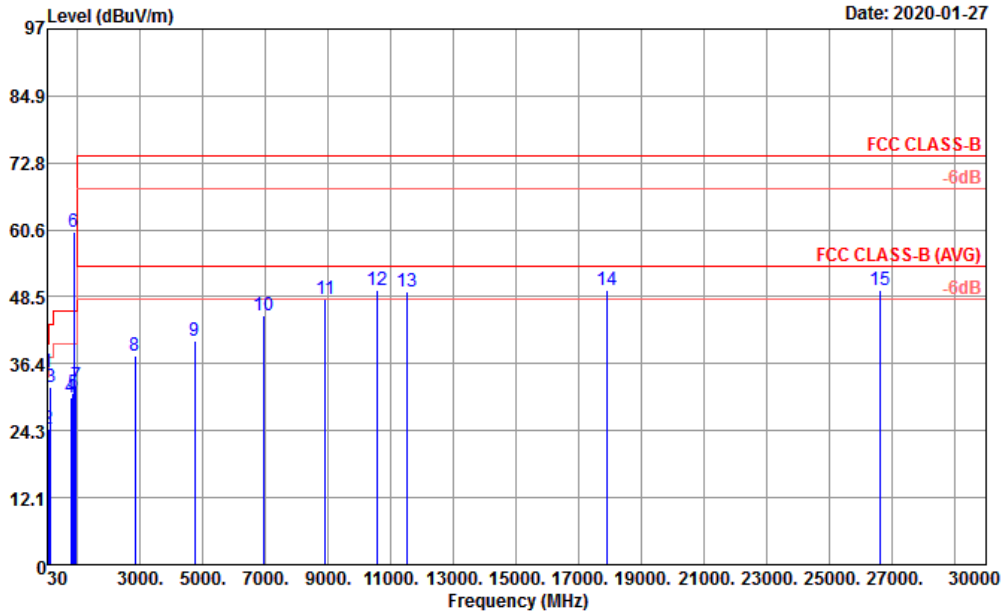
Mode :	Mode 1	**Temperature :**	22~23°C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



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	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		30.00	21.96	-18.04	40.00	28.57	25.30	0.58	32.49	---	---	Peak
2		170.65	27.74	-15.76	43.50	43.03	15.60	1.40	32.29	---	---	Peak
3		796.30	29.89	-16.11	46.00	30.71	28.27	3.13	32.22	---	---	Peak
4		862.26	30.82	-15.18	46.00	30.13	29.20	3.28	31.79	---	---	Peak
5	*	881.60	56.65			55.92	29.07	3.32	31.66	---	---	Peak
6		928.22	31.84	-14.16	46.00	30.03	29.63	3.41	31.23	---	---	Peak
7		955.38	32.64	-13.36	46.00	28.90	31.21	3.46	30.93	100	136	Peak
8		2494.00	37.57	-36.43	74.00	65.99	27.41	6.07	61.90	---	---	Peak
9		4818.00	41.15	-32.85	74.00	64.02	31.20	8.49	62.56	---	---	Peak
10		6586.00	44.43	-29.57	74.00	63.20	34.47	10.01	63.25	---	---	Peak
11		8544.00	47.21	-26.79	74.00	62.73	37.16	11.46	64.14	---	---	Peak
12		10342.00	49.66	-24.34	74.00	61.59	39.58	12.38	63.89	100	134	Peak
13		11144.00	49.43	-24.57	74.00	60.27	39.67	12.92	63.43	---	---	Peak
14		17885.00	49.31	-24.69	74.00	49.46	45.65	15.35	61.15	---	---	Peak
15		22680.00	49.61	-24.39	74.00	43.03	38.65	21.14	53.21	---	---	Peak

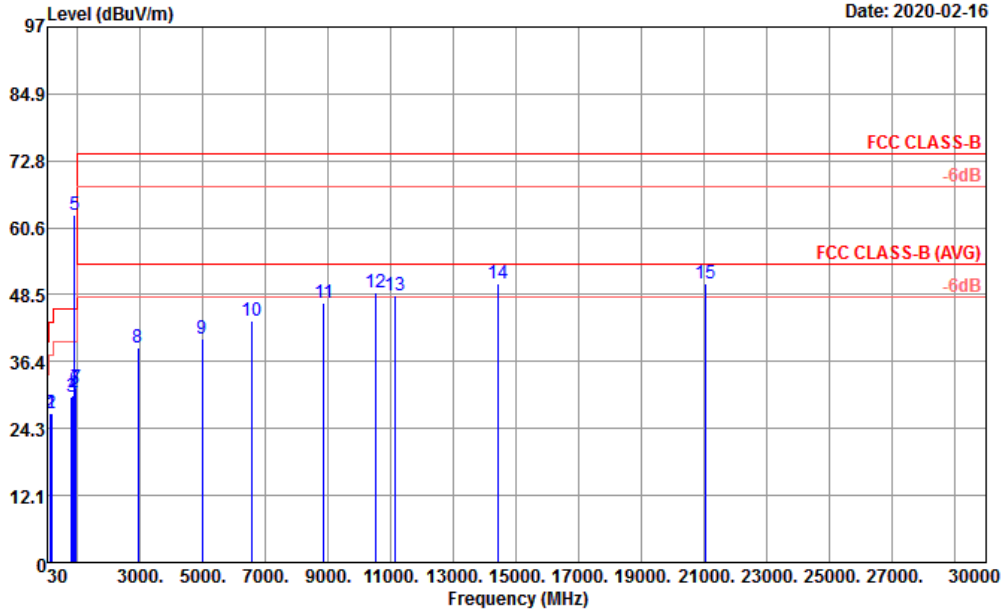
Mode :	Mode 1	**Temperature :**	22~23˚C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



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	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		43.58	34.74	-5.26	40.00	48.87	17.64	0.70	32.47	100	126	Peak
2		57.16	24.58	-15.42	40.00	44.16	12.07	0.80	32.45	---	---	Peak
3		144.46	32.18	-11.32	43.50	45.96	17.25	1.29	32.32	---	---	Peak
4		787.57	30.25	-15.75	46.00	31.07	28.30	3.11	32.23	---	---	Peak
5		863.23	31.03	-14.97	46.00	30.34	29.20	3.28	31.79	---	---	Peak
6	*	881.60	60.18			59.45	29.07	3.32	31.66	---	---	Peak
7		941.80	32.48	-13.52	46.00	29.72	30.41	3.43	31.08	---	---	Peak
8		2826.00	37.87	-36.13	74.00	65.25	28.20	6.45	62.03	---	---	Peak
9		4726.00	40.48	-33.52	74.00	63.40	31.25	8.38	62.55	---	---	Peak
10		6940.00	45.25	-28.75	74.00	63.33	35.18	10.20	63.46	---	---	Peak
11		8896.00	48.20	-25.80	74.00	63.12	37.91	11.59	64.42	---	---	Peak
12		10554.00	49.62	-24.38	74.00	60.98	39.79	12.52	63.67	100	138	Peak
13		11502.00	49.37	-24.63	74.00	59.91	39.80	13.16	63.50	---	---	Peak
14		17890.00	49.61	-24.39	74.00	49.67	45.73	15.35	61.14	---	---	Peak
15		26628.00	49.59	-24.41	74.00	40.84	39.63	22.15	53.03	---	---	Peak

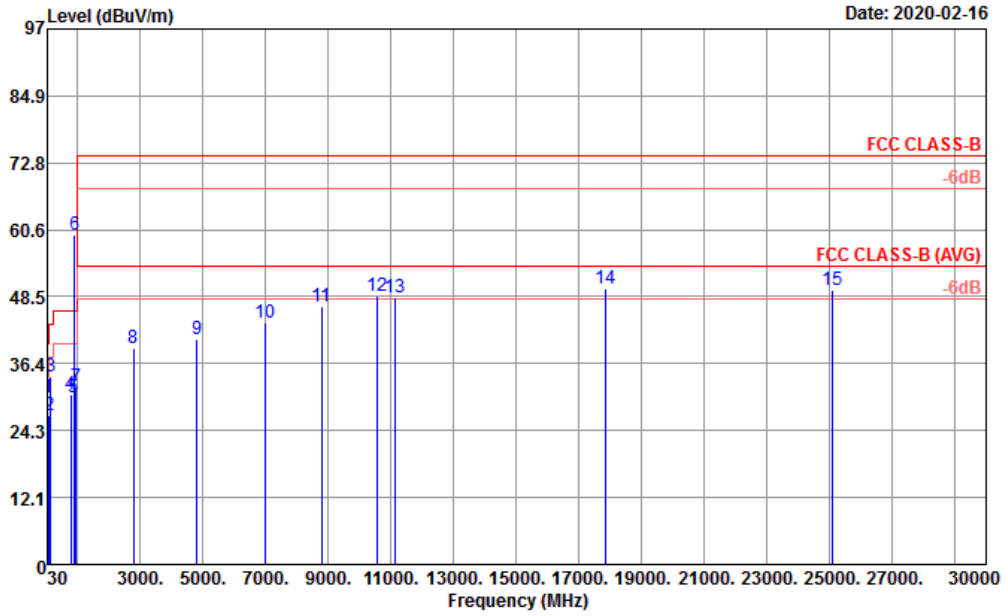
Mode :	Mode 2	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		144.46	27.15	-16.35	43.50	17.48	40.70	1.29	32.32	---	---	Peak
2		171.62	27.04	-16.46	43.50	15.74	42.19	1.40	32.29	---	---	Peak
3		815.70	30.07	-15.93	46.00	27.53	31.46	3.18	32.10	---	---	Peak
4		854.50	30.14	-15.86	46.00	28.64	30.07	3.27	31.84	---	---	Peak
5	*	891.60	62.92			28.51	62.68	3.33	31.60	---	---	Peak
6		927.25	31.42	-14.58	46.00	29.27	29.99	3.40	31.24	---	---	Peak
7		953.44	31.65	-14.35	46.00	30.20	28.94	3.46	30.95	100	135	Peak
8		2930.00	38.89	-35.11	74.00	28.44	65.96	6.56	62.07	---	---	Peak
9		4984.00	40.54	-33.46	74.00	31.34	63.07	8.73	62.60	---	---	Peak
10		6558.00	43.76	-30.24	74.00	34.42	62.57	10.00	63.23	---	---	Peak
11		8858.00	46.93	-27.07	74.00	37.98	61.72	11.62	64.39	---	---	Peak
12		10536.00	48.93	-25.07	74.00	39.83	60.27	12.51	63.68	---	---	Peak
13		11152.00	48.27	-25.73	74.00	39.64	59.14	12.92	63.43	---	---	Peak
14		14405.00	50.61	-23.39	74.00	41.60	56.88	14.43	62.30	100	139	Peak
15		21024.00	50.57	-23.43	74.00	37.93	45.48	20.17	53.01	---	---	Peak

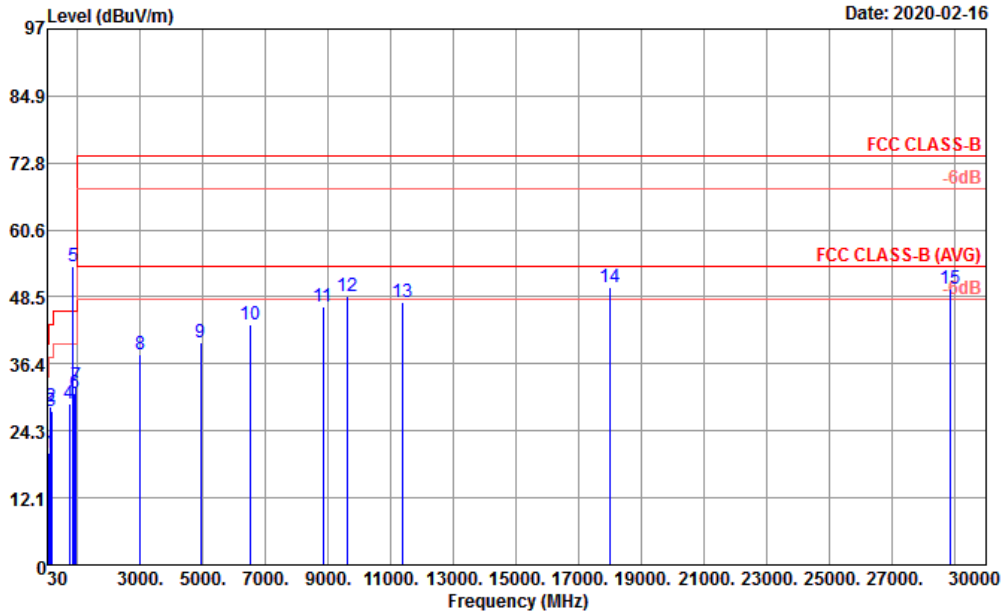
Mode :	Mode 2	**Temperature :**	22~23˚C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH10-HY
Condition : FCC CLASS-B 3m HORN_9170_40G_0584 VERTICAL

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		39.70	30.28	-9.72	40.00	19.53	42.55	0.68	32.48	---	---	Peak
2		79.47	26.95	-13.05	40.00	13.57	44.85	0.94	32.41	---	---	Peak
3		142.52	33.98	-9.52	43.50	17.58	47.44	1.28	32.32	100	101	Peak
4		788.54	30.70	-15.30	46.00	27.70	32.12	3.11	32.23	---	---	Peak
5		876.81	30.25	-15.75	46.00	28.54	30.10	3.31	31.70	---	---	Peak
6	*	891.60	59.77			28.51	59.53	3.33	31.60	---	---	Peak
7		943.74	32.20	-13.80	46.00	29.79	30.03	3.44	31.06	---	---	Peak
8		2776.00	39.09	-34.91	74.00	28.00	66.71	6.39	62.01	---	---	Peak
9		4814.00	40.74	-33.26	74.00	31.20	63.62	8.48	62.56	---	---	Peak
10		6978.00	43.68	-30.32	74.00	35.31	61.59	10.27	63.49	---	---	Peak
11		8796.00	46.87	-27.13	74.00	37.98	61.57	11.66	64.34	---	---	Peak
12		10542.00	48.72	-25.28	74.00	39.82	60.06	12.51	63.67	---	---	Peak
13		11150.00	48.47	-25.53	74.00	39.65	59.33	12.92	63.43	---	---	Peak
14		17860.00	50.03	-23.97	74.00	45.22	50.62	15.35	61.16	100	197	Peak
15		25092.00	49.60	-24.40	74.00	40.14	41.60	21.28	53.42	---	---	Peak

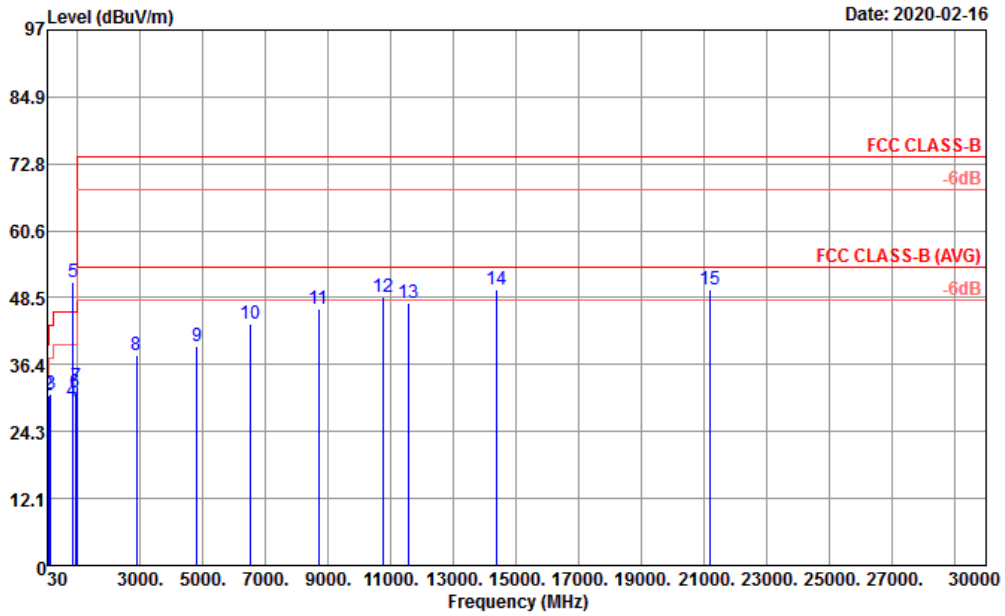
Mode :	Mode 3	**Temperature :**	22~23°C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		80.44	20.35	-19.65	40.00	13.70	38.11	0.94	32.40	---	---	Peak
2		137.67	28.59	-14.91	43.50	17.64	42.01	1.26	32.32	---	---	Peak
3		172.59	27.85	-15.65	43.50	15.70	43.03	1.41	32.29	---	---	Peak
4		732.28	29.30	-16.70	46.00	27.43	31.21	2.99	32.33	---	---	Peak
5	*	861.50	54.14			28.46	54.20	3.28	31.80	---	---	Peak
6		903.00	31.08	-14.92	46.00	28.60	30.63	3.36	31.51	---	---	Peak
7		940.83	32.31	-13.69	46.00	29.70	30.27	3.43	31.09	100	169	Peak
8		2996.00	37.97	-36.03	74.00	28.40	65.04	6.63	62.10	---	---	Peak
9		4914.00	40.25	-33.75	74.00	31.20	63.00	8.63	62.58	---	---	Peak
10		6528.00	43.56	-30.44	74.00	34.31	62.49	9.98	63.22	---	---	Peak
11		8840.00	46.67	-27.33	74.00	38.00	61.41	11.63	64.37	---	---	Peak
12		9602.00	48.71	-25.29	74.00	38.90	61.89	12.62	64.70	---	---	Peak
13		11362.00	47.45	-26.55	74.00	39.72	58.14	13.06	63.47	---	---	Peak
14		17975.00	50.25	-23.75	74.00	47.92	48.07	15.37	61.11	100	175	Peak
15		28836.00	49.86	-24.14	74.00	40.17	40.19	24.14	54.64	---	---	Peak

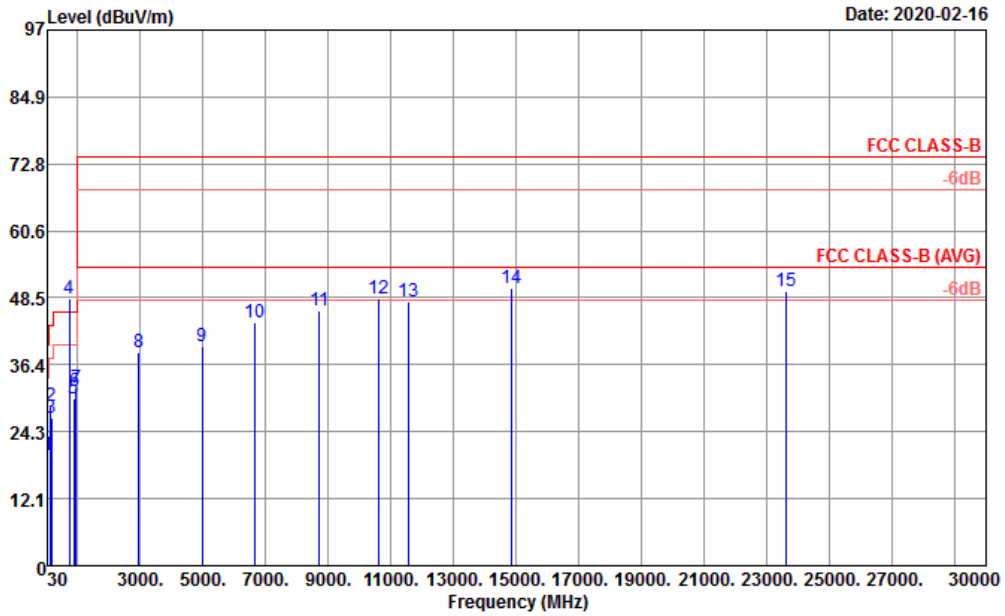
Mode :	Mode 3	**Temperature :**	22~23°C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		39.70	27.22	-12.78	40.00	19.53	39.49	0.68	32.48	---	---	Peak
2		73.65	30.90	-9.10	40.00	12.89	49.52	0.91	32.42	100	110	Peak
3		143.49	31.06	-12.44	43.50	17.56	44.54	1.28	32.32	---	---	Peak
4		838.98	29.72	-16.28	46.00	28.59	29.85	3.23	31.95	---	---	Peak
5	*	861.50	51.21			28.46	51.27	3.28	31.80	---	---	Peak
6		935.01	31.35	-14.65	46.00	29.28	29.80	3.42	31.15	---	---	Peak
7		959.26	32.54	-13.46	46.00	30.45	29.51	3.47	30.89	---	---	Peak
8		2868.00	38.00	-36.00	74.00	28.37	65.19	6.49	62.05	---	---	Peak
9		4804.00	39.63	-34.37	74.00	31.20	62.52	8.47	62.56	---	---	Peak
10		6490.00	43.70	-30.30	74.00	34.16	62.76	9.97	63.19	---	---	Peak
11		8686.00	46.43	-27.57	74.00	37.57	61.51	11.60	64.25	---	---	Peak
12		10760.00	48.65	-25.35	74.00	40.00	59.53	12.66	63.54	---	---	Peak
13		11568.00	47.57	-26.43	74.00	39.66	58.21	13.20	63.50	---	---	Peak
14		14380.00	50.04	-23.96	74.00	41.60	56.32	14.42	62.30	100	196	Peak
15		21180.00	49.94	-24.06	74.00	38.13	44.59	20.33	53.11	---	---	Peak

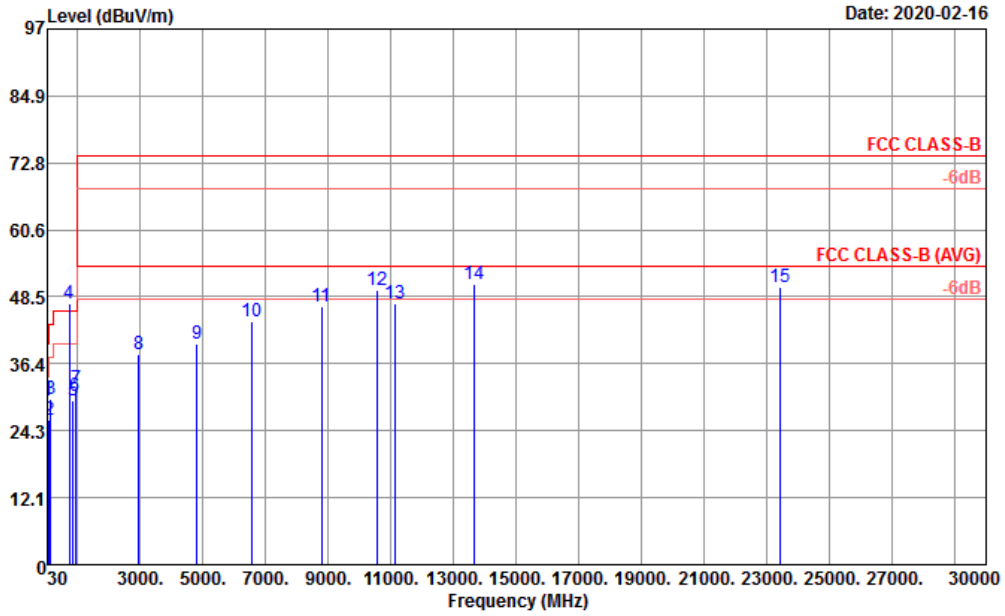
Mode :	Mode 4	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		39.70	20.12	-19.88	40.00	19.53	32.39	0.68	32.48	---	---	Peak
2		135.73	29.02	-14.48	43.50	17.67	42.42	1.25	32.32	---	---	Peak
3		159.98	26.69	-16.81	43.50	16.70	40.94	1.35	32.30	---	---	Peak
4	*	731.50	48.25			27.38	50.21	2.99	32.33	---	---	Peak
5		881.66	30.21	-15.79	46.00	28.57	29.98	3.32	31.66	---	---	Peak
6		935.01	31.53	-14.47	46.00	29.28	29.98	3.42	31.15	---	---	Peak
7		955.38	32.26	-13.74	46.00	30.33	29.40	3.46	30.93	100	174	Peak
8		2952.00	38.72	-35.28	74.00	28.40	65.82	6.58	62.08	---	---	Peak
9		4978.00	39.75	-34.25	74.00	31.31	62.32	8.72	62.60	---	---	Peak
10		6662.00	43.91	-30.09	74.00	34.42	62.79	10.00	63.30	---	---	Peak
11		8704.00	46.29	-27.71	74.00	37.61	61.33	11.61	64.26	---	---	Peak
12		10612.00	48.32	-25.68	74.00	39.70	59.69	12.56	63.63	---	---	Peak
13		11570.00	47.94	-26.06	74.00	39.66	58.58	13.20	63.50	---	---	Peak
14		14850.00	50.26	-23.74	74.00	41.30	56.51	14.61	62.16	100	174	Peak
15		23604.00	49.75	-24.25	74.00	39.27	42.61	21.11	53.24	---	---	Peak

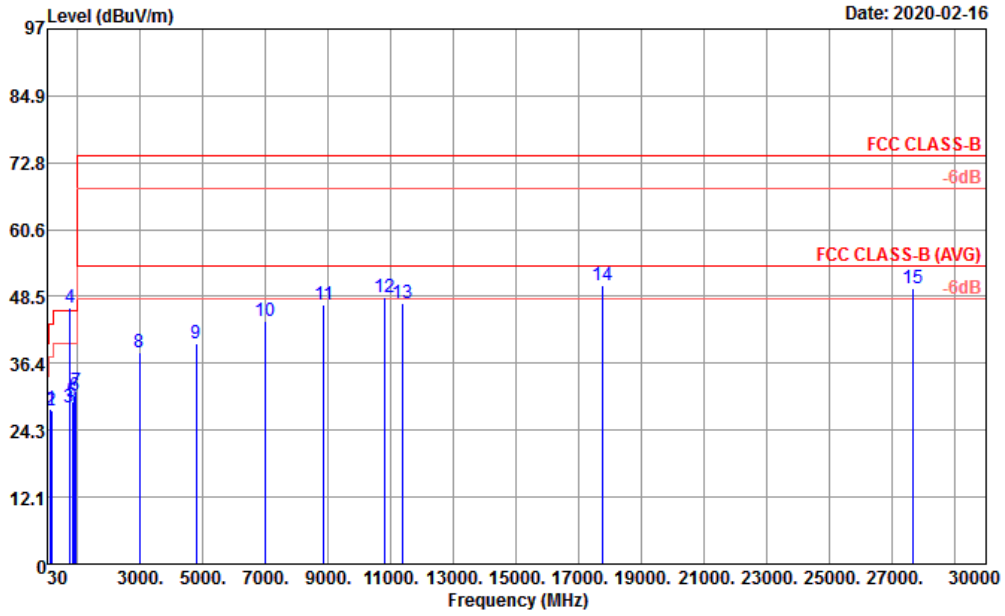
Mode :	Mode 4	**Temperature :**	22~23˚C
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#4 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		39.70	29.74	-10.26	40.00	19.53	42.01	0.68	32.48	100	125	Peak
2		79.47	26.26	-13.74	40.00	13.57	44.16	0.94	32.41	---	---	Peak
3		138.64	29.93	-13.57	43.50	17.65	43.34	1.26	32.32	---	---	Peak
4	*	731.50	47.16			27.38	49.12	2.99	32.33	---	---	Peak
5		843.83	29.83	-16.17	46.00	28.64	29.86	3.25	31.92	---	---	Peak
6		913.67	30.50	-15.50	46.00	28.83	29.68	3.38	31.39	---	---	Peak
7		956.35	31.85	-14.15	46.00	30.36	28.95	3.46	30.92	---	---	Peak
8		2940.00	37.98	-36.02	74.00	28.42	65.07	6.57	62.08	---	---	Peak
9		4812.00	40.02	-33.98	74.00	31.20	62.90	8.48	62.56	---	---	Peak
10		6580.00	43.93	-30.07	74.00	34.46	62.71	10.01	63.25	---	---	Peak
11		8778.00	46.67	-27.33	74.00	37.87	61.47	11.65	64.32	---	---	Peak
12		10540.00	49.68	-24.32	74.00	39.82	61.03	12.51	63.68	---	---	Peak
13		11146.00	47.29	-26.71	74.00	39.66	58.14	12.92	63.43	---	---	Peak
14		13660.00	50.70	-23.30	74.00	40.46	58.40	14.14	62.30	100	130	Peak
15		23412.00	50.31	-23.69	74.00	39.18	43.25	21.12	53.24	---	---	Peak

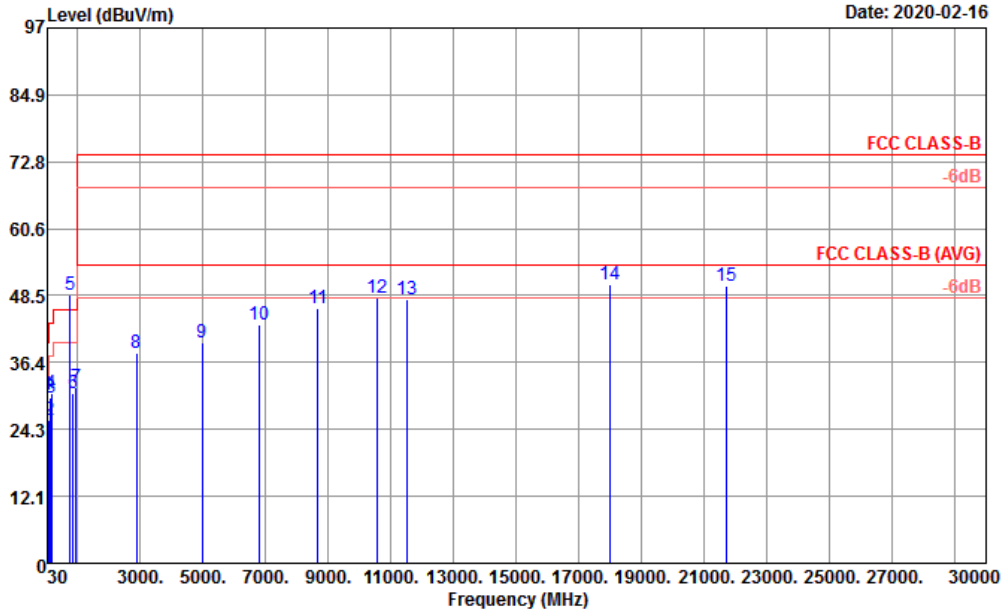
Mode :	Mode 5	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		138.64	28.15	-15.35	43.50	17.65	41.56	1.26	32.32	---	---	Peak
2		159.98	27.80	-15.70	43.50	16.70	42.05	1.35	32.30	---	---	Peak
3		727.43	28.41	-17.59	46.00	27.16	30.61	2.98	32.34	---	---	Peak
4	*	753.50	46.51			27.70	48.07	3.03	32.29	---	---	Peak
5		832.19	29.45	-16.55	46.00	28.11	30.11	3.22	31.99	---	---	Peak
6		904.94	30.56	-15.44	46.00	28.63	30.06	3.36	31.49	---	---	Peak
7		948.59	31.32	-14.68	46.00	29.90	28.98	3.45	31.01	100	168	Peak
8		2980.00	38.36	-35.64	74.00	28.40	65.44	6.61	62.09	---	---	Peak
9		4786.00	39.98	-34.02	74.00	31.20	62.90	8.44	62.56	---	---	Peak
10		6964.00	44.02	-29.98	74.00	35.26	62.00	10.24	63.48	---	---	Peak
11		8852.00	47.03	-26.97	74.00	38.00	61.79	11.62	64.38	---	---	Peak
12		10818.00	48.47	-25.53	74.00	40.20	59.08	12.70	63.51	---	---	Peak
13		11354.00	47.27	-26.73	74.00	39.71	57.97	13.06	63.47	---	---	Peak
14		17745.00	50.50	-23.50	74.00	43.54	52.83	15.33	61.20	100	150	Peak
15		27660.00	50.09	-23.91	74.00	39.62	40.82	23.34	53.69	---	---	Peak

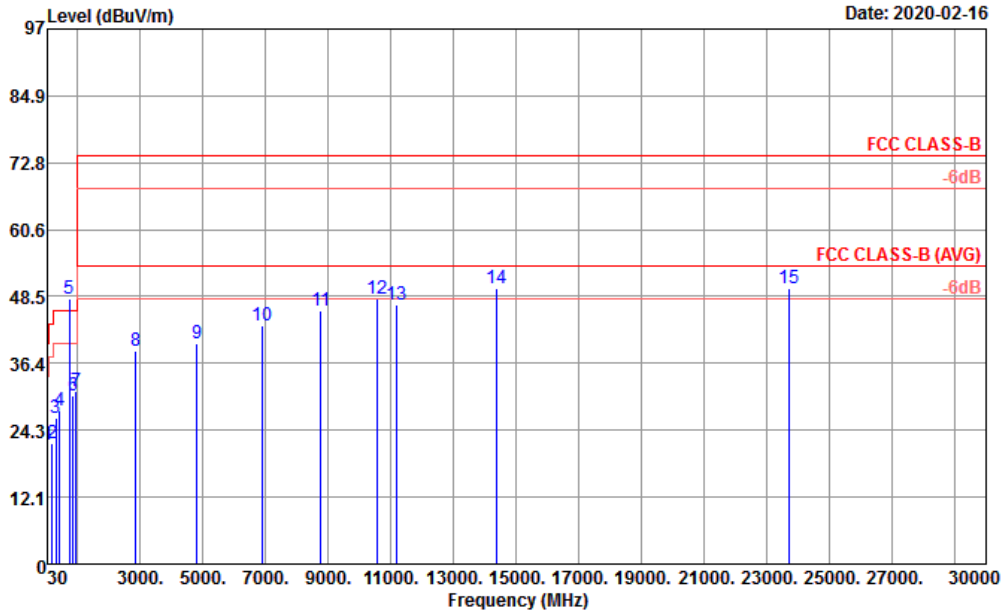
Mode :	Mode 5	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		40.67	30.61	-9.39	40.00	19.11	43.30	0.68	32.48	100	139	Peak
2		80.44	26.00	-14.00	40.00	13.70	43.76	0.94	32.40	---	---	Peak
3		138.64	29.98	-13.52	43.50	17.65	43.39	1.26	32.32	---	---	Peak
4		156.10	30.72	-12.78	43.50	16.96	44.73	1.33	32.30	---	---	Peak
5	*	753.50	48.54			27.70	50.10	3.03	32.29	---	---	Peak
6		840.92	30.81	-15.19	46.00	28.68	30.83	3.24	31.94	---	---	Peak
7		956.35	31.96	-14.04	46.00	30.36	29.06	3.46	30.92	---	---	Peak
8		2870.00	38.01	-35.99	74.00	28.38	65.19	6.49	62.05	---	---	Peak
9		4962.00	39.94	-34.06	74.00	31.25	62.59	8.69	62.59	---	---	Peak
10		6780.00	43.34	-30.66	74.00	34.46	62.30	9.95	63.37	---	---	Peak
11		8666.00	46.33	-27.67	74.00	37.53	61.44	11.59	64.23	---	---	Peak
12		10572.00	48.14	-25.86	74.00	39.76	59.51	12.53	63.66	---	---	Peak
13		11532.00	47.72	-26.28	74.00	39.74	58.30	13.18	63.50	---	---	Peak
14		17999.00	50.51	-23.49	74.00	48.57	47.67	15.37	61.10	100	149	Peak
15		21708.00	50.37	-23.63	74.00	38.50	44.19	20.86	53.18	---	---	Peak

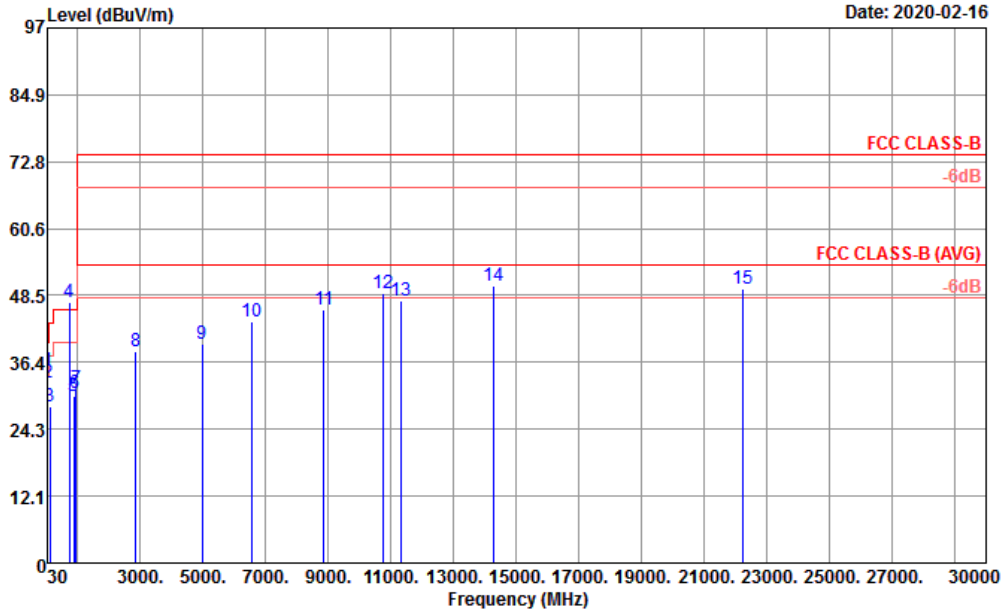
Mode :	Mode 6	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		30.00	21.56	-18.44	40.00	22.45	31.02	0.58	32.49	---	---	Peak
2		190.05	21.90	-21.60	43.50	15.01	37.68	1.48	32.27	---	---	Peak
3		308.39	26.56	-19.44	46.00	19.17	37.65	1.91	32.17	---	---	Peak
4		431.58	27.87	-18.13	46.00	22.68	35.24	2.28	32.33	---	---	Peak
5	*	740.00	48.04			27.60	49.76	3.00	32.32	---	---	Peak
6		853.53	30.40	-15.60	46.00	28.63	30.35	3.27	31.85	---	---	Peak
7		956.35	31.37	-14.63	46.00	30.36	28.47	3.46	30.92	100	163	Peak
8		2852.00	38.55	-35.45	74.00	28.31	65.81	6.47	62.04	---	---	Peak
9		4796.00	40.10	-33.90	74.00	31.20	63.00	8.46	62.56	---	---	Peak
10		6870.00	43.30	-30.70	74.00	34.92	61.73	10.07	63.42	---	---	Peak
11		8760.00	46.03	-27.97	74.00	37.76	60.94	11.64	64.31	---	---	Peak
12		10550.00	48.09	-25.91	74.00	39.80	59.44	12.52	63.67	---	---	Peak
13		11156.00	47.13	-26.87	74.00	39.63	58.01	12.92	63.43	---	---	Peak
14		14395.00	50.02	-23.98	74.00	41.60	56.29	14.43	62.30	100	198	Peak
15		23700.00	49.92	-24.08	74.00	39.32	42.77	21.11	53.28	---	---	Peak

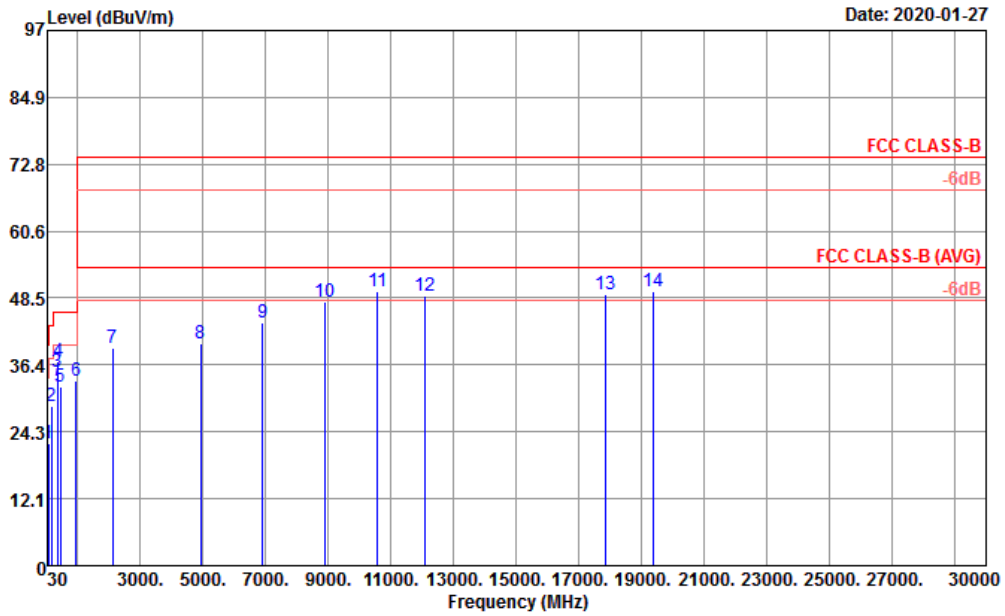
Mode :	Mode 6	**Temperature :**	22~23℃
Test Engineer :	Donny Tang	**Relative Humidity :**	50~52%
Test Distance :	3m	**Polarization :**	Vertical
Remark :	#4 is system simulator signal which can be ignored.		



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

		Freq	Level	Over Limit	Limit Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1		30.97	34.83	-5.17	40.00	21.85	44.87	0.59	32.48	100	117	Peak
2		38.73	32.60	-7.40	40.00	20.00	44.42	0.66	32.48	---	---	Peak
3		123.12	28.44	-15.06	43.50	17.73	41.86	1.19	32.34	---	---	Peak
4	*	740.00	47.27			27.60	48.99	3.00	32.32	---	---	Peak
5		873.90	30.21	-15.79	46.00	28.55	30.07	3.30	31.71	---	---	Peak
6		926.28	30.79	-15.21	46.00	29.26	29.38	3.40	31.25	---	---	Peak
7		956.35	31.63	-14.37	46.00	30.36	28.73	3.46	30.92	---	---	Peak
8		2860.00	38.26	-35.74	74.00	28.34	65.48	6.48	62.04	---	---	Peak
9		4978.00	39.60	-34.40	74.00	31.31	62.17	8.72	62.60	---	---	Peak
10		6576.00	43.86	-30.14	74.00	34.45	62.65	10.01	63.25	---	---	Peak
11		8846.00	46.06	-27.94	74.00	38.00	60.81	11.63	64.38	---	---	Peak
12		10766.00	48.90	-25.10	74.00	40.03	59.75	12.66	63.54	---	---	Peak
13		11334.00	47.57	-26.43	74.00	39.67	58.33	13.04	63.47	---	---	Peak
14		14285.00	50.13	-23.87	74.00	41.56	56.49	14.38	62.30	100	187	Peak
15		22248.00	49.80	-24.20	74.00	38.45	43.25	21.15	53.05	---	---	Peak

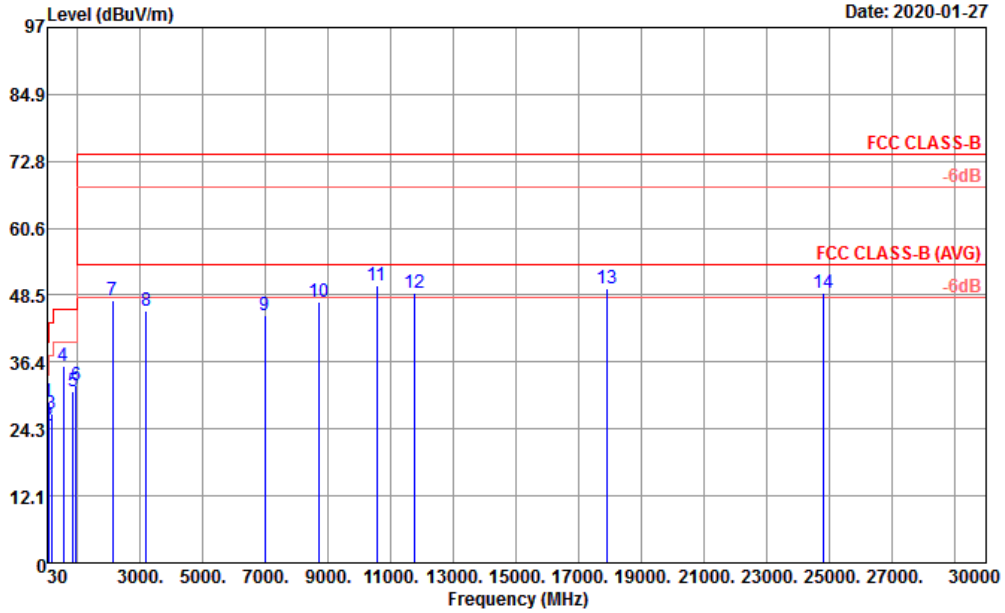
Mode :	Mode 7	Temperature :	22~23°C
Test Engineer :	Donny Tang	Relative Humidity :	50~52%
Test Distance :	3m	Polarization :	Horizontal



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	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	63.95	22.24	-17.76	40.00	41.75	12.09	0.84	32.44	---	---	Peak
2	166.77	28.78	-14.72	43.50	43.77	15.92	1.38	32.29	---	---	Peak
3	353.01	35.02	-10.98	46.00	44.74	20.46	2.05	32.23	---	---	Peak
4	367.56	36.92	-9.08	46.00	46.33	20.75	2.09	32.25	100	108	Peak
5	449.04	32.56	-13.44	46.00	39.60	22.98	2.33	32.35	---	---	Peak
6	952.47	33.46	-12.54	46.00	29.87	31.10	3.45	30.96	---	---	Peak
7	2124.00	39.51	-34.49	74.00	68.65	27.24	5.52	61.90	---	---	Peak
8	4922.00	40.33	-33.67	74.00	63.07	31.20	8.64	62.58	---	---	Peak
9	6896.00	44.13	-29.87	74.00	62.37	35.08	10.12	63.44	---	---	Peak
10	8878.00	47.78	-26.22	74.00	62.64	37.94	11.60	64.40	---	---	Peak
11	10570.00	49.75	-24.25	74.00	61.12	39.76	12.53	63.66	100	125	Peak
12	12100.00	48.90	-25.10	74.00	59.83	39.00	13.53	63.46	---	---	Peak
13	17840.00	49.20	-24.80	74.00	50.13	44.88	15.35	61.16	---	---	Peak
14	19356.00	49.73	-24.27	74.00	47.17	37.73	18.95	54.12	---	---	Peak

Mode :	Mode 7	Temperature :	22~23°C
Test Engineer :	Donny Tang	Relative Humidity :	50~52%
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	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	62.98	29.19	-10.81	40.00	48.89	11.90	0.84	32.44	---	---	Peak
2	77.53	24.92	-15.08	40.00	43.29	13.11	0.93	32.41	---	---	Peak
3	158.04	27.06	-16.44	43.50	41.42	16.60	1.34	32.30	---	---	Peak
4	531.49	35.61	-10.39	46.00	41.52	24.00	2.54	32.45	100	139	Peak
5	854.50	30.95	-15.05	46.00	30.22	29.30	3.27	31.84	---	---	Peak
6	953.44	32.12	-13.88	46.00	28.47	31.14	3.46	30.95	---	---	Peak
7	2124.00	47.65	-26.35	74.00	76.79	27.24	5.52	61.90	---	---	Peak
8	3190.00	45.58	-28.42	74.00	72.05	28.82	6.85	62.14	---	---	Peak
9	6984.00	44.73	-29.27	74.00	62.60	35.34	10.28	63.49	---	---	Peak
10	8698.00	47.38	-26.62	74.00	62.43	37.60	11.61	64.26	---	---	Peak
11	10546.00	50.37	-23.63	74.00	61.71	39.81	12.52	63.67	100	163	Peak
12	11742.00	48.81	-25.19	74.00	60.02	38.97	13.32	63.50	---	---	Peak
13	17915.00	49.75	-24.25	74.00	49.21	46.31	15.36	61.13	---	---	Peak
14	24828.00	48.97	-25.03	74.00	40.81	40.33	21.23	53.40	---	---	Peak

———THE END———