



FCC EMI TEST REPORT

FCC ID : PY7-87261H
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 Dec. 26, 2019 and completed on Jan. 08, 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.)



Table of Contents

History of this test report	3
Summary of Test Result	4
1. General Description.....	5
1.1. Product Feature of Equipment Under Test	5
1.2. Modification of EUT	5
1.3. Test Location.....	6
1.4. Applicable Standards	6
2. Test Configuration of Equipment Under Test	7
2.1. Test Mode	7
2.2. Connection Diagram of Test System	8
2.3. Support Unit used in test configuration and system	9
2.4. EUT Operation Test Setup.....	9
3. Test Result.....	10
3.1. Test of AC Conducted Emission Measurement.....	10
3.2. Test of Radiated Emission Measurement.....	12
4. List of Measuring Equipment	14
5. Uncertainty of Evaluation.....	16
Appendix A. AC Conducted Emission Test Result	
Appendix B. Radiated Emission Test Result	



History of this test report

Report No.	Version	Description	Issued Date
FC9O1542-02	01	Initial issue of report	Feb. 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 8.32 dB at 0.157 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 3.32 dB at 30.000 MHz for Quasi-Peak

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	2.81	QV7100HV2A	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N: 6218W30200005
Earphone	Model Name : STH40D
	S/N : N/A
Bluetooth Earphone	Model Name : SBH82D
	S/N : N/A
USB Cable	Model Name : UCB24
	S/N : N/A
Audio Cable	Model Name : EC234
	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

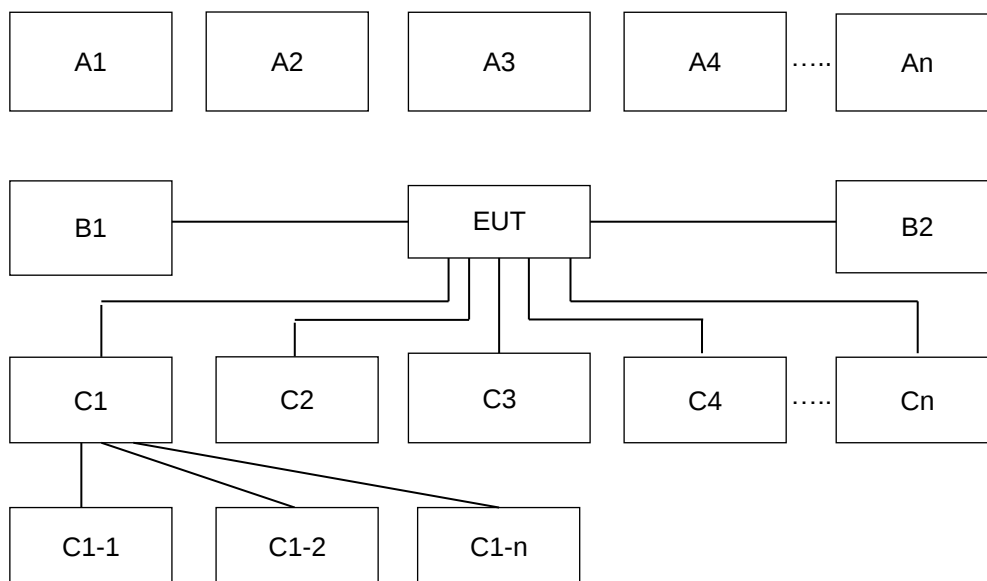
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

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 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Audio Cable + 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 (High 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 5 (High Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Audio Cable + 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 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS RX + Earphone + USB Cable (Charging from Adapter) + Battery
	Mode 6 : LTE Band 17 (Low 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 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



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 GSM/UMTS/CDMA/WCDMA/LTE /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	iPod	USB Cable to C1	-	-	-	-	-	-	X
C1-2	AP router	RJ-45 Cable to C1	-	-	-	-	-	-	X
C2	Earphone	Earphone jack	X	X	X	X	X	X	X
C3	SD card	SD I/O interface without Cable	X	X	X	X	X	X	X

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 E3340	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, WCDMA 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.

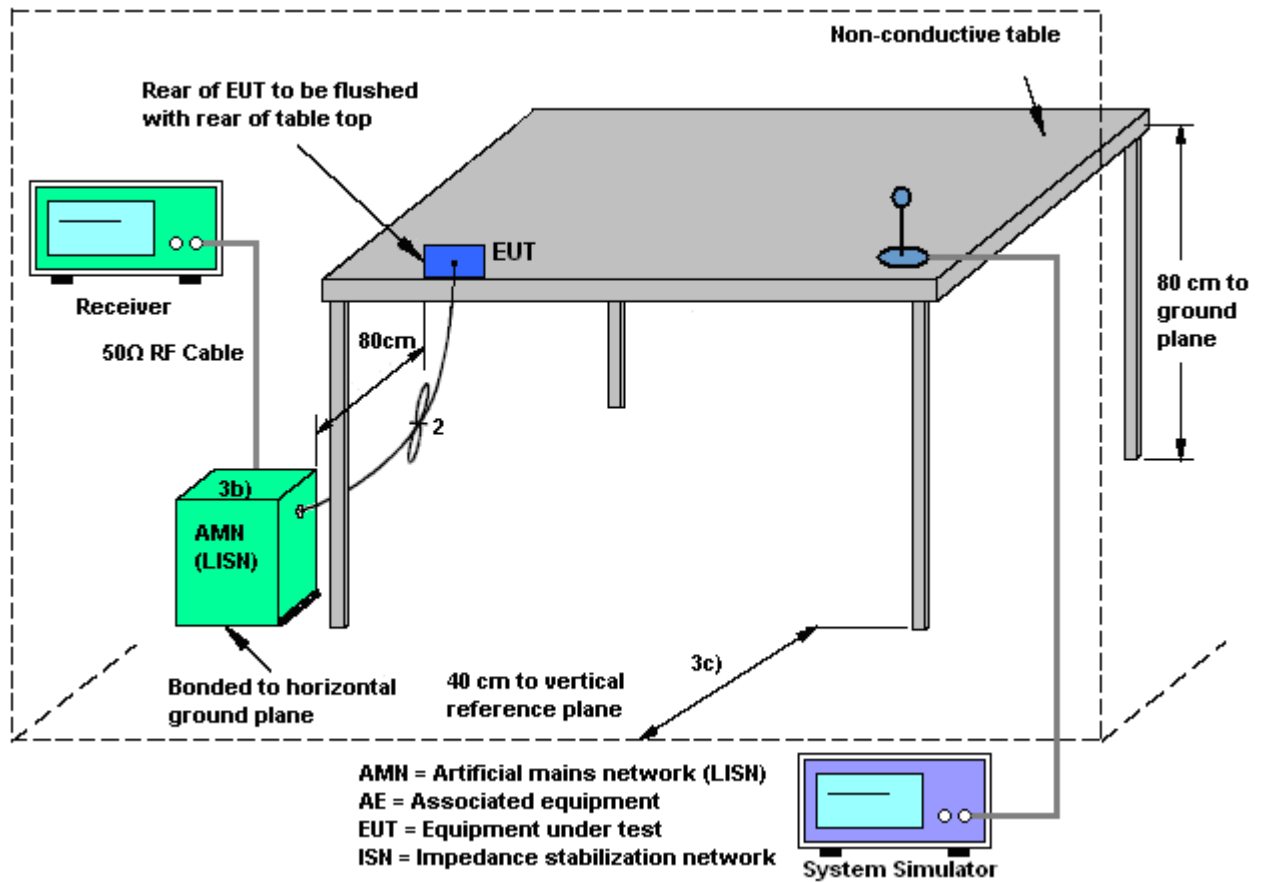
3.1.2 Measuring Instruments

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

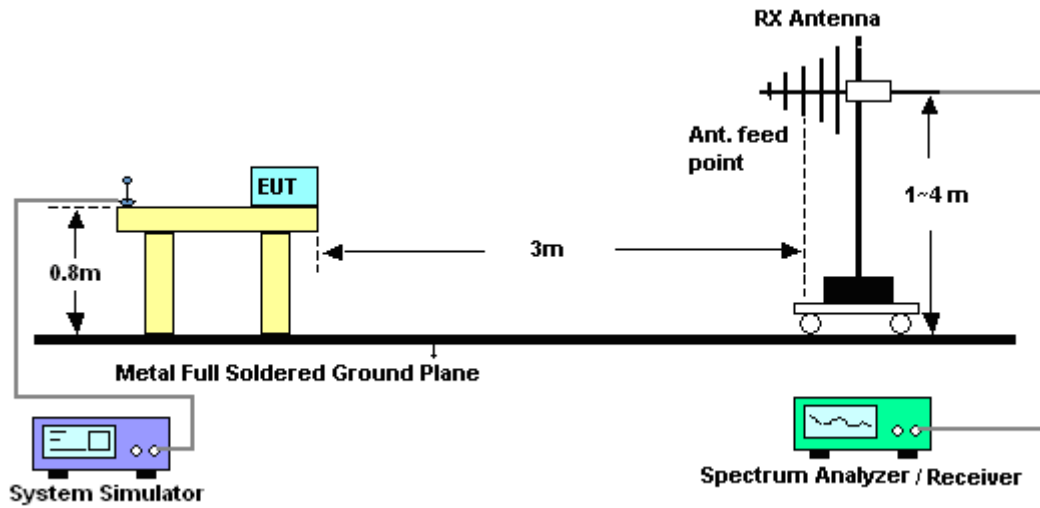
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

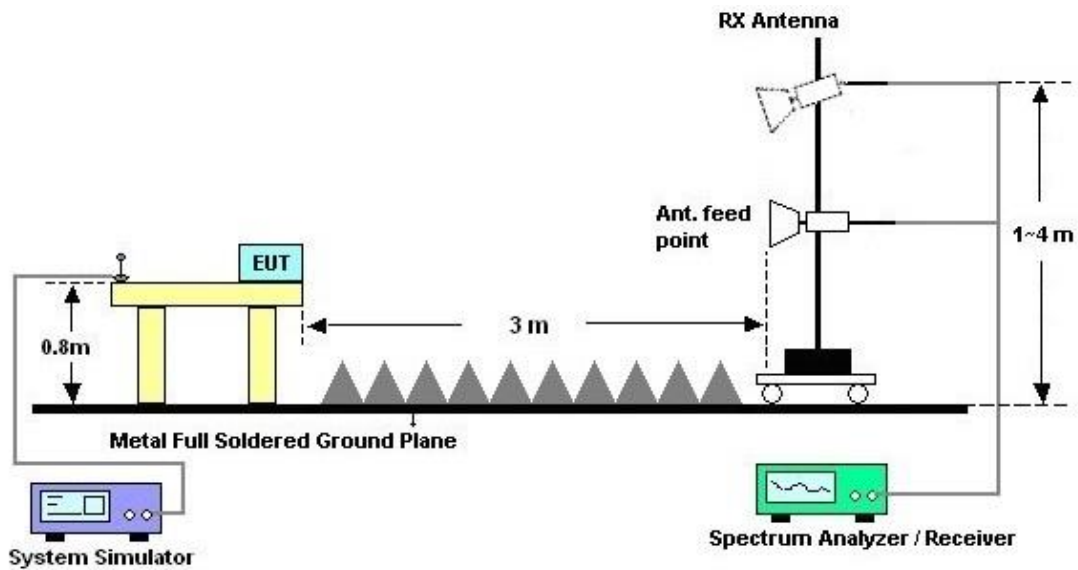
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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. 01, 2019~ Jan. 04, 2020	Oct. 21, 2020	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35413 & 02	30MHz~1GHz	Feb. 12, 2019	Jan. 01, 2019~ Jan. 04, 2020	Feb. 11, 2020	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 5	1GHz~18GHz	Oct. 09, 2019	Jan. 01, 2019~ Jan. 04, 2020	Oct. 08, 2020	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800- 30-10P	160118550 004	1GHz~18GHz	Sep. 27, 2019	Jan. 01, 2019~ Jan. 04, 2020	Sep. 26, 2020	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 01, 2019~ Jan. 04, 2020	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	Jan. 01, 2019~ Jan. 04, 2020	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jan. 01, 2019~ Jan. 04, 2020	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-00104 2	N/A	N/A	Jan. 01, 2019~ Jan. 04, 2020	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY532900 45	20MHz~8.4GHz	Jan. 19, 2019	Jan. 01, 2019~ Jan. 04, 2020	Jan. 18, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/ 4PE, MY11693/ 4PE, MY2855/2	30MHz~1GHz	Nov. 07, 2019	Jan. 01, 2019~ Jan. 04, 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. 01, 2019~ Jan. 04, 2020	Nov. 06, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 13, 2019	Jan. 01, 2019~ Jan. 04, 2020	Mar. 12, 2020	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 576	18GHz- 40GHz	May 14, 2019	Jan. 01, 2019~ Jan. 04, 2020	May 13, 2020	Radiation (03CH10-HY)
Signal Analyzer	R&S	FSV3044	101009	10Hz~44GHz	Nov. 11, 2019	Jan. 01, 2019~ Jan. 04, 2020	Nov. 10, 2020	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Jan. 01, 2019~ Jan. 04, 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	Dec. 26, 2019~ Jan. 08, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Dec. 26, 2019~ Jan. 08, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Dec. 26, 2019~ Jan. 08, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Dec. 26, 2019~ Jan. 08, 2020	Nov. 19, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Dec. 26, 2019~ Jan. 08, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 26, 2019~ Jan. 08, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2019	Dec. 26, 2019~ Jan. 01, 2020	Jan. 02, 2020	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jan. 02, 2020~ Jan. 08, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2019	Dec. 26, 2019~ Jan. 01, 2020	Jan. 02, 2020	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jan. 02, 2020~ Jan. 08, 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)

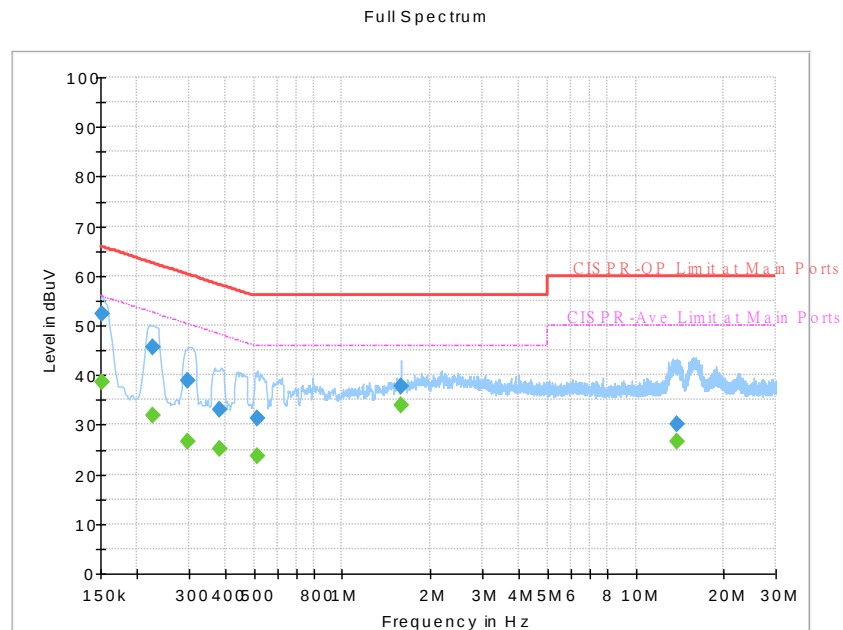
Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8
--	-----

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°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

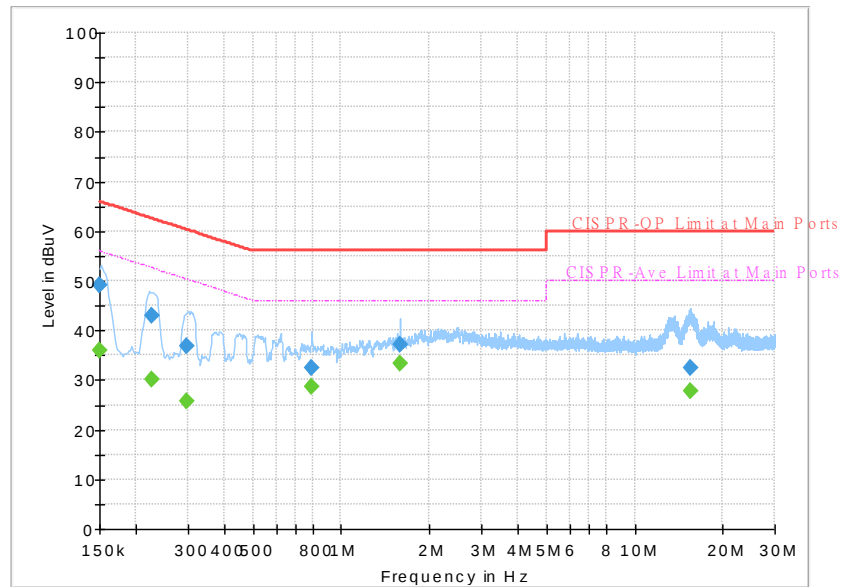


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151755	---	38.72	55.90	17.18	L1	OFF	19.5
0.151755	52.47	---	65.90	13.43	L1	OFF	19.5
0.226410	---	31.73	52.58	20.85	L1	OFF	19.5
0.226410	45.65	---	62.58	16.93	L1	OFF	19.5
0.298500	---	26.52	50.28	23.76	L1	OFF	19.5
0.298500	38.84	---	60.28	21.44	L1	OFF	19.5
0.383370	---	25.19	48.21	23.02	L1	OFF	19.5
0.383370	33.02	---	58.21	25.19	L1	OFF	19.5
0.512790	---	23.80	46.00	22.20	L1	OFF	19.5
0.512790	31.20	---	56.00	24.80	L1	OFF	19.5
1.585050	---	33.96	46.00	12.04	L1	OFF	19.6
1.585050	37.83	---	56.00	18.17	L1	OFF	19.6
13.826670	---	26.47	50.00	23.53	L1	OFF	20.0
13.826670	30.16	---	60.00	29.84	L1	OFF	20.0

Test Mode :	Mode 1	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

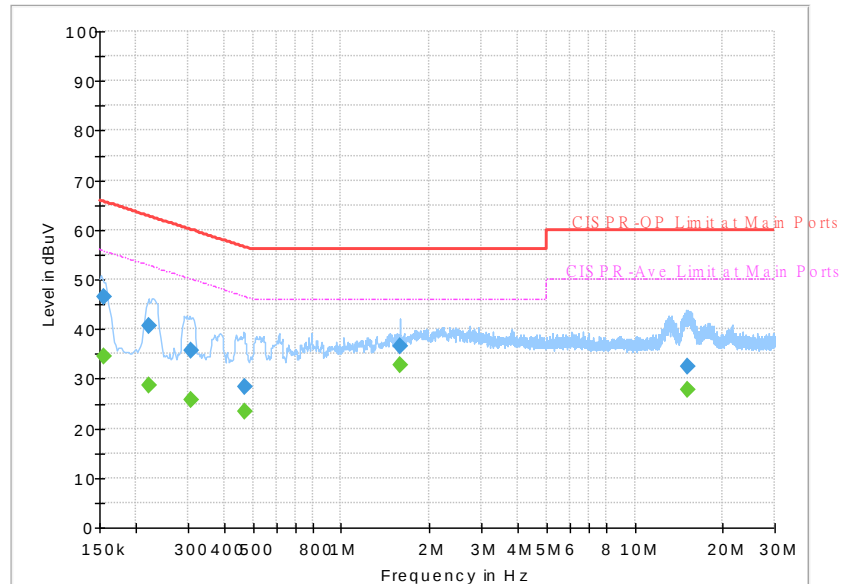


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	35.92	56.00	20.08	N	OFF	19.5
0.150000	49.19	---	66.00	16.81	N	OFF	19.5
0.226500	---	30.12	52.58	22.46	N	OFF	19.5
0.226500	42.96	---	62.58	19.62	N	OFF	19.5
0.298500	---	25.75	50.28	24.53	N	OFF	19.5
0.298500	36.95	---	60.28	23.33	N	OFF	19.5
0.791880	---	28.75	46.00	17.25	N	OFF	19.6
0.791880	32.36	---	56.00	23.64	N	OFF	19.6
1.585230	---	33.26	46.00	12.74	N	OFF	19.6
1.585230	37.18	---	56.00	18.82	N	OFF	19.6
15.436500	---	27.80	50.00	22.20	N	OFF	20.1
15.436500	32.57	---	60.00	27.43	N	OFF	20.1

Test Mode :	Mode 2	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

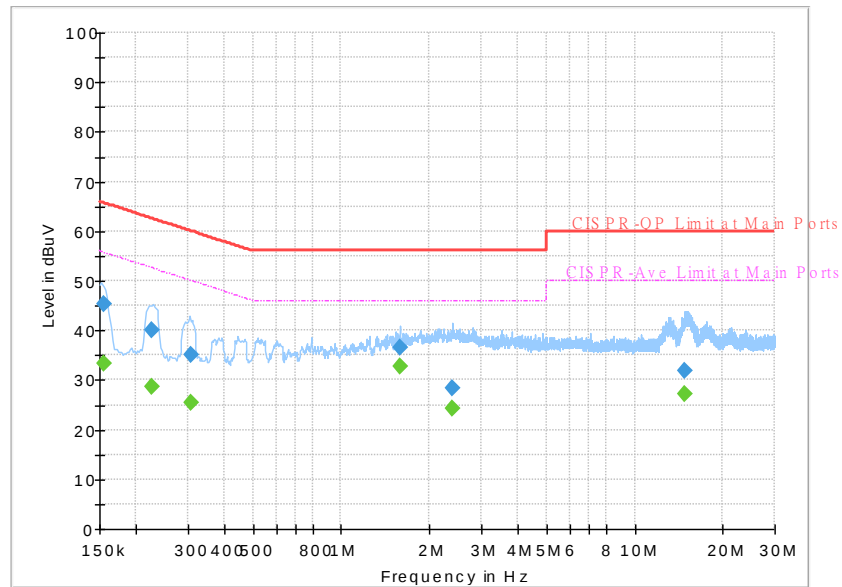


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154455	---	34.42	55.76	21.34	L1	OFF	19.5
0.154455	46.59	---	65.76	19.17	L1	OFF	19.5
0.222000	---	28.69	52.74	24.05	L1	OFF	19.5
0.222000	40.57	---	62.74	22.17	L1	OFF	19.5
0.307410	---	25.61	50.04	24.43	L1	OFF	19.5
0.307410	35.81	---	60.04	24.23	L1	OFF	19.5
0.468870	---	23.38	46.53	23.15	L1	OFF	19.5
0.468870	28.44	---	56.53	28.09	L1	OFF	19.5
1.581000	---	32.64	46.00	13.36	L1	OFF	19.6
1.581000	36.60	---	56.00	19.40	L1	OFF	19.6
15.200070	---	27.67	50.00	22.33	L1	OFF	20.1
15.200070	32.36	---	60.00	27.64	L1	OFF	20.1

Test Mode :	Mode 2	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

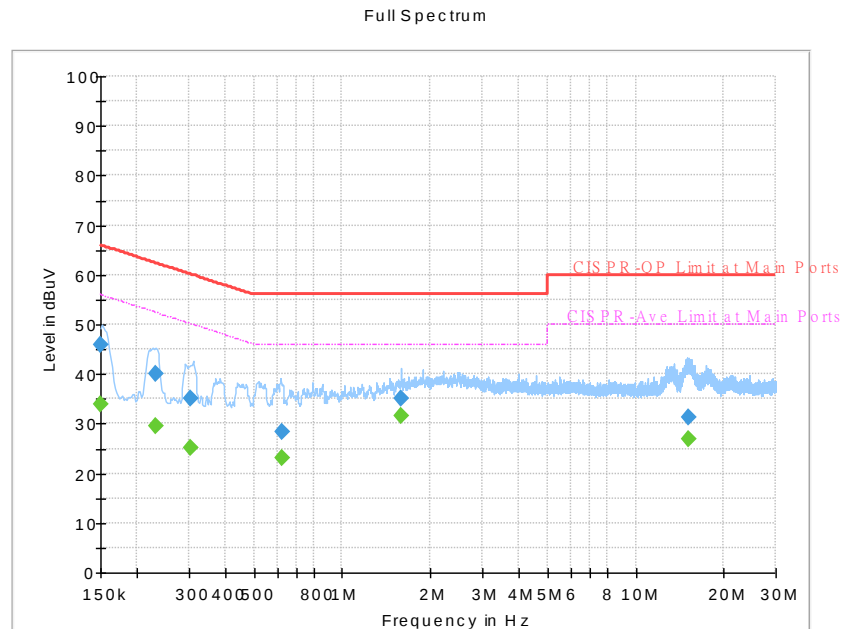
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.155198	---	33.37	55.72	22.35	N	OFF	19.5
0.155198	45.45	---	65.72	20.27	N	OFF	19.5
0.226770	---	28.70	52.57	23.87	N	OFF	19.5
0.226770	40.02	---	62.57	22.55	N	OFF	19.5
0.306150	---	25.34	50.07	24.73	N	OFF	19.5
0.306150	35.14	---	60.07	24.93	N	OFF	19.5
1.580010	---	32.79	46.00	13.21	N	OFF	19.6
1.580010	36.63	---	56.00	19.37	N	OFF	19.6
2.385240	---	24.14	46.00	21.86	N	OFF	19.6
2.385240	28.46	---	56.00	27.54	N	OFF	19.6
14.813070	---	27.20	50.00	22.80	N	OFF	20.1
14.813070	31.93	---	60.00	28.07	N	OFF	20.1

Test Mode :	Mode 3	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

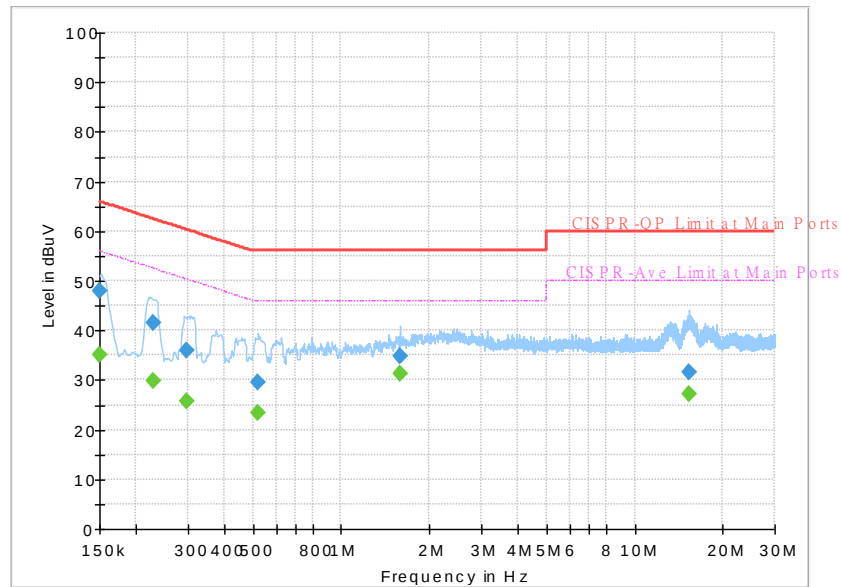


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	33.91	56.00	22.09	L1	OFF	19.5
0.150000	45.99	---	66.00	20.01	L1	OFF	19.5
0.231000	---	29.55	52.41	22.86	L1	OFF	19.5
0.231000	40.09	---	62.41	22.32	L1	OFF	19.5
0.305250	---	25.28	50.10	24.82	L1	OFF	19.5
0.305250	35.23	---	60.10	24.87	L1	OFF	19.5
0.620250	---	23.13	46.00	22.87	L1	OFF	19.5
0.620250	28.26	---	56.00	27.74	L1	OFF	19.5
1.584420	---	31.46	46.00	14.54	L1	OFF	19.6
1.584420	35.16	---	56.00	20.84	L1	OFF	19.6
15.086400	---	26.90	50.00	23.10	L1	OFF	20.0
15.086400	31.18	---	60.00	28.82	L1	OFF	20.0

Test Mode :	Mode 3	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



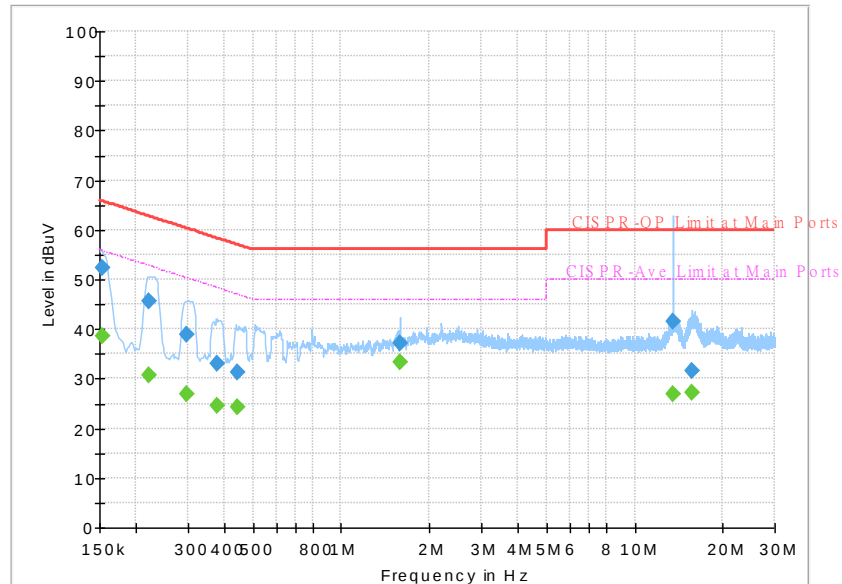
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150068	---	35.00	56.00	21.00	N	OFF	19.5
0.150068	47.82	---	66.00	18.18	N	OFF	19.5
0.228750	---	29.86	52.50	22.64	N	OFF	19.5
0.228750	41.60	---	62.50	20.90	N	OFF	19.5
0.296250	---	25.68	50.35	24.67	N	OFF	19.5
0.296250	35.99	---	60.35	24.36	N	OFF	19.5
0.516480	---	23.41	46.00	22.59	N	OFF	19.6
0.516480	29.52	---	56.00	26.48	N	OFF	19.6
1.586580	---	31.26	46.00	14.74	N	OFF	19.6
1.586580	34.93	---	56.00	21.07	N	OFF	19.6
15.312750	---	27.14	50.00	22.86	N	OFF	20.1
15.312750	31.56	---	60.00	28.44	N	OFF	20.1



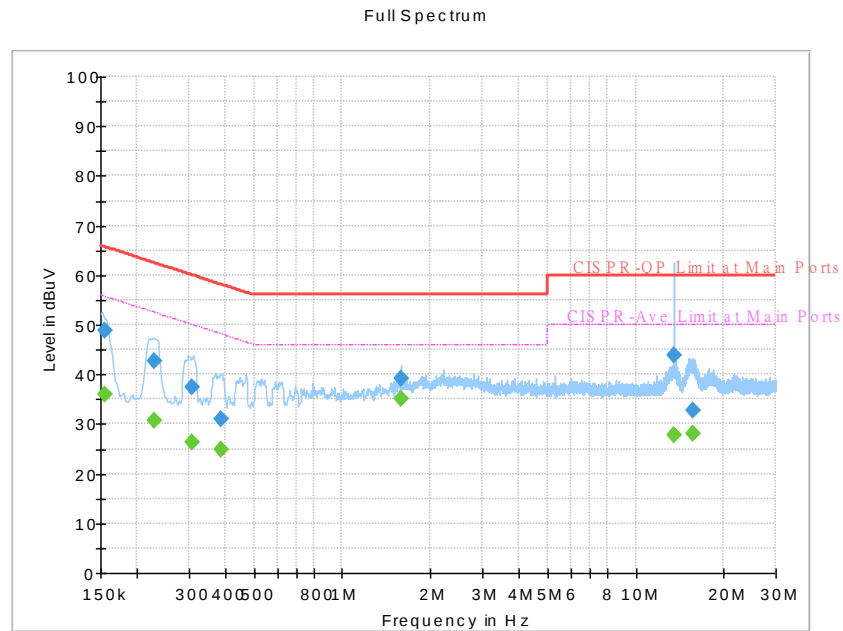
Test Mode :	Mode 4	Temperature :	21~25℃
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

**Final Result**

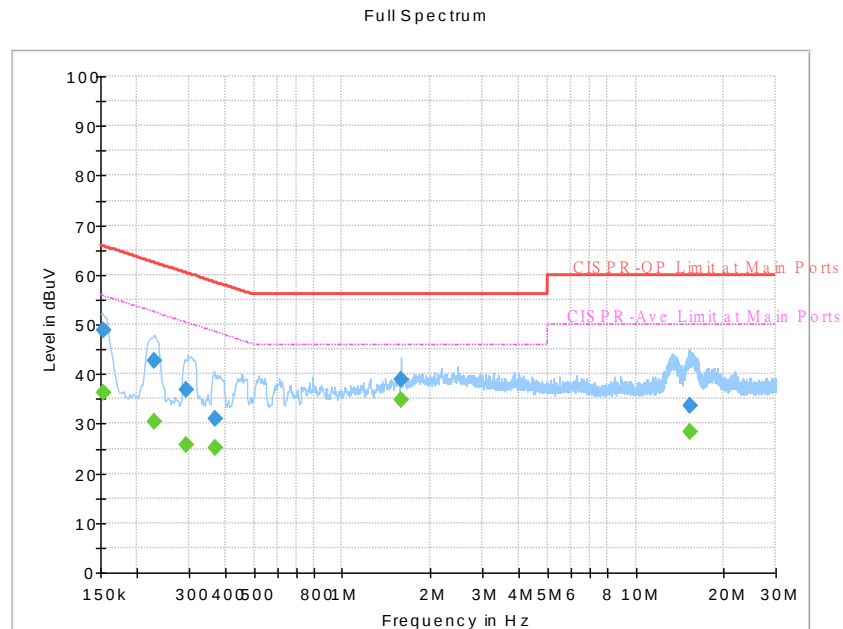
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152768	---	38.70	55.85	17.15	L1	OFF	19.5
0.152768	52.37	---	65.85	13.48	L1	OFF	19.5
0.219750	---	30.74	52.83	22.09	L1	OFF	19.5
0.219750	45.49	---	62.83	17.34	L1	OFF	19.5
0.295800	---	26.76	50.36	23.60	L1	OFF	19.5
0.295800	38.82	---	60.36	21.54	L1	OFF	19.5
0.379500	---	24.61	48.29	23.68	L1	OFF	19.5
0.379500	33.06	---	58.29	25.23	L1	OFF	19.5
0.442500	---	24.37	47.02	22.65	L1	OFF	19.5
0.442500	31.40	---	57.02	25.62	L1	OFF	19.5
1.584780	---	33.46	46.00	12.54	L1	OFF	19.6
1.584780	37.28	---	56.00	18.72	L1	OFF	19.6
13.560000	---	26.84	50.00	23.16	L1	OFF	20.0
13.560000	41.65	---	60.00	18.35	L1	OFF	20.0
15.661500	---	27.29	50.00	22.71	L1	OFF	20.1
15.661500	31.56	---	60.00	28.44	L1	OFF	20.1

Test Mode :	Mode 4	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
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)
0.154455	---	35.85	55.76	19.91	N	OFF	19.5
0.154455	48.84	---	65.76	16.92	N	OFF	19.5
0.228480	---	30.76	52.51	21.75	N	OFF	19.5
0.228480	42.65	---	62.51	19.86	N	OFF	19.5
0.307500	---	26.23	50.04	23.81	N	OFF	19.5
0.307500	37.42	---	60.04	22.62	N	OFF	19.5
0.384450	---	24.93	48.18	23.25	N	OFF	19.5
0.384450	31.08	---	58.18	27.10	N	OFF	19.5
1.585680	---	34.95	46.00	11.05	N	OFF	19.6
1.585680	39.20	---	56.00	16.80	N	OFF	19.6
13.560000	---	27.68	50.00	22.32	N	OFF	20.1
13.560000	43.76	---	60.00	16.24	N	OFF	20.1
15.596250	---	28.09	50.00	21.91	N	OFF	20.2
15.596250	32.66	---	60.00	27.34	N	OFF	20.2

Test Mode :	Mode 5	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

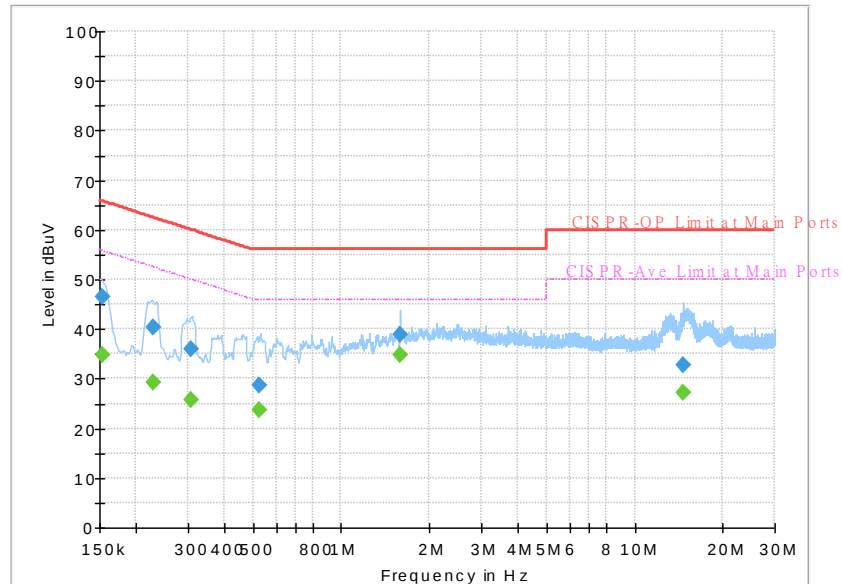


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154050	---	36.13	55.78	19.65	L1	OFF	19.5
0.154050	48.94	---	65.78	16.84	L1	OFF	19.5
0.227850	---	30.30	52.53	22.23	L1	OFF	19.5
0.227850	42.68	---	62.53	19.85	L1	OFF	19.5
0.294000	---	25.78	50.41	24.63	L1	OFF	19.5
0.294000	36.89	---	60.41	23.52	L1	OFF	19.5
0.370500	---	25.13	48.49	23.36	L1	OFF	19.5
0.370500	30.94	---	58.49	27.55	L1	OFF	19.5
1.586400	---	34.71	46.00	11.29	L1	OFF	19.6
1.586400	38.82	---	56.00	17.18	L1	OFF	19.6
15.231030	---	28.24	50.00	21.76	L1	OFF	20.1
15.231030	33.53	---	60.00	26.47	L1	OFF	20.1

Test Mode :	Mode 5	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

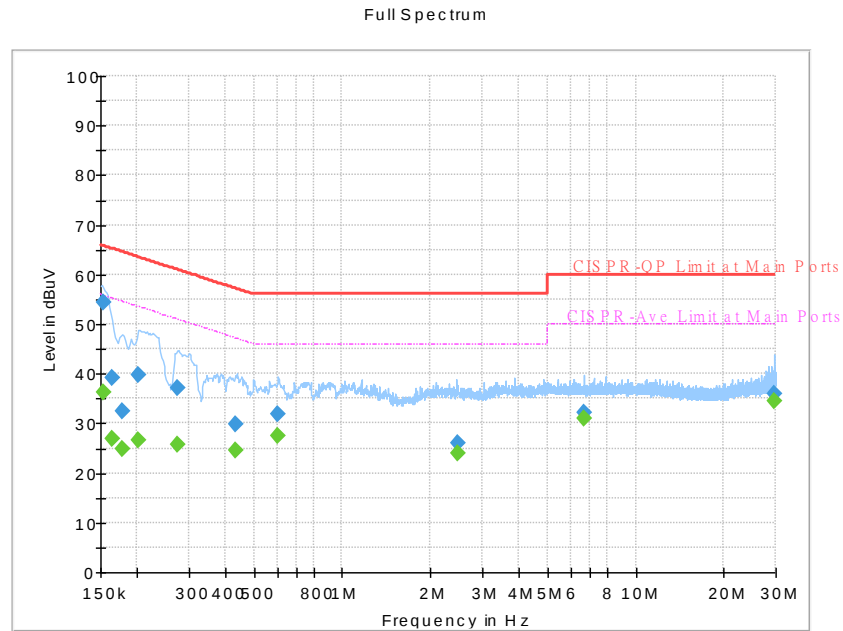
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153578	---	34.68	55.80	21.12	N	OFF	19.5
0.153578	46.53	---	65.80	19.27	N	OFF	19.5
0.228300	---	29.36	52.51	23.15	N	OFF	19.5
0.228300	40.40	---	62.51	22.11	N	OFF	19.5
0.308760	---	25.59	50.00	24.41	N	OFF	19.5
0.308760	36.05	---	60.00	23.95	N	OFF	19.5
0.525750	---	23.64	46.00	22.36	N	OFF	19.6
0.525750	28.60	---	56.00	27.40	N	OFF	19.6
1.584780	---	34.74	46.00	11.26	N	OFF	19.6
1.584780	38.94	---	56.00	17.06	N	OFF	19.6
14.574120	---	27.33	50.00	22.67	N	OFF	20.1
14.574120	32.88	---	60.00	27.12	N	OFF	20.1

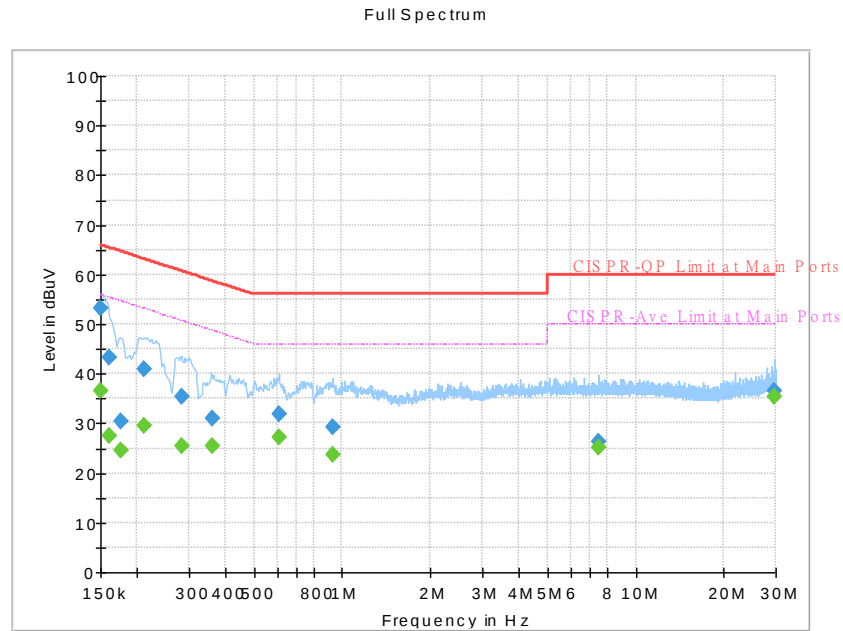
Test Mode :	Mode 6	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153915	---	36.29	55.79	19.50	L1	OFF	19.5
0.153915	54.33	---	65.79	11.46	L1	OFF	19.5
0.163500	---	26.81	55.28	28.47	L1	OFF	19.5
0.163500	39.13	---	65.28	26.15	L1	OFF	19.5
0.177450	---	24.92	54.60	29.68	L1	OFF	19.5
0.177450	32.60	---	64.60	32.00	L1	OFF	19.5
0.200940	---	26.65	53.57	26.92	L1	OFF	19.5
0.200940	39.84	---	63.57	23.73	L1	OFF	19.5
0.275280	---	25.85	50.96	25.11	L1	OFF	19.5
0.275280	37.20	---	60.96	23.76	L1	OFF	19.5
0.433500	---	24.53	47.19	22.66	L1	OFF	19.5
0.433500	29.70	---	57.19	27.49	L1	OFF	19.5
0.605400	---	27.56	46.00	18.44	L1	OFF	19.5
0.605400	32.00	---	56.00	24.00	L1	OFF	19.5
2.460750	---	23.91	46.00	22.09	L1	OFF	19.7
2.460750	26.03	---	56.00	29.97	L1	OFF	19.7
6.662580	---	31.04	50.00	18.96	L1	OFF	19.8
6.662580	32.27	---	60.00	27.73	L1	OFF	19.8
29.676030	---	34.44	50.00	15.56	L1	OFF	20.4
29.676030	35.86	---	60.00	24.14	L1	OFF	20.4

Test Mode :	Mode 6	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

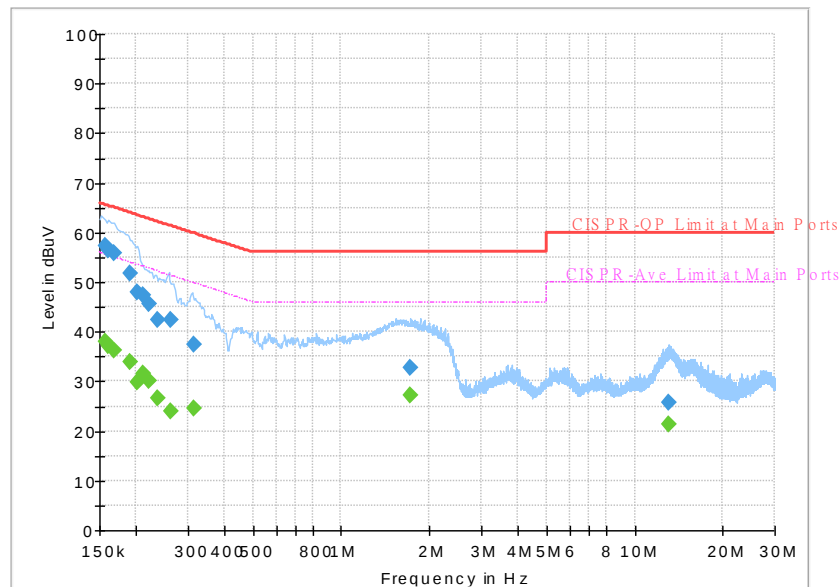


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150810	---	36.64	55.96	19.32	N	OFF	19.6
0.150810	53.24	---	65.96	12.72	N	OFF	19.6
0.161250	---	27.62	55.40	27.78	N	OFF	19.6
0.161250	43.14	---	65.40	22.26	N	OFF	19.6
0.176550	---	24.66	54.65	29.99	N	OFF	19.6
0.176550	30.45	---	64.65	34.20	N	OFF	19.6
0.210750	---	29.42	53.18	23.76	N	OFF	19.6
0.210750	40.95	---	63.18	22.23	N	OFF	19.6
0.285000	---	25.36	50.67	25.31	N	OFF	19.6
0.285000	35.42	---	60.67	25.25	N	OFF	19.6
0.361500	---	25.35	48.69	23.34	N	OFF	19.6
0.361500	31.13	---	58.69	27.56	N	OFF	19.6
0.605940	---	27.31	46.00	18.69	N	OFF	19.6
0.605940	31.79	---	56.00	24.21	N	OFF	19.6
0.924720	---	23.75	46.00	22.25	N	OFF	19.6
0.924720	29.23	---	56.00	26.77	N	OFF	19.6
7.476000	---	25.24	50.00	24.76	N	OFF	19.9
7.476000	26.34	---	60.00	33.66	N	OFF	19.9
29.679990	---	35.42	50.00	14.58	N	OFF	20.7
29.679990	36.59	---	60.00	23.41	N	OFF	20.7

Test Mode :	Mode 7	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

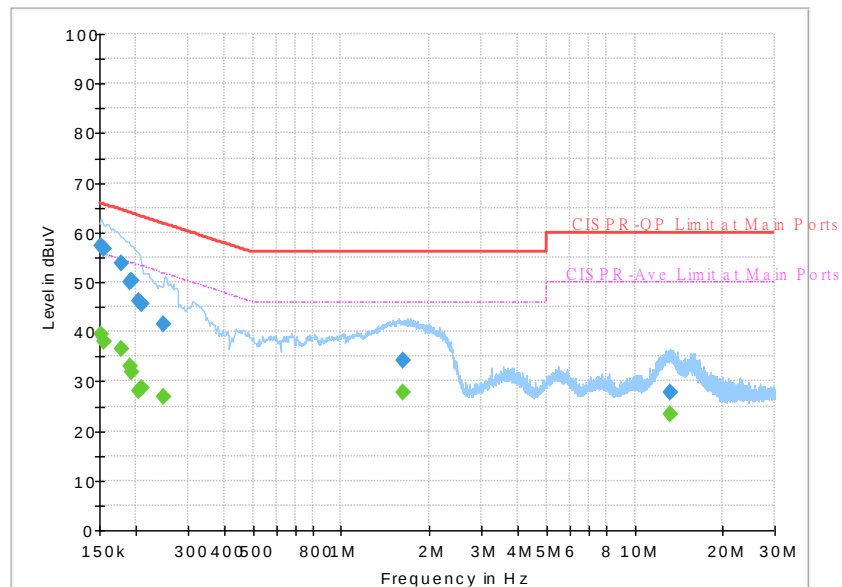


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	38.03	55.63	17.60	L1	OFF	19.5
0.156750	57.31	---	65.63	8.32	L1	OFF	19.5
0.160890	---	37.15	55.42	18.27	L1	OFF	19.5
0.160890	56.52	---	65.42	8.90	L1	OFF	19.5
0.168000	---	36.15	55.06	18.91	L1	OFF	19.5
0.168000	55.72	---	65.06	9.34	L1	OFF	19.5
0.190500	---	34.04	54.02	19.98	L1	OFF	19.5
0.190500	51.86	---	64.02	12.16	L1	OFF	19.5
0.201750	---	29.77	53.54	23.77	L1	OFF	19.5
0.201750	48.02	---	63.54	15.52	L1	OFF	19.5
0.210750	---	31.45	53.18	21.73	L1	OFF	19.5
0.210750	47.38	---	63.18	15.80	L1	OFF	19.5
0.220920	---	30.20	52.78	22.58	L1	OFF	19.5
0.220920	45.69	---	62.78	17.09	L1	OFF	19.5
0.237750	---	26.72	52.17	25.45	L1	OFF	19.5
0.237750	42.51	---	62.17	19.66	L1	OFF	19.5
0.262500	---	23.99	51.35	27.36	L1	OFF	19.5
0.262500	42.53	---	61.35	18.82	L1	OFF	19.5
0.314250	---	24.62	49.86	25.24	L1	OFF	19.5
0.314250	37.51	---	59.86	22.35	L1	OFF	19.5
1.720500	---	27.24	46.00	18.76	L1	OFF	19.6
1.720500	32.76	---	56.00	23.24	L1	OFF	19.6
13.059240	---	21.39	50.00	28.61	L1	OFF	19.7
13.059240	25.59	---	60.00	34.41	L1	OFF	19.7

Test Mode :	Mode 7	Temperature :	21~25°C
Test Engineer :	Tom Lee and Howard Huang	Relative Humidity :	41~53%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



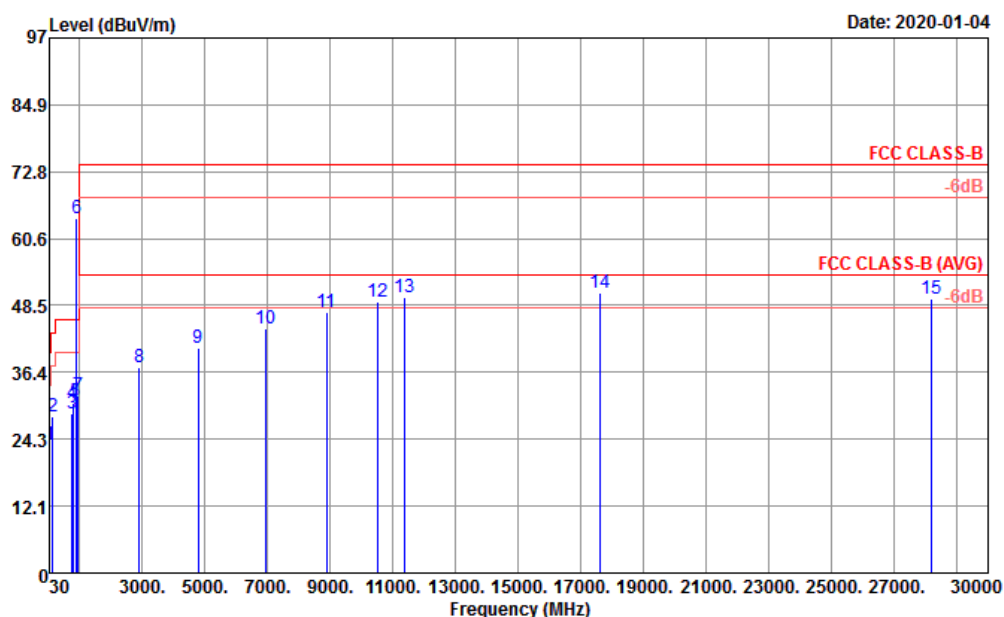
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152498	---	39.36	55.86	16.50	N	OFF	19.5
0.152498	57.39	---	65.86	8.47	N	OFF	19.5
0.154500	---	37.89	55.75	17.86	N	OFF	19.5
0.154500	56.59	---	65.75	9.16	N	OFF	19.5
0.177000	---	36.49	54.63	18.14	N	OFF	19.5
0.177000	53.78	---	64.63	10.85	N	OFF	19.5
0.190500	---	33.01	54.02	21.01	N	OFF	19.5
0.190500	50.01	---	64.02	14.01	N	OFF	19.5
0.192750	---	31.99	53.92	21.93	N	OFF	19.5
0.192750	50.20	---	63.92	13.72	N	OFF	19.5
0.204720	---	28.13	53.42	25.29	N	OFF	19.5
0.204720	46.28	---	63.42	17.14	N	OFF	19.5
0.209400	---	28.64	53.23	24.59	N	OFF	19.5
0.209400	45.67	---	63.23	17.56	N	OFF	19.5
0.246750	---	26.87	51.87	25.00	N	OFF	19.5
0.246750	41.62	---	61.87	20.25	N	OFF	19.5
1.628520	---	27.86	46.00	18.14	N	OFF	19.5
1.628520	34.31	---	56.00	21.69	N	OFF	19.5
13.200450	---	23.49	50.00	26.51	N	OFF	19.8
13.200450	27.89	---	60.00	32.11	N	OFF	19.8



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 :	#6 is system simulator signal which can be ignored.		



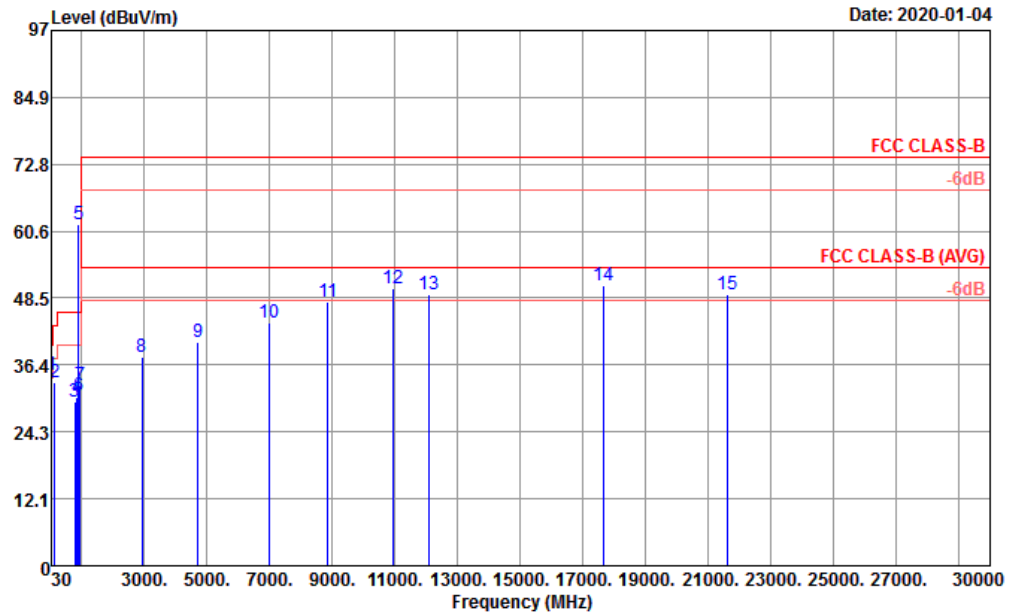
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	LimitAntenna Line 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	23.31	-16.69	40.00	25.30	29.92	0.58	32.49	---	---	Peak
2	145.43	28.35	-15.15	43.50	17.20	42.17	1.29	32.31	---	---	Peak
3	744.89	28.89	-17.11	46.00	28.20	29.99	3.01	32.31	---	---	Peak
4	781.75	30.78	-15.22	46.00	28.36	31.56	3.10	32.24	---	---	Peak
5	872.93	31.04	-14.96	46.00	29.20	30.26	3.30	31.72	---	---	Peak
6 *	893.80	64.18			28.90	63.52	3.34	31.58	---	---	Peak
7	953.44	32.13	-13.87	46.00	31.14	28.48	3.46	30.95	100	187	Peak
8	2900.00	37.36	-36.64	74.00	28.50	64.39	6.53	62.06	---	---	Peak
9	4780.00	40.72	-33.28	74.00	31.20	63.64	8.44	62.56	---	---	Peak
10	6926.00	44.25	-29.75	74.00	35.15	62.39	10.17	63.46	---	---	Peak
11	8874.00	47.31	-26.69	74.00	37.95	62.16	11.60	64.40	---	---	Peak
12	10536.00	49.11	-24.89	74.00	39.83	60.45	12.51	63.68	---	---	Peak
13	11362.00	49.99	-24.01	74.00	39.72	60.68	13.06	63.47	---	---	Peak
14	17635.00	50.67	-23.33	74.00	42.48	54.13	15.31	61.25	100	133	Peak
15	28188.00	49.82	-24.18	74.00	39.97	40.21	23.82	54.18	---	---	Peak



Mode :	Mode 1	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.		



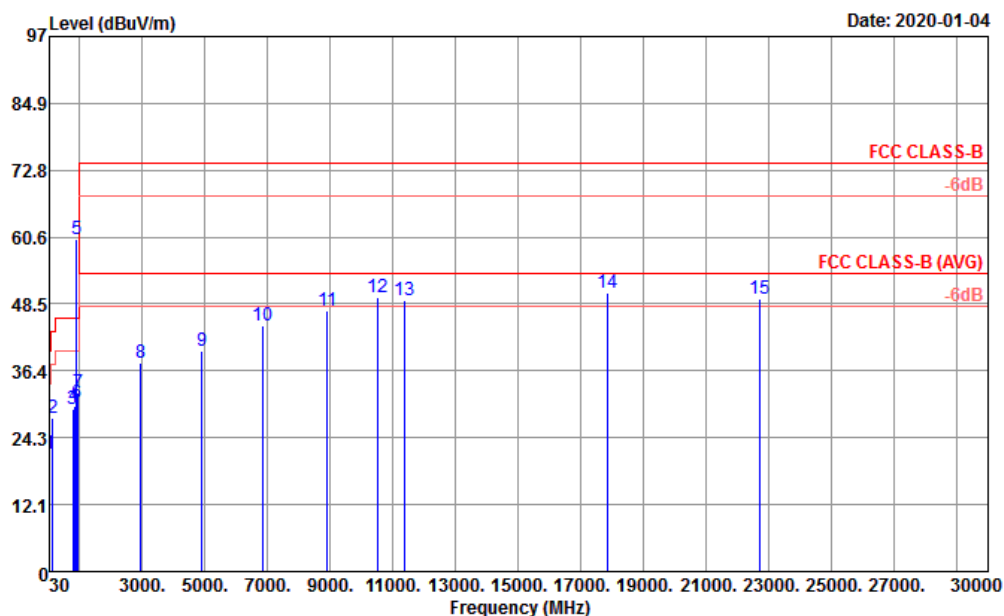
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	LimitAntenna Line 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	44.55	34.62	-5.38	40.00	17.08	49.30	0.71	32.47	100	138 Peak
2	146.40	33.17	-10.33	43.50	17.20	46.98	1.30	32.31	---	---
3	785.63	29.68	-16.32	46.00	28.30	30.51	3.11	32.24	---	---
4	845.77	30.66	-15.34	46.00	29.22	30.09	3.25	31.90	---	---
5 *	893.80	61.75			28.90	61.09	3.34	31.58	---	---
6	930.16	30.93	-15.07	46.00	29.71	29.02	3.41	31.21	---	---
7	951.50	32.70	-13.30	46.00	31.06	29.16	3.45	30.97	---	---
8	2916.00	37.77	-36.23	74.00	28.47	64.83	6.54	62.07	---	---
9	4710.00	40.40	-33.60	74.00	31.28	63.30	8.36	62.54	---	---
10	6970.00	44.15	-29.85	74.00	35.28	62.10	10.25	63.48	---	---
11	8866.00	47.93	-26.07	74.00	37.97	62.74	11.61	64.39	---	---
12	10936.00	50.30	-23.70	74.00	40.20	60.76	12.78	63.44	---	---
13	12106.00	49.05	-24.95	74.00	39.00	59.98	13.53	63.46	---	---
14	17665.00	50.82	-23.18	74.00	42.72	54.01	15.32	61.23	100	118 Peak
15	21600.00	49.22	-24.78	74.00	38.50	43.21	20.75	53.24	---	---



Mode :	Mode 2	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.		



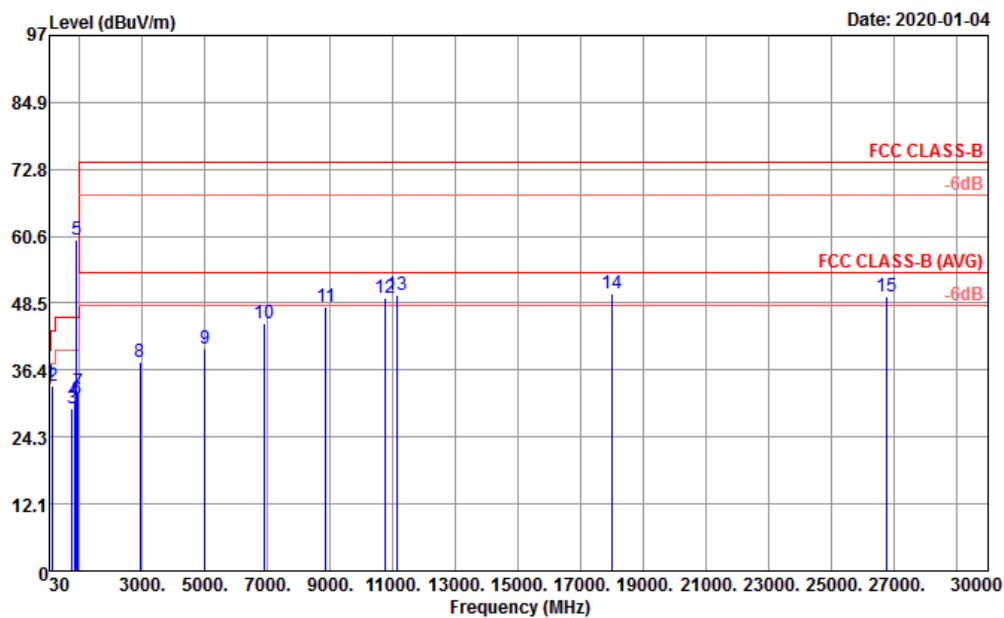
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	21.48	-18.52	40.00	25.30	28.09	0.58	32.49	---	---	Peak
2	148.34	27.91	-15.59	43.50	17.00	41.92	1.30	32.31	---	---	Peak
3	780.78	29.56	-16.44	46.00	28.38	30.33	3.09	32.24	---	---	Peak
4	838.01	30.09	-15.91	46.00	28.88	29.94	3.23	31.96	---	---	Peak
5 *	891.60	60.35			28.90	59.72	3.33	31.60	---	---	Peak
6	915.61	30.55	-15.45	46.00	29.22	29.32	3.38	31.37	---	---	Peak
7	947.62	32.29	-13.71	46.00	30.81	29.05	3.45	31.02	100	171	Peak
8	2956.00	37.79	-36.21	74.00	28.40	64.89	6.58	62.08	---	---	Peak
9	4910.00	40.11	-33.89	74.00	31.20	62.87	8.62	62.58	---	---	Peak
10	6862.00	44.59	-29.41	74.00	34.87	63.09	10.05	63.42	---	---	Peak
11	8904.00	47.22	-26.78	74.00	37.88	62.18	11.58	64.42	---	---	Peak
12	10524.00	49.72	-24.28	74.00	39.85	61.06	12.50	63.69	---	---	Peak
13	11352.00	49.26	-24.74	74.00	39.70	59.97	13.06	63.47	---	---	Peak
14	17870.00	50.62	-23.38	74.00	45.39	51.03	15.35	61.15	100	138	Peak
15	22716.00	49.56	-24.44	74.00	38.69	42.96	21.14	53.23	---	---	Peak



Mode :	Mode 2	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.		



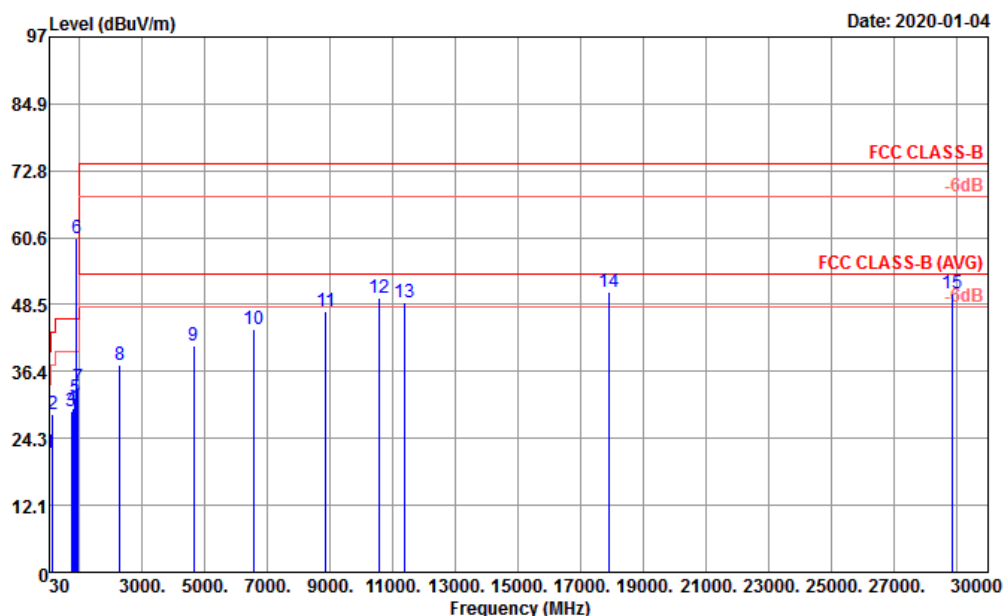
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_40G_0584 VERTICAL

	Freq	Level	Over	Limit	Antenna	Read	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Factor	Level	Loss	Factor	cm	deg	
1	44.55	34.01	-5.99	40.00	17.08	48.69	0.71	32.47	100	199	Peak
2	147.37	33.39	-10.11	43.50	17.20	47.20	1.30	32.31	---	---	Peak
3	754.59	29.44	-16.56	46.00	28.30	30.40	3.03	32.29	---	---	Peak
4	837.04	30.85	-15.15	46.00	28.82	30.76	3.23	31.96	---	---	Peak
5 *	891.60	59.86			28.90	59.23	3.33	31.60	---	---	Peak
6	925.31	31.20	-14.80	46.00	29.51	29.55	3.40	31.26	---	---	Peak
7	958.29	32.30	-13.70	46.00	31.27	28.46	3.47	30.90	---	---	Peak
8	2920.00	37.94	-36.06	74.00	28.46	65.00	6.55	62.07	---	---	Peak
9	4988.00	40.34	-33.66	74.00	31.35	62.86	8.73	62.60	---	---	Peak
10	6898.00	44.75	-29.25	74.00	35.09	62.98	10.12	63.44	---	---	Peak
11	8856.00	47.77	-26.23	74.00	37.99	62.54	11.62	64.38	---	---	Peak
12	10768.00	49.35	-24.65	74.00	40.04	60.19	12.66	63.54	---	---	Peak
13	11128.00	50.01	-23.99	74.00	39.72	60.81	12.91	63.43	---	---	Peak
14	17970.00	50.21	-23.79	74.00	47.79	48.16	15.37	61.11	100	179	Peak
15	26772.00	49.82	-24.18	74.00	39.66	40.90	22.31	53.05	---	---	Peak



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

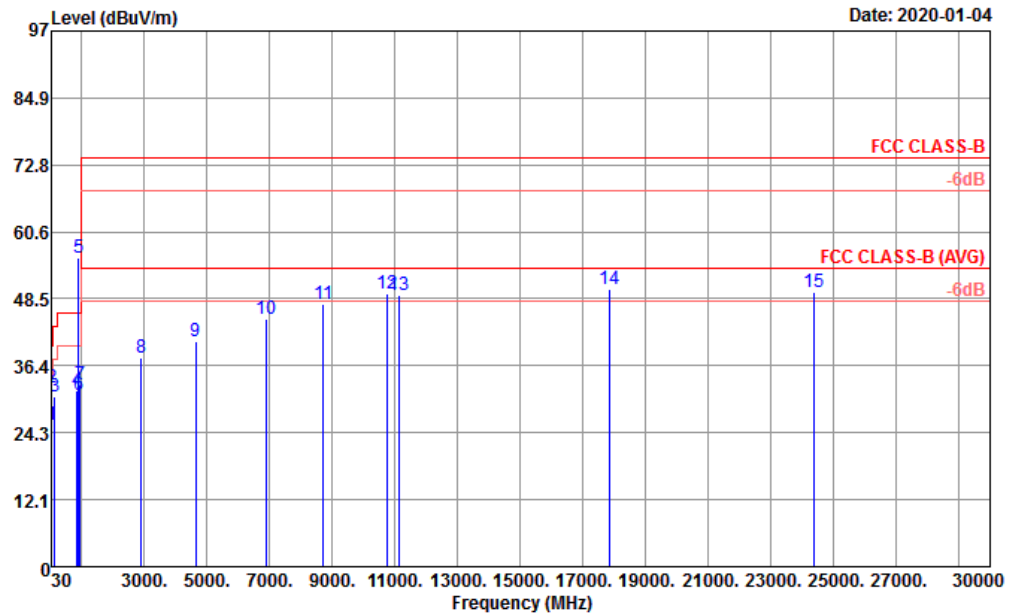


Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	21.67	-18.33	40.00	25.30	28.28	0.58	32.49	---	---	Peak
2	142.52	28.51	-14.99	43.50	17.40	42.15	1.28	32.32	---	---	Peak
3	730.34	29.29	-16.71	46.00	27.71	30.93	2.99	32.34	---	---	Peak
4	788.54	29.73	-16.27	46.00	28.30	30.55	3.11	32.23	---	---	Peak
5	846.74	31.66	-14.34	46.00	29.23	31.08	3.25	31.90	---	---	Peak
6 *	891.50	60.44			28.90	59.81	3.33	31.60	---	---	Peak
7	958.29	33.42	-12.58	46.00	31.27	29.58	3.47	30.90	100	158	Peak
8	2292.00	37.50	-36.50	74.00	27.82	65.80	5.78	61.90	---	---	Peak
9	4638.00	41.11	-32.89	74.00	31.05	64.31	8.28	62.53	---	---	Peak
10	6578.00	44.07	-29.93	74.00	34.46	62.85	10.01	63.25	---	---	Peak
11	8862.00	47.36	-26.64	74.00	37.98	62.16	11.61	64.39	---	---	Peak
12	10552.00	49.75	-24.25	74.00	39.80	61.10	12.52	63.67	---	---	Peak
13	11358.00	48.86	-25.14	74.00	39.72	59.55	13.06	63.47	---	---	Peak
14	17885.00	50.69	-23.31	74.00	45.65	50.84	15.35	61.15	100	131	Peak
15	28872.00	50.52	-23.48	74.00	40.17	40.86	24.16	54.67	---	---	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.		



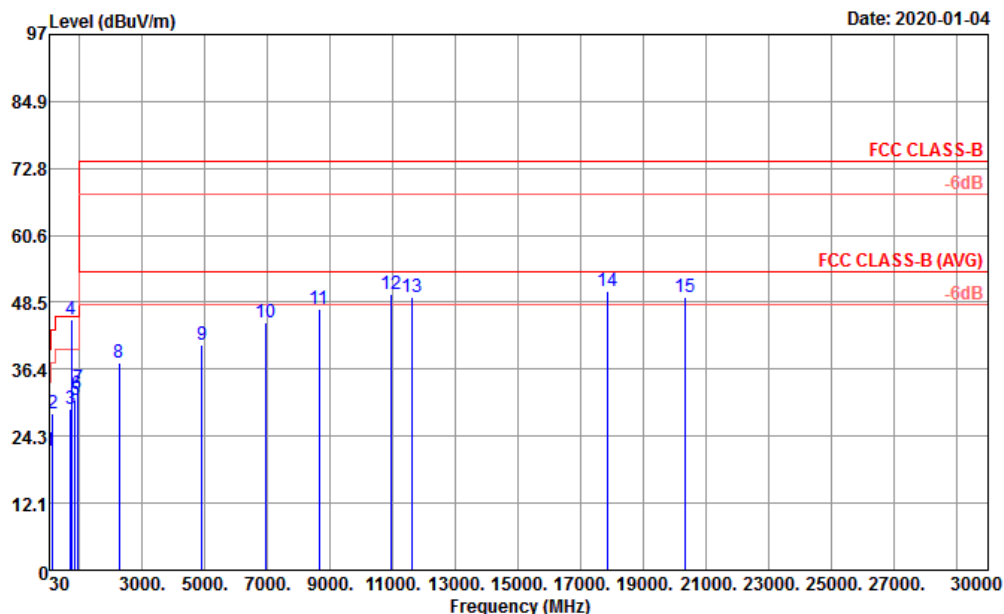
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_40G_0584 VERTICAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	25.63	-14.37	40.00	25.30	32.24	0.58	32.49	---	---	Peak
2	43.58	32.47	-7.53	40.00	17.64	46.60	0.70	32.47	100	153	Peak
3	145.43	30.79	-12.71	43.50	17.20	44.61	1.29	32.31	---	---	Peak
4	852.56	31.83	-14.17	46.00	29.30	31.13	3.26	31.86	---	---	Peak
5 *	891.50	55.99			28.90	55.36	3.33	31.60	---	---	Peak
6	917.55	31.12	-14.88	46.00	29.30	29.78	3.39	31.35	---	---	Peak
7	953.44	32.95	-13.05	46.00	31.14	29.30	3.46	30.95	---	---	Peak
8	2900.00	37.90	-36.10	74.00	28.50	64.93	6.53	62.06	---	---	Peak
9	4640.00	40.70	-33.30	74.00	31.06	63.89	8.28	62.53	---	---	Peak
10	6906.00	44.73	-29.27	74.00	35.11	62.92	10.14	63.44	---	---	Peak
11	8704.00	47.50	-26.50	74.00	37.61	62.54	11.61	64.26	---	---	Peak
12	10752.00	49.33	-24.67	74.00	39.96	60.27	12.65	63.55	---	---	Peak
13	11110.00	49.17	-24.83	74.00	39.77	59.93	12.89	63.42	---	---	Peak
14	17865.00	50.25	-23.75	74.00	45.31	50.74	15.35	61.15	100	175	Peak
15	24360.00	49.70	-24.30	74.00	40.15	41.79	21.16	53.40	---	---	Peak



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



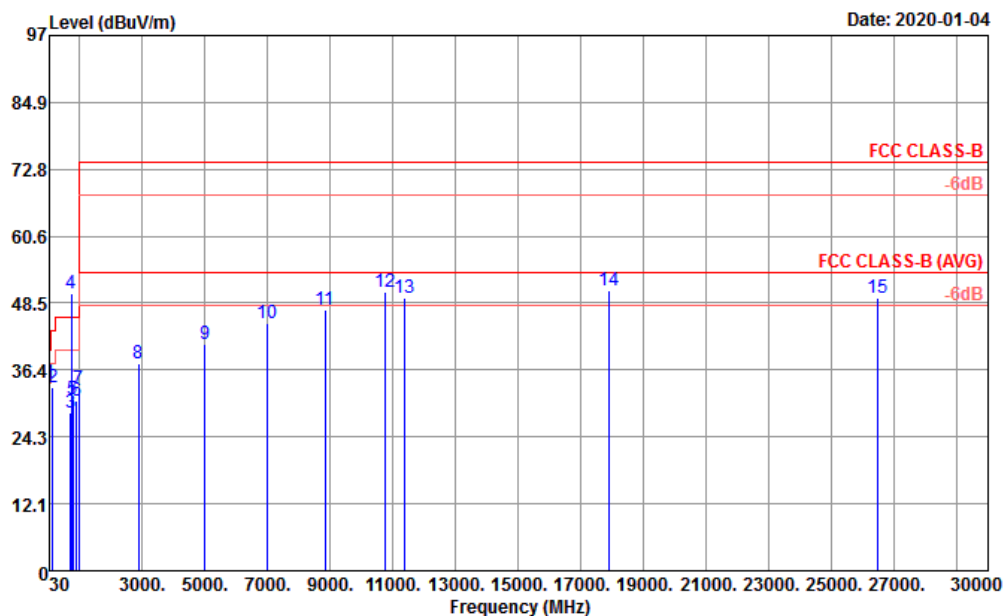
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	LimitAntenna Line	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	21.62	-18.38	40.00	25.30	28.23	0.58	32.49	---	---	Peak
2	147.37	28.48	-15.02	43.50	17.20	42.29	1.30	32.31	---	---	Peak
3	712.88	29.25	-16.75	46.00	26.82	31.84	2.96	32.37	---	---	Peak
4	731.50	45.40			27.76	46.98	2.99	32.33	---	---	Peak
5	850.62	30.69	-15.31	46.00	29.30	30.00	3.26	31.87	---	---	Peak
6	920.46	31.83	-14.17	46.00	29.41	30.34	3.39	31.31	---	---	Peak
7	953.44	32.87	-13.13	46.00	31.14	29.22	3.46	30.95	100	133	Peak
8	2246.00	37.64	-36.36	74.00	27.91	65.92	5.71	61.90	---	---	Peak
9	4910.00	40.83	-33.17	74.00	31.20	63.59	8.62	62.58	---	---	Peak
10	6926.00	44.75	-29.25	74.00	35.15	62.89	10.17	63.46	---	---	Peak
11	8648.00	47.21	-26.79	74.00	37.50	62.35	11.58	64.22	---	---	Peak
12	10954.00	50.04	-23.96	74.00	40.20	60.48	12.79	63.43	---	---	Peak
13	11592.00	49.48	-24.52	74.00	39.62	60.14	13.22	63.50	---	---	Peak
14	17870.00	50.39	-23.61	74.00	45.39	50.80	15.35	61.15	100	161	Peak
15	20340.00	49.54	-24.46	74.00	37.70	45.62	19.48	53.26	---	---	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.		



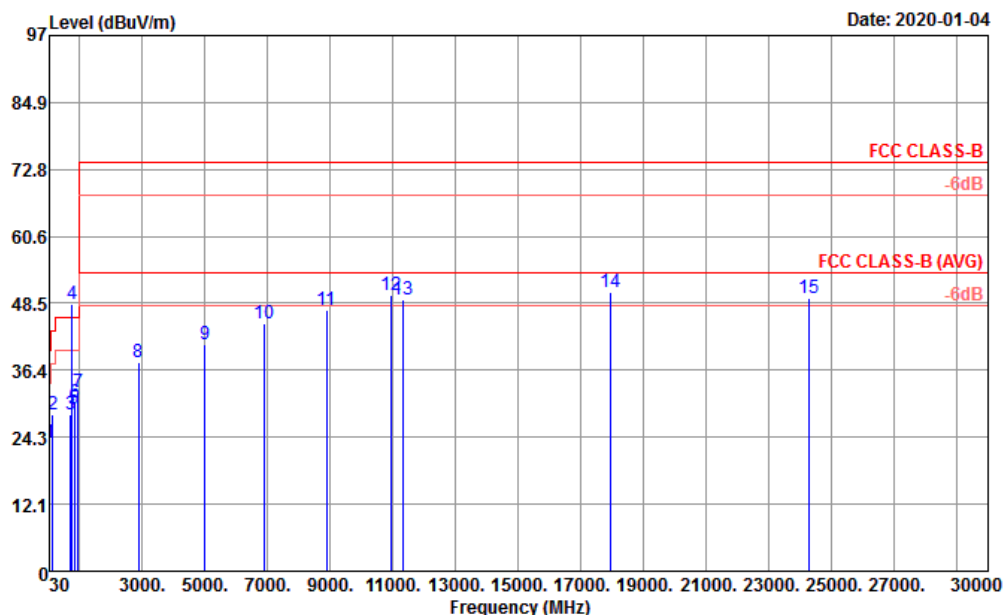
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	44.55	34.12	-5.88	40.00	17.08	48.80	0.71	32.47	100	188	Peak
2	146.40	33.23	-10.27	43.50	17.20	47.04	1.30	32.31	---	---	Peak
3	718.70	28.67	-17.33	46.00	27.05	31.01	2.97	32.36	---	---	Peak
4 *	731.50	50.31			27.76	51.89	2.99	32.33	---	---	Peak
5	771.08	30.94	-15.06	46.00	28.32	31.81	3.07	32.26	---	---	Peak
6	903.97	30.82	-15.18	46.00	28.98	29.98	3.36	31.50	---	---	Peak
7	959.26	32.83	-13.17	46.00	31.29	28.96	3.47	30.89	---	---	Peak
8	2886.00	37.59	-36.41	74.00	28.44	64.69	6.51	62.05	---	---	Peak
9	4998.00	40.94	-33.06	74.00	31.39	63.40	8.75	62.60	---	---	Peak
10	6966.00	44.82	-29.18	74.00	35.26	62.79	10.25	63.48	---	---	Peak
11	8836.00	47.30	-26.70	74.00	38.00	62.04	11.63	64.37	---	---	Peak
12	10740.00	50.58	-23.42	74.00	39.90	61.59	12.65	63.56	---	---	Peak
13	11358.00	49.34	-24.66	74.00	39.72	60.03	13.06	63.47	---	---	Peak
14	17875.00	50.76	-23.24	74.00	45.48	51.08	15.35	61.15	100	104	Peak
15	26484.00	49.36	-24.64	74.00	39.60	40.79	21.98	53.01	---	---	Peak



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



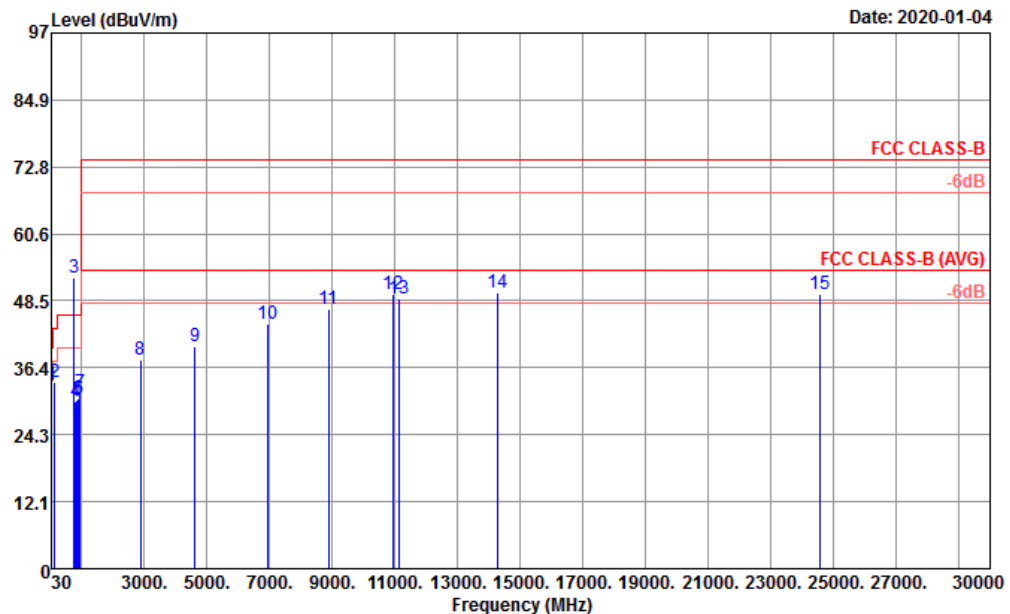
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	LimitAntenna Line	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	23.31	-16.69	40.00	24.81	30.39	0.59	32.48	---	---	Peak
2	147.37	28.27	-15.23	43.50	17.20	42.08	1.30	32.31	---	---	Peak
3	720.64	28.45	-17.55	46.00	27.14	30.69	2.97	32.35	---	---	Peak
4 *	751.00	48.32			28.30	49.30	3.02	32.30	---	---	Peak
5	823.46	29.38	-16.62	46.00	28.17	30.06	3.20	32.05	---	---	Peak
6	862.26	30.62	-15.38	46.00	29.20	29.93	3.28	31.79	---	---	Peak
7	951.50	32.34	-13.66	46.00	31.06	28.80	3.45	30.97	100	166	Peak
8	2886.00	37.83	-36.17	74.00	28.44	64.93	6.51	62.05	---	---	Peak
9	5000.00	41.20	-32.80	74.00	31.40	63.65	8.75	62.60	---	---	Peak
10	6898.00	44.84	-29.16	74.00	35.09	63.07	10.12	63.44	---	---	Peak
11	8884.00	47.19	-26.81	74.00	37.93	62.07	11.60	64.41	---	---	Peak
12	10944.00	50.04	-23.96	74.00	40.20	60.49	12.78	63.43	---	---	Peak
13	11336.00	49.23	-24.77	74.00	39.67	59.98	13.05	63.47	---	---	Peak
14	17940.00	50.51	-23.49	74.00	46.98	49.29	15.36	61.12	100	149	Peak
15	24288.00	49.52	-24.48	74.00	40.03	41.74	21.15	53.40	---	---	Peak



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



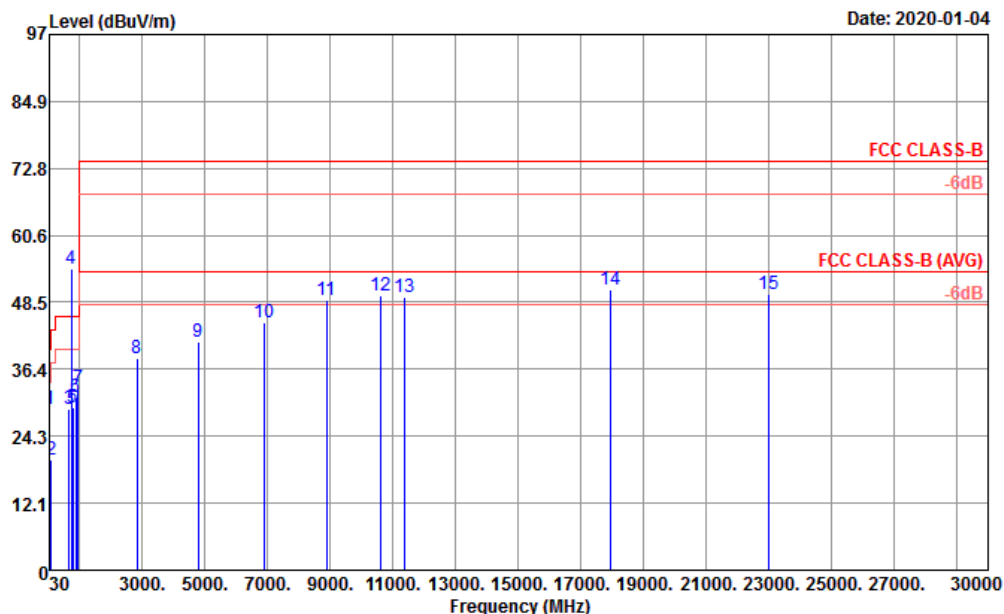
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	44.55	33.29	-6.71	40.00	17.08	47.97	0.71	32.47	100	171	Peak
2	147.37	33.65	-9.85	43.50	17.20	47.46	1.30	32.31	---	---	Peak
3 *	751.00	52.61			28.30	53.59	3.02	32.30	---	---	Peak
4	802.12	30.15	-15.85	46.00	28.20	31.00	3.15	32.20	---	---	Peak
5	853.53	30.64	-15.36	46.00	29.30	29.92	3.27	31.85	---	---	Peak
6	894.27	30.76	-15.24	46.00	28.90	30.10	3.34	31.58	---	---	Peak
7	946.65	31.90	-14.10	46.00	30.73	28.76	3.44	31.03	---	---	Peak
8	2884.00	37.78	-36.22	74.00	28.44	64.88	6.51	62.05	---	---	Peak
9	4616.00	40.18	-33.82	74.00	30.96	63.48	8.26	62.52	---	---	Peak
10	6950.00	44.29	-29.71	74.00	35.20	62.34	10.22	63.47	---	---	Peak
11	8870.00	47.12	-26.88	74.00	37.96	61.95	11.61	64.40	---	---	Peak
12	10964.00	49.59	-24.41	74.00	40.20	60.01	12.80	63.42	---	---	Peak
13	11124.00	48.94	-25.06	74.00	39.73	59.73	12.90	63.42	---	---	Peak
14	14255.00	50.01	-23.99	74.00	41.47	56.47	14.37	62.30	100	199	Peak
15	24552.00	49.72	-24.28	74.00	40.39	41.54	21.19	53.40	---	---	Peak



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



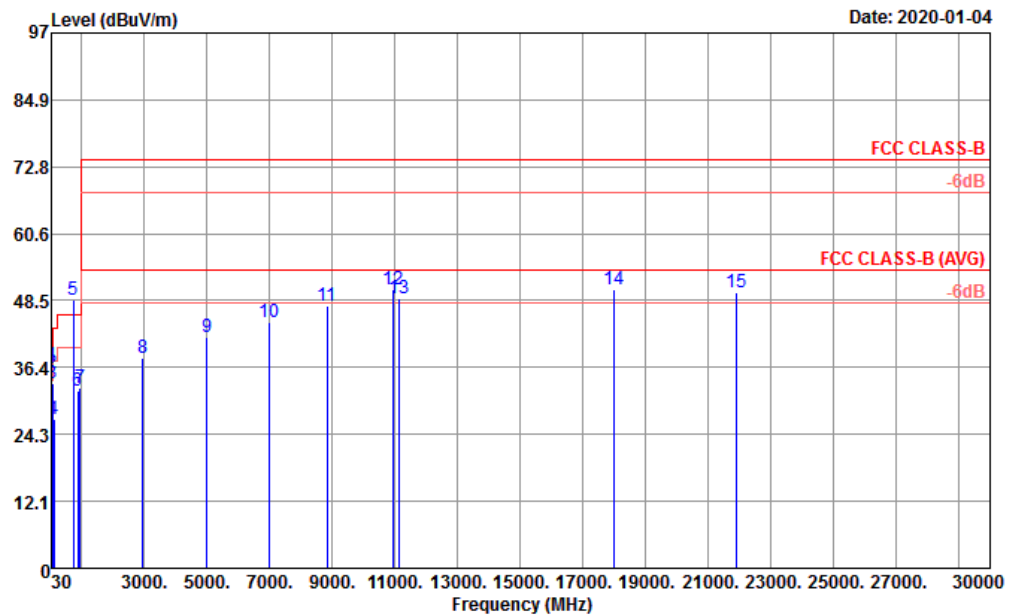
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	LimitAntenna Line 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	29.29	-10.71	40.00	25.30	35.90	0.58	32.49	100	171 Peak
2	82.38	19.99	-20.01	40.00	13.78	37.65	0.96	32.40	---	---
3	664.38	29.17	-16.83	46.00	26.50	32.25	2.86	32.44	---	---
4 *	736.50	54.52			27.96	55.88	3.00	32.32	---	---
5	791.45	29.54	-16.46	46.00	28.30	30.35	3.12	32.23	---	---
6	871.96	31.43	-14.57	46.00	29.20	30.66	3.30	31.73	---	---
7	949.56	32.95	-13.05	46.00	30.96	29.53	3.45	30.99	---	---
8	2826.00	38.30	-35.70	74.00	28.20	65.68	6.45	62.03	---	---
9	4780.00	41.47	-32.53	74.00	31.20	64.39	8.44	62.56	---	---
10	6884.00	44.93	-29.07	74.00	35.00	63.26	10.10	63.43	---	---
11	8876.00	48.83	-25.17	74.00	37.95	63.68	11.60	64.40	---	---
12	10594.00	49.77	-24.23	74.00	39.71	61.15	12.55	63.64	---	---
13	11382.00	49.38	-24.62	74.00	39.76	60.02	13.08	63.48	---	---
14	17945.00	50.84	-23.16	74.00	47.12	49.48	15.36	61.12	100	116 Peak
15	23004.00	50.11	-23.89	74.00	39.10	43.28	21.13	53.40	---	---



Mode :	Mode 6	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.		



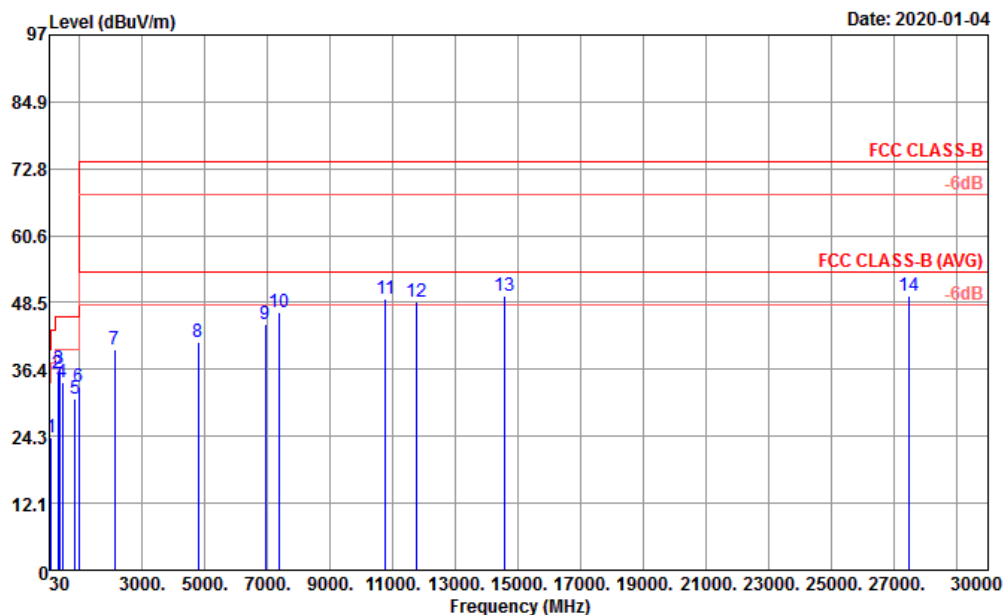
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 VERTICAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	36.68	-3.32	40.00	25.30	43.29	0.58	32.49	100	20	QP
2	38.73	35.30	-4.70	40.00	20.43	46.69	0.66	32.48	---	---	Peak
3	64.92	33.62	-6.38	40.00	12.01	53.20	0.85	32.44	---	---	Peak
4	120.21	27.07	-16.43	43.50	17.40	40.84	1.17	32.34	---	---	Peak
5 *	736.50	48.67			27.96	50.03	3.00	32.32	---	---	Peak
6	887.48	32.27	-13.73	46.00	28.95	31.61	3.33	31.62	---	---	Peak
7	958.29	32.74	-13.26	46.00	31.27	28.90	3.47	30.90	---	---	Peak
8	2950.00	38.12	-35.88	74.00	28.40	65.22	6.58	62.08	---	---	Peak
9	4986.00	41.89	-32.11	74.00	31.34	64.42	8.73	62.60	---	---	Peak
10	6994.00	44.63	-29.37	74.00	35.38	62.45	10.30	63.50	---	---	Peak
11	8844.00	47.50	-26.50	74.00	38.00	62.25	11.63	64.38	---	---	Peak
12	10956.00	50.46	-23.54	74.00	40.20	60.90	12.79	63.43	100	154	Peak
13	11140.00	48.99	-25.01	74.00	39.68	59.83	12.91	63.43	---	---	Peak
14	17980.00	50.45	-23.55	74.00	48.06	48.13	15.37	61.11	---	---	Peak
15	21912.00	49.86	-24.14	74.00	38.50	43.34	21.07	53.05	---	---	Peak



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



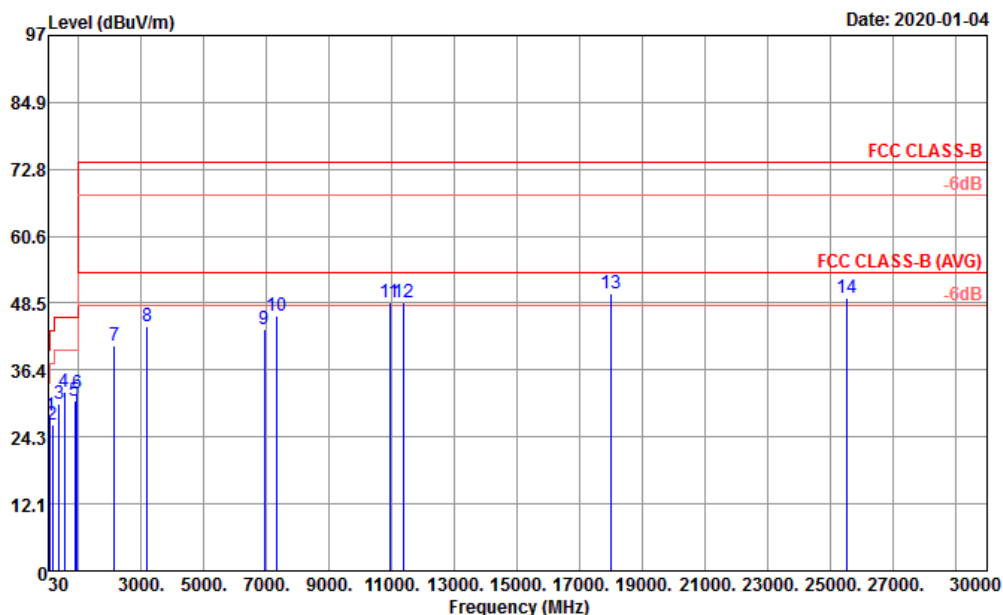
Site : 03CH10-HY

Condition : FCC CLASS-B 3m HORN_9170_406_0584 HORIZONTAL

	Freq	Level	Over Limit	Limit	Antenna Line 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	86.26	24.05	-15.95	40.00	14.25	41.20	0.99	32.39	---	---	Peak
2	310.33	35.55	-10.45	46.00	19.31	46.50	1.91	32.17	---	---	Peak
3	359.80	36.42	-9.58	46.00	20.69	45.90	2.07	32.24	100	158	Peak
4	450.98	34.12	-11.88	46.00	23.02	41.12	2.33	32.35	---	---	Peak
5	854.50	31.09	-14.91	46.00	29.30	30.36	3.27	31.84	---	---	Peak
6	959.26	33.25	-12.75	46.00	31.29	29.38	3.47	30.89	---	---	Peak
7	2126.00	39.93	-34.07	74.00	27.26	69.04	5.53	61.90	---	---	Peak
8	4780.00	41.25	-32.75	74.00	31.20	64.17	8.44	62.56	---	---	Peak
9	6930.00	44.58	-29.42	74.00	35.16	62.70	10.18	63.46	---	---	Peak
10	7378.00	46.64	-27.36	74.00	36.54	62.69	10.99	63.58	---	---	Peak
11	10754.00	49.16	-24.84	74.00	39.97	60.08	12.66	63.55	---	---	Peak
12	11760.00	48.55	-25.45	74.00	38.92	59.80	13.33	63.50	---	---	Peak
13	14570.00	49.65	-24.35	74.00	41.56	55.86	14.50	62.27	100	135	Peak
14	27456.00	49.62	-24.38	74.00	39.52	40.46	23.10	53.46	---	---	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	Antenna Line Factor	Read Level	Cable Loss	Preamplifier	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1	83.35	28.01	-11.99	40.00	13.94	45.50	0.97	32.40	100	199	Peak
2	161.92	26.53	-16.97	43.50	16.31	41.16	1.36	32.30	---	---	Peak
3	378.23	30.22	-15.78	46.00	21.03	39.33	2.12	32.26	---	---	Peak
4	531.49	32.29	-13.71	46.00	24.00	38.20	2.54	32.45	---	---	Peak
5	870.99	30.73	-15.27	46.00	29.20	29.96	3.30	31.73	---	---	Peak
6	941.80	32.27	-13.73	46.00	30.41	29.51	3.43	31.08	---	---	Peak
7	2132.00	40.68	-33.32	74.00	27.35	69.70	5.53	61.90	---	---	Peak
8	3188.00	44.43	-29.57	74.00	28.82	70.90	6.85	62.14	---	---	Peak
9	6926.00	43.80	-30.20	74.00	35.15	61.94	10.17	63.46	---	---	Peak
10	7318.00	46.26	-27.74	74.00	36.60	62.35	10.87	63.56	---	---	Peak
11	10934.00	48.75	-25.25	74.00	40.20	59.21	12.78	63.44	---	---	Peak
12	11362.00	48.73	-25.27	74.00	39.72	59.42	13.06	63.47	---	---	Peak
13	17975.00	50.24	-23.76	74.00	47.92	48.06	15.37	61.11	100	176	Peak
14	25536.00	49.35	-24.65	74.00	39.42	42.07	21.35	53.49	---	---	Peak

————THE END————