



# FCC EMI TEST REPORT

**FCC ID** : 2AU20-JT8500D-8500H  
**Equipment** : LTE-A Pro CAT15 B48 Outdoor CPE  
**Brand Name** : JATONTECH/BROADBANDEVOLUTION  
**Model Name** : JT8500D/JT8500H/BE8500D/BE8500H  
**Applicant** : Jaton Technology Limited  
FLAT/RM B 5/F GAYLORD COMMERCIAL  
BUILDING 114-118 LOCKHART ROAD HK  
**Manufacturer** : Jaton Technology Limited  
FLAT/RM B 5/F GAYLORD COMMERCIAL  
BUILDING 114-118 LOCKHART ROAD HK  
**Standard** : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Jan. 20, 2020 and testing was started from May 20, 2020 and completed on May 22, 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 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

<b>History of this test report.....</b>	<b>3</b>
<b>Summary of Test Result.....</b>	<b>4</b>
<b>1. General Description .....</b>	<b>5</b>
1.1. Product Feature of Equipment Under Test .....	5
1.2. Modification of EUT .....	5
1.3. Test Location .....	5
1.4. Applicable Standards .....	5
<b>2. Test Configuration of Equipment Under Test .....</b>	<b>6</b>
2.1. Test Mode .....	6
2.2. Connection Diagram of Test System .....	6
2.3. Support Unit used in test configuration and system .....	7
2.4. EUT Operation Test Setup .....	7
<b>3. Test Result .....</b>	<b>8</b>
3.1. Test of AC Conducted Emission Measurement .....	8
3.2. Test of Radiated Emission Measurement .....	10
<b>4. List of Measuring Equipment.....</b>	<b>12</b>
<b>5. Uncertainty of Evaluation .....</b>	<b>13</b>
<b>Appendix A. AC Conducted Emission Test Result</b>	
<b>Appendix B. Radiated Emission Test Result</b>	
<b>Appendix C. Setup Photographs</b>	



## History of this test report

Report No.	Version	Description	Issued Date
FC011544	01	Initial issue of report	Aug. 26, 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 3.94 dB at 0.474 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 7.43 dB at 46.470 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:** Cindy Liu

## 1. General Description

### 1.1. Product Feature of Equipment Under Test

LTE

Product Specification subjective to this standard	
Sample 1	JT8500H
Sample 2	JT8500D
Antenna Type	WWAN: <Ant. 1>: Fixed Internal Antenna <Ant. 2>: Fixed Internal Antenna

### 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	03CH06-HY

FCC designation No.: TW1093

### 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 Class 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

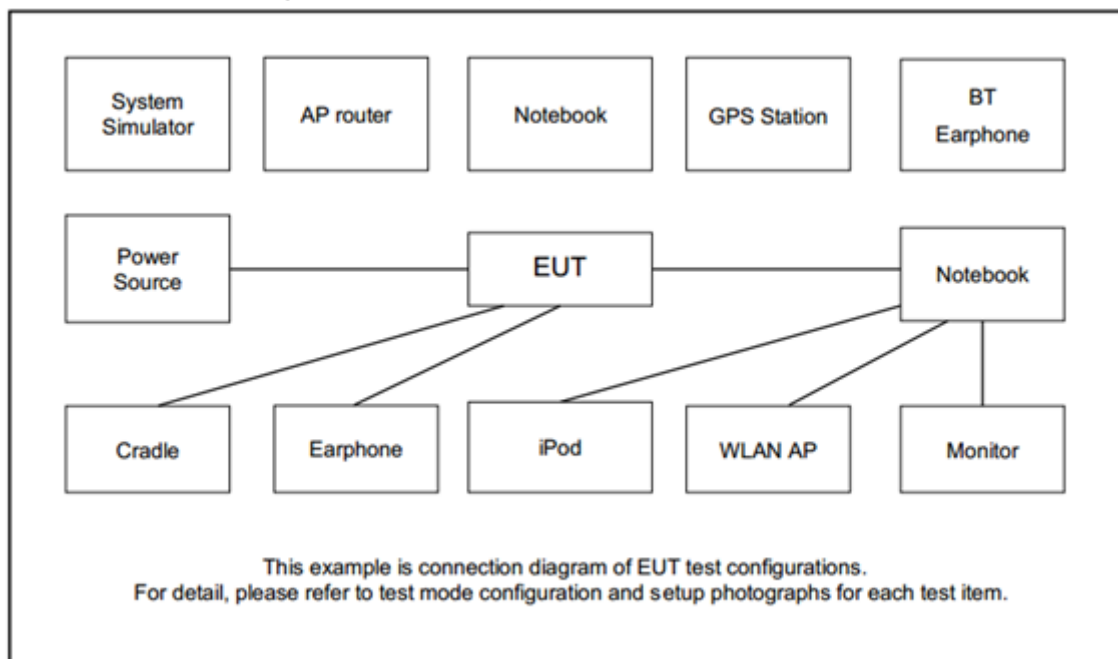
### 2.1. Test Mode

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).

Test Items	Function Type
<b>AC Conducted Emission</b>	Mode 1: LTE Band 48 Idle + RJ-45 Link + POE for Sample 1 Mode 2: LTE Band 48 Idle + RJ-45 Link + POE for Sample 2
<b>Radiated Emissions</b>	Mode 1: LTE Band 48 Idle + RJ-45 Link + POE for Sample 1 Mode 2: LTE Band 48 Idle + RJ-45 Link + POE for Sample 2

### 2.2. Connection Diagram of Test System



### 2.3. Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	ASUS	P2430U	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

### 2.4. EUT Operation Test Setup

The EUT was in 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.

1. EUT links with Notebook and executes ping via RJ-45.

### 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.

<Class B>

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

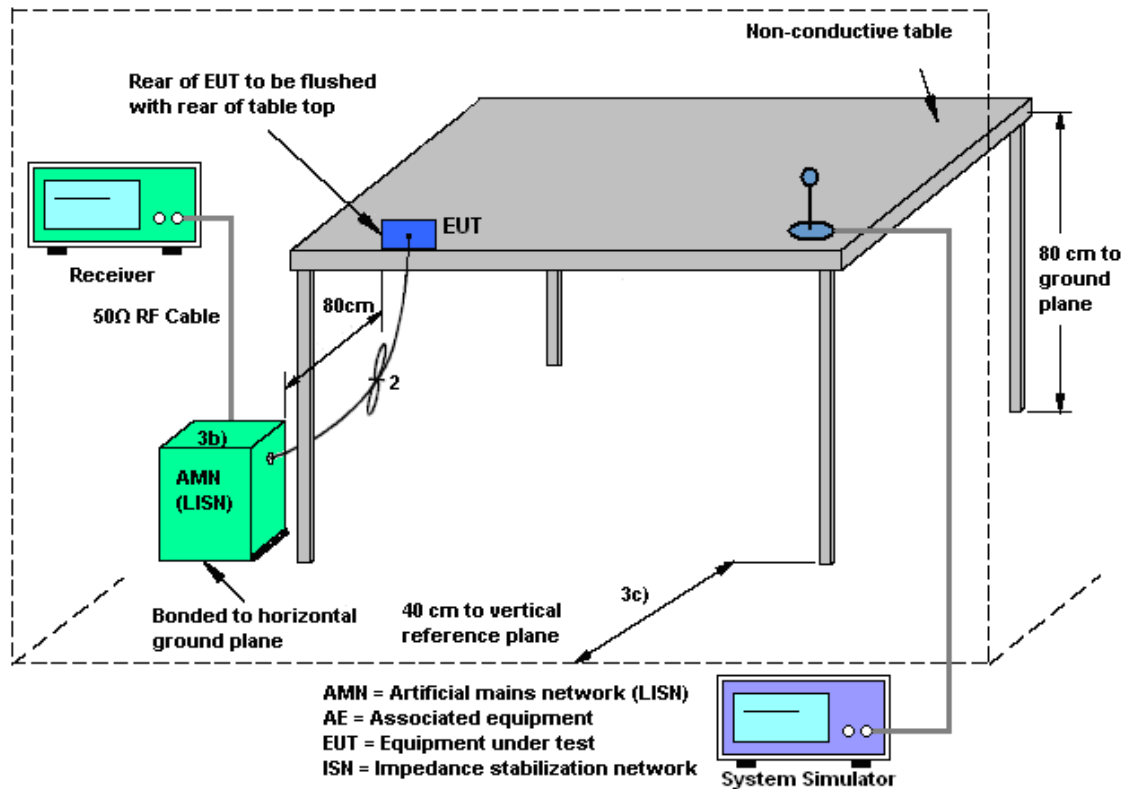
Refer a test equipment and calibration data table in this test report.

##### 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:

<Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

### 3.2.2. Measuring Instruments

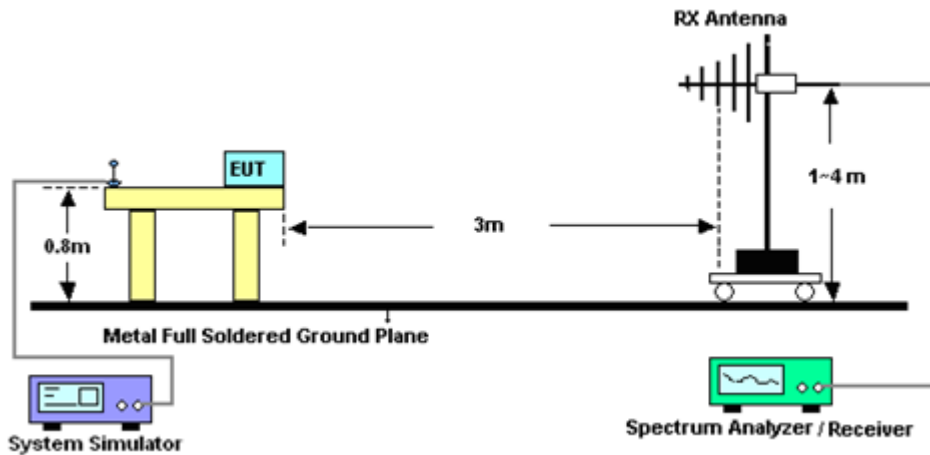
Refer a test equipment and calibration data table in this test report.

### 3.2.3. Test Procedures

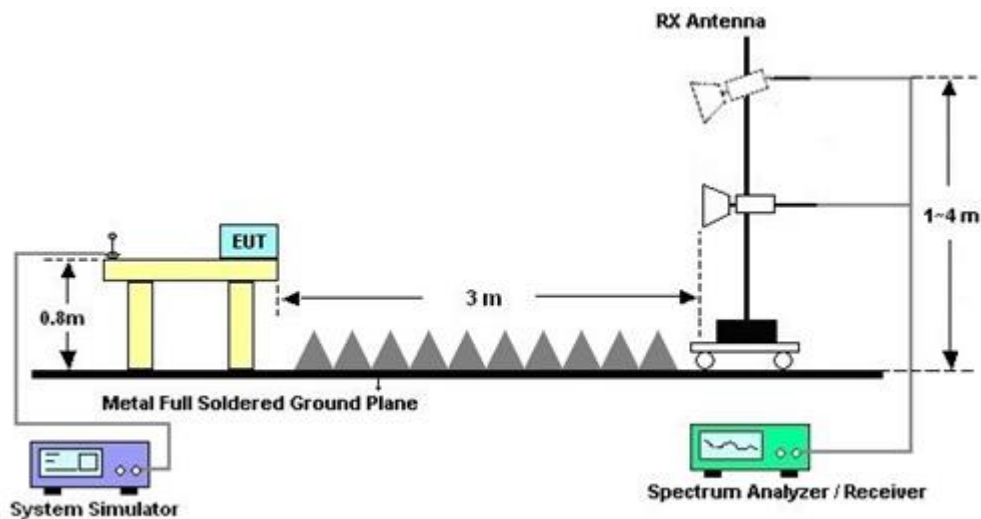
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
8. Emission level (dBμV/m) = 20 log Emission level (μV/m)
9. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

### 3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



### 3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.



## 4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 22, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	May 22, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	May 22, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	May 22, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 22, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	May 22, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	May 22, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Amplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 30, 2020	May 20, 2020	Apr. 29, 2021	Radiation (03CH06-HY)
Bilog Antenna	Schaffner	CBL 6111C & N-6-06	2725 & AT-N0601	30MHz~1GHz	Jan. 09, 2020	May 20, 2020	Jan. 08, 2021	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 10, 2020	May 20, 2020	Jan. 09, 2021	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 30, 2019	May 20, 2020	Aug. 29, 2020	Radiation (03CH06-HY)
Preamplifier	MITEQ	00101800-30-10P	1850117	1GHz~18GHz	May 23, 2019	May 20, 2020	May 22, 2020	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / STORM/LL142	MY24966/4 / 00100A1O2A1 78T	30MHz~26GHz	Nov. 21, 2019	May 20, 2020	Nov. 20, 2020	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	May 20, 2020	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	May 20, 2020	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	May 20, 2020	N/A	Radiation (03CH06-HY)
Software	Audix	E3 6.2009-8-24(k5)	N/A	N/A	N/A	May 20, 2020	N/A	Radiation (03CH06-HY)

## 5. Uncertainty of Evaluation

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.3
--	-----

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.3
--	-----

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

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



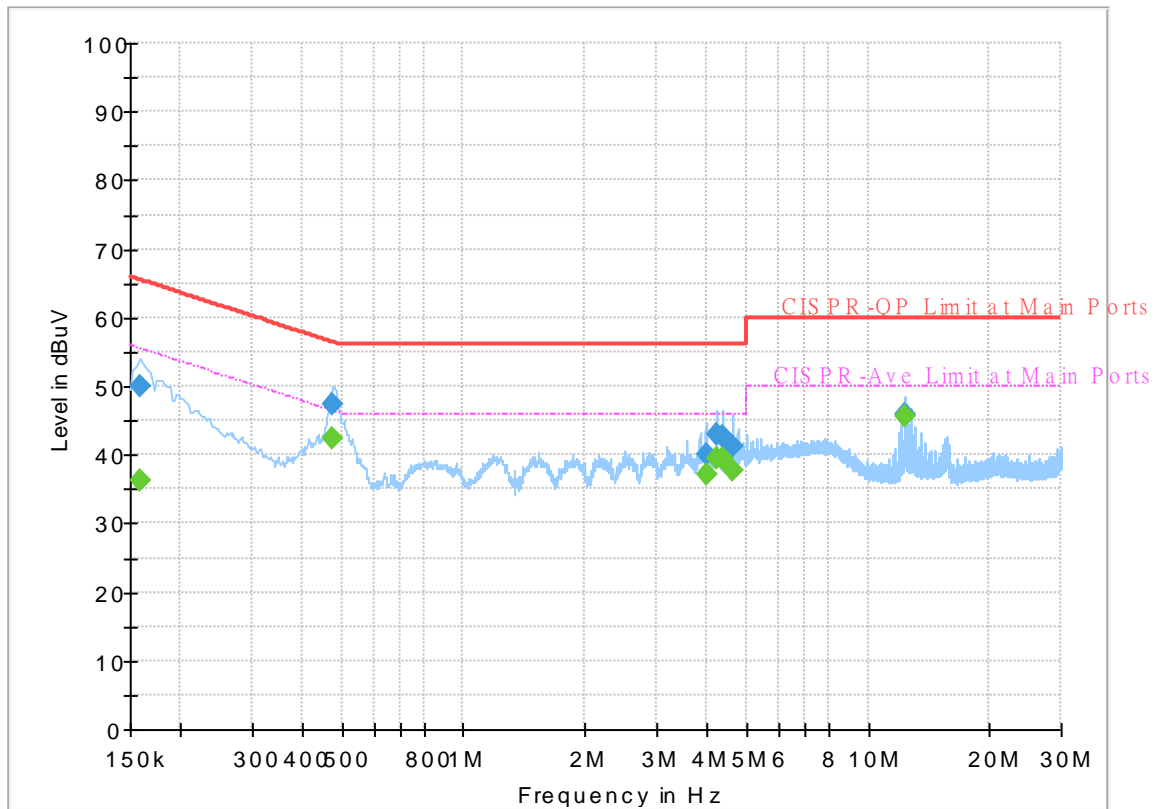
## **Appendix A. AC Conducted Emission Test Results**

<b>Test Engineer :</b>	Tom Lee	<b>Temperature :</b>	21~25°C
		<b>Relative Humidity :</b>	42~50%

## EUT Information

Report NO : 011544  
Test Mode : Mode 1  
Test Voltage : 120Vac/60Hz  
Phase : Line

Full Spectrum



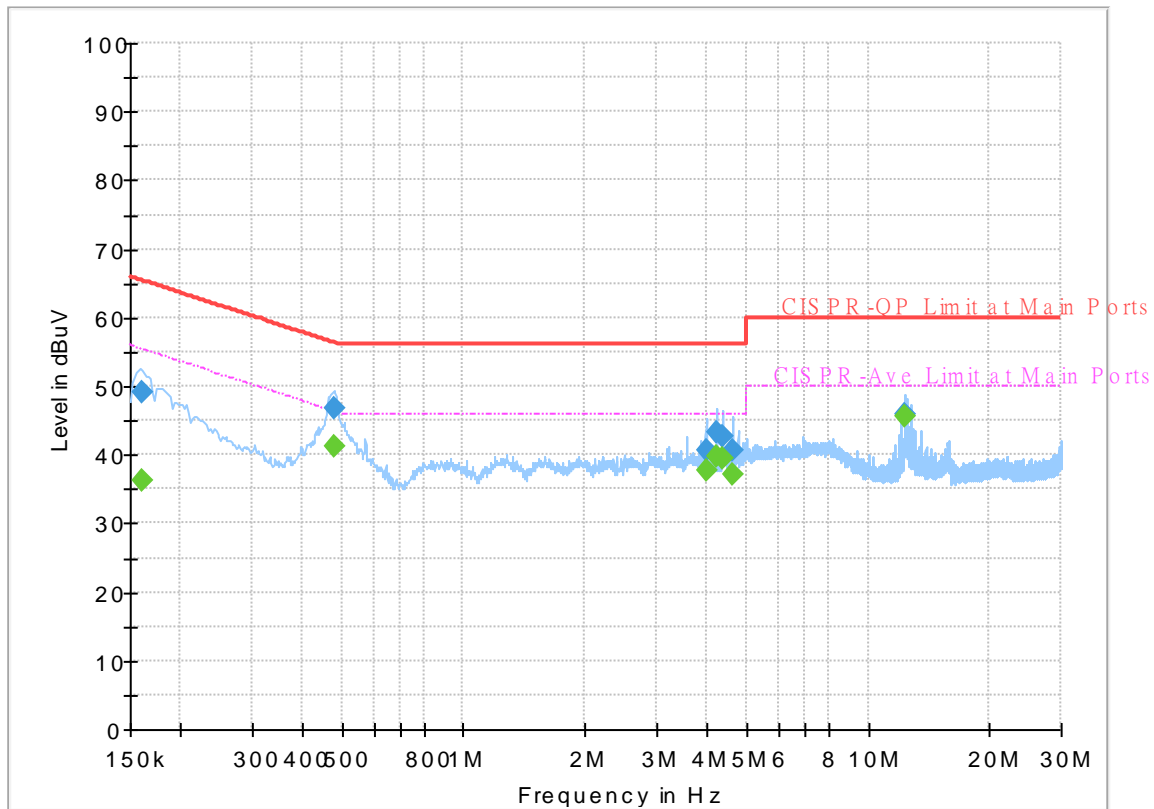
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158190	---	36.13	55.56	19.43	L1	OFF	19.6
0.158190	50.00	---	65.56	15.56	L1	OFF	19.6
0.474000	---	42.50	46.44	3.94	L1	OFF	19.6
0.474000	47.36	---	56.44	9.08	L1	OFF	19.6
3.971310	---	37.16	46.00	8.84	L1	OFF	19.7
3.971310	40.03	---	56.00	15.97	L1	OFF	19.7
4.236810	---	39.57	46.00	6.43	L1	OFF	19.7
4.236810	42.89	---	56.00	13.11	L1	OFF	19.7
4.369200	---	39.38	46.00	6.62	L1	OFF	19.8
4.369200	42.79	---	56.00	13.21	L1	OFF	19.8
4.634340	---	37.73	46.00	8.27	L1	OFF	19.8
4.634340	41.34	---	56.00	14.66	L1	OFF	19.8
12.312960	---	45.64	50.00	4.36	L1	OFF	20.2
12.312960	46.03	---	60.00	13.97	L1	OFF	20.2

# EUT Information

Report NO : 011544  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral

Full Spectrum



## Final\_Result

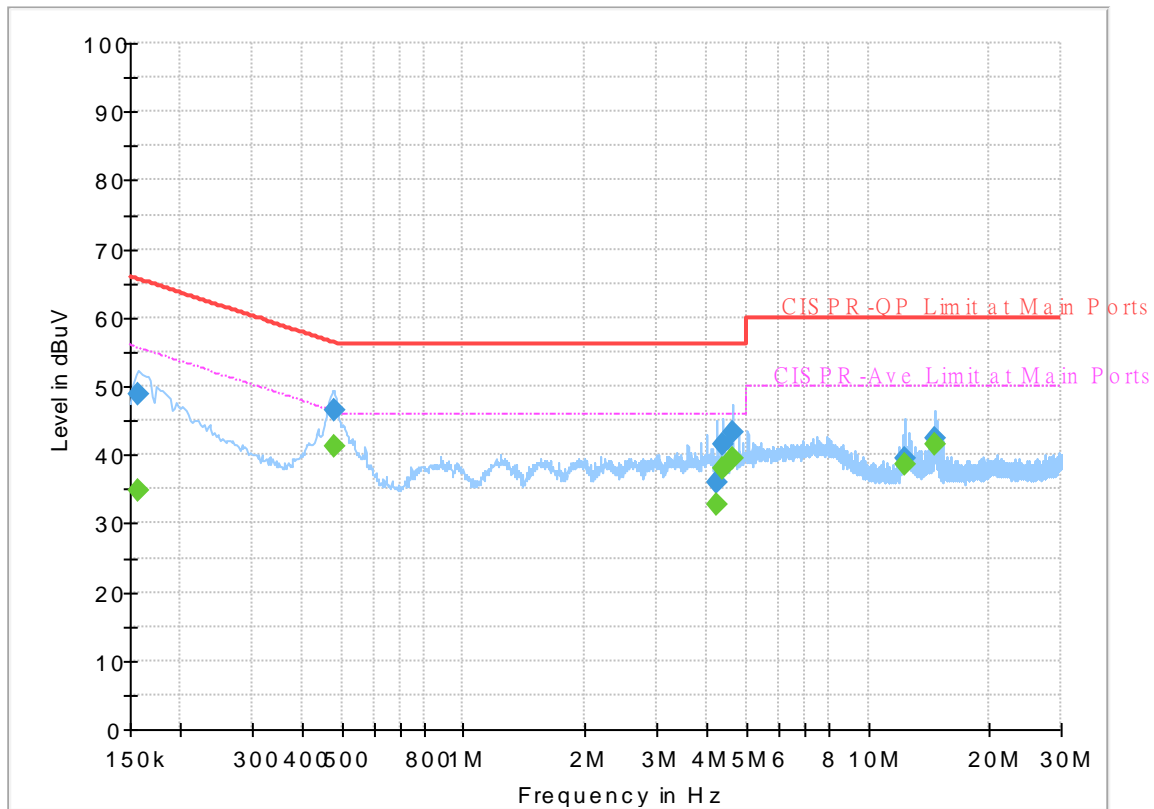
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	36.20	55.40	19.20	N	OFF	19.6
0.161250	49.01	---	65.40	16.39	N	OFF	19.6
0.479130	---	41.19	46.35	5.16	N	OFF	19.6
0.479130	46.65	---	56.35	9.70	N	OFF	19.6
3.972480	---	37.82	46.00	8.18	N	OFF	19.7
3.972480	40.71	---	56.00	15.29	N	OFF	19.7
4.237710	---	39.89	46.00	6.11	N	OFF	19.7
4.237710	43.19	---	56.00	12.81	N	OFF	19.7
4.371000	---	39.34	46.00	6.66	N	OFF	19.8
4.371000	42.80	---	56.00	13.20	N	OFF	19.8
4.635060	---	37.13	46.00	8.87	N	OFF	19.8
4.635060	40.63	---	56.00	15.37	N	OFF	19.8
12.314850	---	45.59	50.00	4.41	N	OFF	20.2
12.314850	45.88	---	60.00	14.12	N	OFF	20.2



## EUT Information

Report NO : 011544  
Test Mode : Mode 2  
Test Voltage : 120Vac/60Hz  
Phase : Line

Full Spectrum



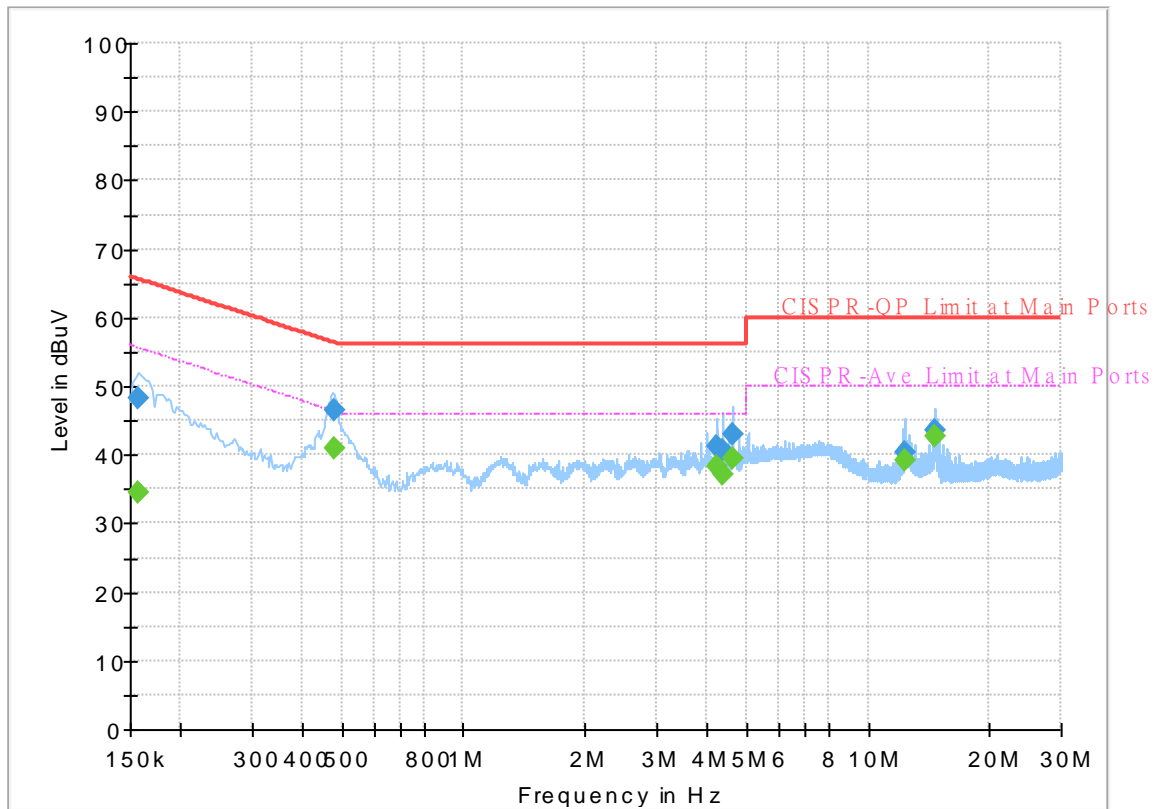
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.157380	---	34.72	55.60	20.88	L1	OFF	19.6
0.157380	48.72	---	65.60	16.88	L1	OFF	19.6
0.477420	---	41.33	46.38	5.05	L1	OFF	19.6
0.477420	46.37	---	56.38	10.01	L1	OFF	19.6
4.241490	---	32.84	46.00	13.16	L1	OFF	19.7
4.241490	35.87	---	56.00	20.13	L1	OFF	19.7
4.378920	---	38.06	46.00	7.94	L1	OFF	19.8
4.378920	41.39	---	56.00	14.61	L1	OFF	19.8
4.644240	---	39.57	46.00	6.43	L1	OFF	19.8
4.644240	43.13	---	56.00	12.87	L1	OFF	19.8
12.340500	---	38.58	50.00	11.42	L1	OFF	20.2
12.340500	39.53	---	60.00	20.47	L1	OFF	20.2
14.597250	---	41.53	50.00	8.47	L1	OFF	20.2
14.597250	42.49	---	60.00	17.51	L1	OFF	20.2

## EUT Information

Report NO : 011544  
Test Mode : Mode 2  
Test Voltage : 120Vac/60Hz  
Phase : Neutral

Full Spectrum



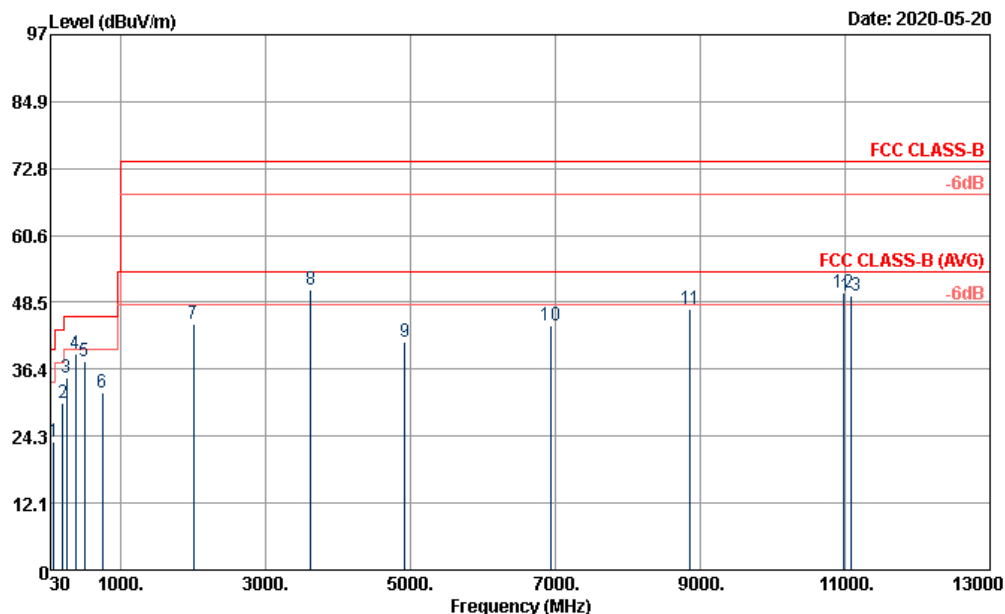
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.157650	---	34.59	55.59	21.00	N	OFF	19.6
0.157650	48.37	---	65.59	17.22	N	OFF	19.6
0.478500	---	40.98	46.37	5.39	N	OFF	19.6
0.478500	46.35	---	56.37	10.02	N	OFF	19.6
4.248060	---	38.19	46.00	7.81	N	OFF	19.7
4.248060	41.29	---	56.00	14.71	N	OFF	19.7
4.378290	---	37.22	46.00	8.78	N	OFF	19.8
4.378290	40.72	---	56.00	15.28	N	OFF	19.8
4.645680	---	39.40	46.00	6.60	N	OFF	19.8
4.645680	42.96	---	56.00	13.04	N	OFF	19.8
12.345090	---	39.12	50.00	10.88	N	OFF	20.2
12.345090	40.32	---	60.00	19.68	N	OFF	20.2
14.601570	---	42.80	50.00	7.20	N	OFF	20.2
14.601570	43.48	---	60.00	16.52	N	OFF	20.2



## Appendix B. Radiated Emission Test Result

Test Engineer :	Brad Liu and Yuan Lee	Temperature :	24~25°C
		Relative Humidity :	39~40%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#8 is system simulator signal which can be ignored.		

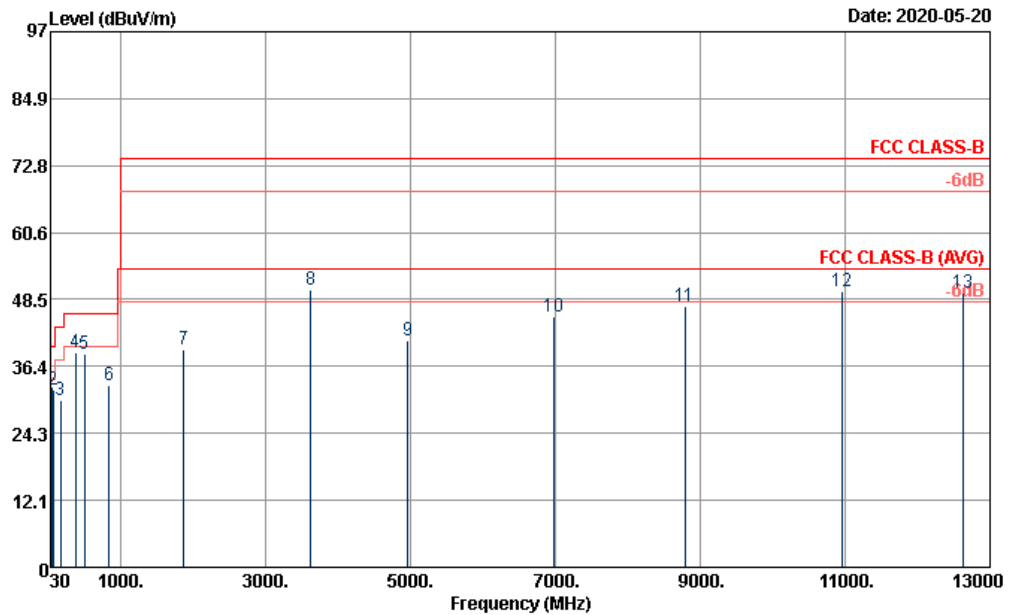


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m 9120B\_1156 HORIZONTAL  
Project : 011544  
Power : From POE  
Memo : Mode 1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	76.71	23.21	-16.79	40.00	40.89	12.82	1.11	31.64	---	---
2	195.24	30.32	-13.18	43.50	45.39	14.69	1.81	31.64	---	---
3	250.05	34.80	-11.20	46.00	45.92	18.32	2.09	31.62	---	---
4	374.90	39.08	-6.92	46.00	47.29	20.77	2.54	31.63	100	30
5	500.20	37.76	-8.24	46.00	42.49	23.92	2.91	31.69	---	---
6	750.10	32.29	-13.71	46.00	32.41	27.77	3.67	31.83	---	---
7	2000.00	44.45	-29.55	74.00	73.36	26.30	5.89	61.10	---	---
8	3625.00	50.89			75.03	29.33	8.13	61.60	---	---
9	4924.00	41.47	-32.53	74.00	58.78	31.30	9.74	58.35	---	---
10	6940.00	44.43	-29.57	74.00	55.26	35.07	12.53	58.43	---	---
11	8864.00	47.17	-26.83	74.00	52.40	37.73	14.69	57.65	---	---
12	10972.00	50.25	-23.75	74.00	49.68	40.40	16.63	56.46	100	0
13	11088.00	49.61	-24.39	74.00	49.07	40.15	16.73	56.34	---	---



<b>Test Engineer :</b>	Brad Liu and Yuan Lee	<b>Temperature :</b>	24~25°C
		<b>Relative Humidity :</b>	39~40%
<b>Test Distance :</b>	3m	<b>Polarization :</b>	Vertical
<b>Remark :</b>	#8 is system simulator signal which can be ignored.		

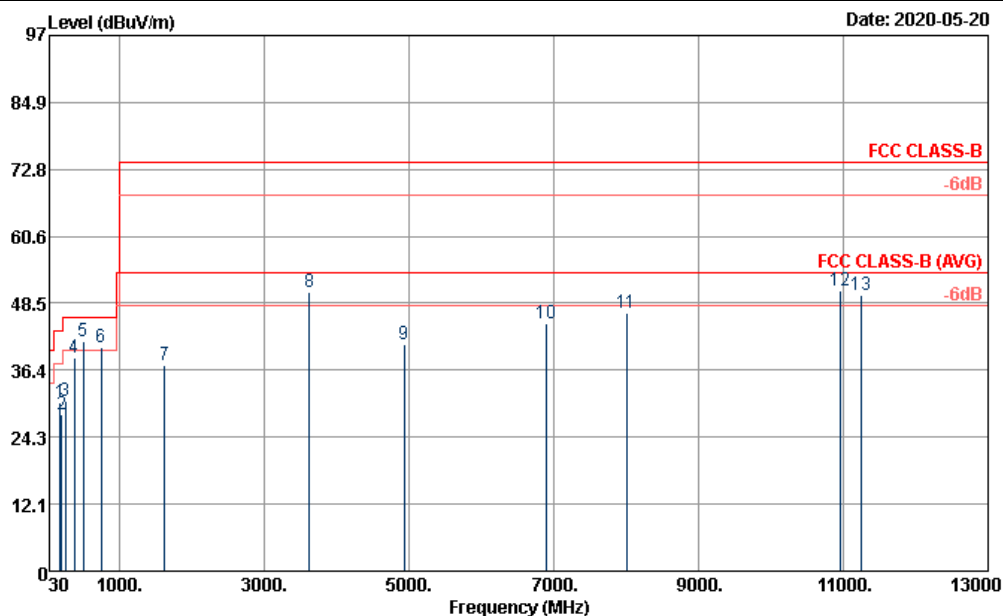


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m 9120B\_1156 VERTICAL  
Project : 011544  
Power : From POE  
Memo : Mode 1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor		
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	46.47	32.57	-7.43	40.00	47.60	15.73	0.88	31.66	100	300 QP
2	63.21	32.15	-7.85	40.00	51.00	11.75	1.03	31.65	---	--- Peak
3	173.91	30.24	-13.26	43.50	44.98	15.17	1.67	31.64	---	--- Peak
4	374.90	38.96	-7.04	46.00	47.17	20.77	2.54	31.63	---	--- Peak
5	500.20	38.66	-7.34	46.00	43.39	23.92	2.91	31.69	---	--- Peak
6	836.90	32.92	-13.08	46.00	31.58	28.77	3.87	31.62	---	--- Peak
7	1874.00	39.34	-34.66	74.00	69.16	25.57	5.71	61.10	---	--- Peak
8	3625.00	50.33			74.47	29.33	8.13	61.60	---	--- Peak
9	4966.00	41.18	-32.82	74.00	58.02	31.43	9.85	58.12	---	--- Peak
10	6972.00	45.34	-28.66	74.00	55.91	35.20	12.64	58.41	---	--- Peak
11	8784.00	47.34	-26.66	74.00	52.54	37.67	14.67	57.54	---	--- Peak
12	10956.00	50.00	-24.00	74.00	49.48	40.40	16.61	56.49	100	0 Peak
13	12630.00	49.84	-24.16	74.00	51.59	38.73	18.09	58.57	---	--- Peak



Test Engineer :	Brad Liu and Yuan Lee	Temperature :	24~25°C
		Relative Humidity :	39~40%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#8 is system simulator signal which can be ignored.		

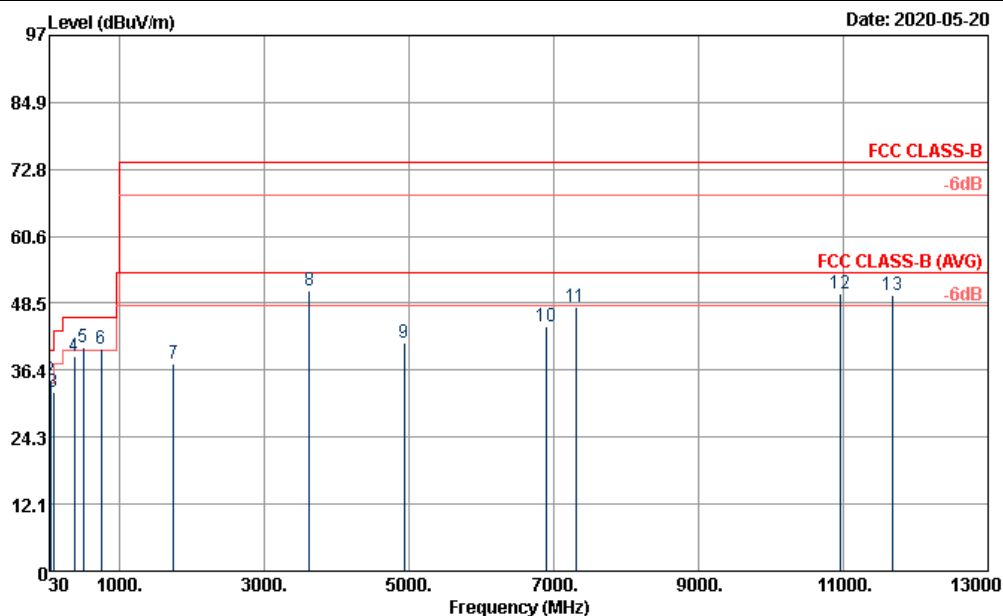


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m 9120B\_1156 HORIZONTAL  
Project : 011544  
Power : From POE  
Memo : Mode 2

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	A/Pos	T/Pos	Remark		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	184.17	30.51	-12.99	43.50	45.72	14.65	1.72	31.64	---	---	Peak
2	204.42	28.24	-15.26	43.50	42.91	15.03	1.87	31.64	---	---	Peak
3	250.05	30.92	-15.08	46.00	42.04	18.32	2.09	31.62	---	---	Peak
4	374.90	38.66	-7.34	46.00	46.87	20.77	2.54	31.63	---	---	Peak
5	500.20	41.54	-4.46	46.00	46.27	23.92	2.91	31.69	100	0	Peak
6	750.10	40.40	-5.60	46.00	40.52	27.77	3.67	31.83	---	---	Peak
7	1626.00	37.42	-36.58	74.00	67.99	25.17	5.36	61.10	---	---	Peak
8	3625.00	50.54			74.68	29.33	8.13	61.60	---	---	Peak
9	4930.00	40.94	-33.06	74.00	58.18	31.30	9.74	58.28	---	---	Peak
10	6896.00	44.84	-29.16	74.00	55.96	35.00	12.32	58.44	---	---	Peak
11	8008.00	46.78	-27.22	74.00	53.07	37.20	14.20	57.69	---	---	Peak
12	10950.00	50.85	-23.15	74.00	50.33	40.40	16.61	56.49	100	0	Peak
13	11256.00	49.91	-24.09	74.00	49.45	39.85	16.85	56.24	---	---	Peak



Test Engineer :	Brad Liu and Yuan Lee	Temperature :	24~25°C
		Relative Humidity :	39~40%
Test Distance :	3m	Polarization :	Vertical
Remark :	#8 is system simulator signal which can be ignored.		



Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m 9120B\_1156 VERTICAL  
 Project : 011544  
 Power : From POE  
 Memo : Mode 2

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	41.07	33.91	-6.09	40.00	46.01	18.73	0.81	31.66	---	---
2 !	48.36	34.46	-5.54	40.00	50.24	14.97	0.89	31.66	100	0
3	88.00	32.34	-7.66	40.00	48.53	14.20	1.20	31.64	---	---
4	374.90	38.96	-7.04	46.00	47.17	20.77	2.54	31.63	---	---
5 !	500.20	40.56	-5.44	46.00	45.29	23.92	2.91	31.69	---	---
6 !	750.10	40.26	-5.74	46.00	40.38	27.77	3.67	31.83	---	---
7	1750.00	37.54	-36.46	74.00	67.91	25.20	5.53	61.10	---	---
8	3625.00	50.77			74.91	29.33	8.13	61.60	---	---
9	4934.00	41.24	-32.76	74.00	58.48	31.30	9.74	58.28	---	---
10	6898.00	44.23	-29.77	74.00	55.35	35.00	12.32	58.44	---	---
11	7304.00	47.83	-26.17	74.00	56.41	36.40	13.54	58.52	---	---
12	10954.00	50.33	-23.67	74.00	49.81	40.40	16.61	56.49	100	0
13	11686.00	49.91	-24.09	74.00	49.60	39.50	17.20	56.39	---	---