



FCC EMI TEST REPORT

FCC ID : PY7-08372L
Equipment : GSM/WCDMA/LTE Phone with BT, DTS/UNII
a/b/g/n/ac/ax, GPS, and NFC
Brand Name : Sony
Applicant : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Manufacturer : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Jul. 17, 2020 and testing was started from Jul. 21, 2020 and completed on Aug. 15, 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.)



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History of this test report

Report No.	Version	Description	Issued Date
FC042242-02	01	Initial issue of report	Aug. 17, 2020
FC042242-02	02	Add test description.	Aug. 27, 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 4.44 dB at 0.164 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 7.09 dB at 47.460 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: Cindy Liu

1. General Description

1.1. Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WWAN: Loop Antenna WLAN: <Ant. 0>: Loop Antenna <Ant. 1>: Loop Antenna Bluetooth: Loop Antenna GPS/Glonass/Galileo/BDS: Loop Antenna NFC: Loop Antenna FM: Using earphone as Antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	6.47	QV71008W40	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N:
	6218W30200122 (for radiated emission) 6218W30200015 (for conducted emission)
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

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 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

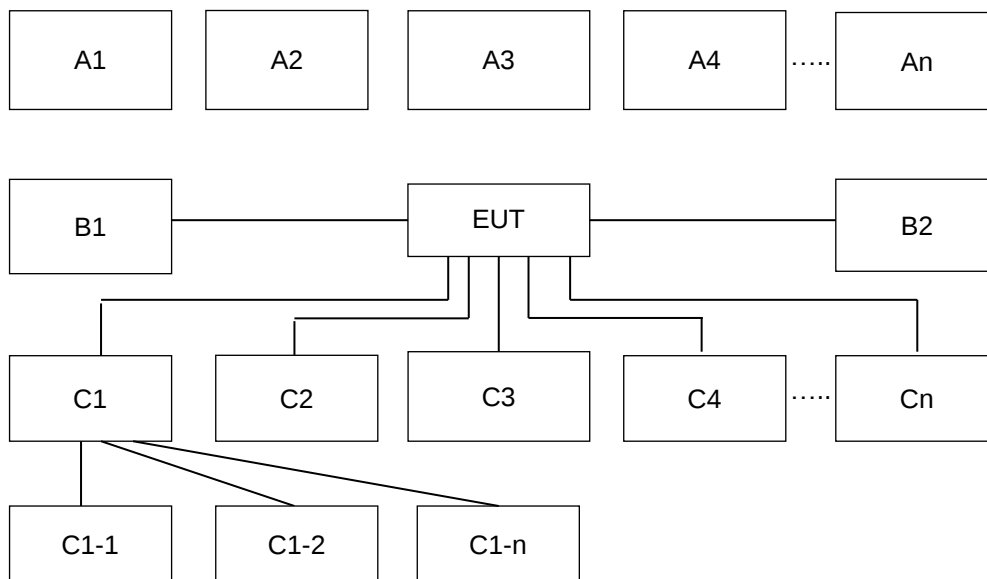
The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

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).

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 + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 2: WCDMA Band V (Middle Channel) Idle+ Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 3: LTE Band 5 (Middle Channel) Idle+ Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 4: LTE Band 12 (Middle Channel) Idle+ Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 5: LTE Band 13 (Middle Channel) Idle+ Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 6: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook) + SIM 1
	Mode 7: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + FM (98MHz) Rx + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
Radiated Emissions	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 2: WCDMA Band V (Middle Channel) Idle+ Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 3: LTE Band 5 (Middle Channel) Idle+ Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 4: LTE Band 12 (Middle Channel) Idle+ Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 5: LTE Band 13 (Middle Channel) Idle+ Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
	Mode 6: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook) + SIM 1
	Mode 7: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + FM (98MHz) Rx + Earphone + Battery + USB Cable (Charging from Adapter) + SIM 1
Remark:	
1. For radiation emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/12/13/FM); only the worst case for cellular band test data of this mode was reported.	
2. Data Link with Notebook means data application transferred mode between EUT and Notebook.	

2.2. Connection Diagram of Test System



Conduction Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	3	4	5	6	7
A1	BT Earphone	Bluetooth	X	X	X	X	X	-	X
A2	System Simulator	GSM/WCDMA/ LTE/FM	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	USB Cable	X	X	X	X	X	-	X
B2	Power From System	USB 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

Radiation Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	3	4	5	6	7
A1	BT Earphone	Bluetooth	X	X	X	X	X	-	X
A2	System Simulator	GSM/WCDMA/ LTE/FM	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	USB Cable	X	X	X	X	X	-	X
B2	Power From System	USB 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	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
3.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
4.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
5.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
6.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
8.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A



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. Turn on FM function.

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.

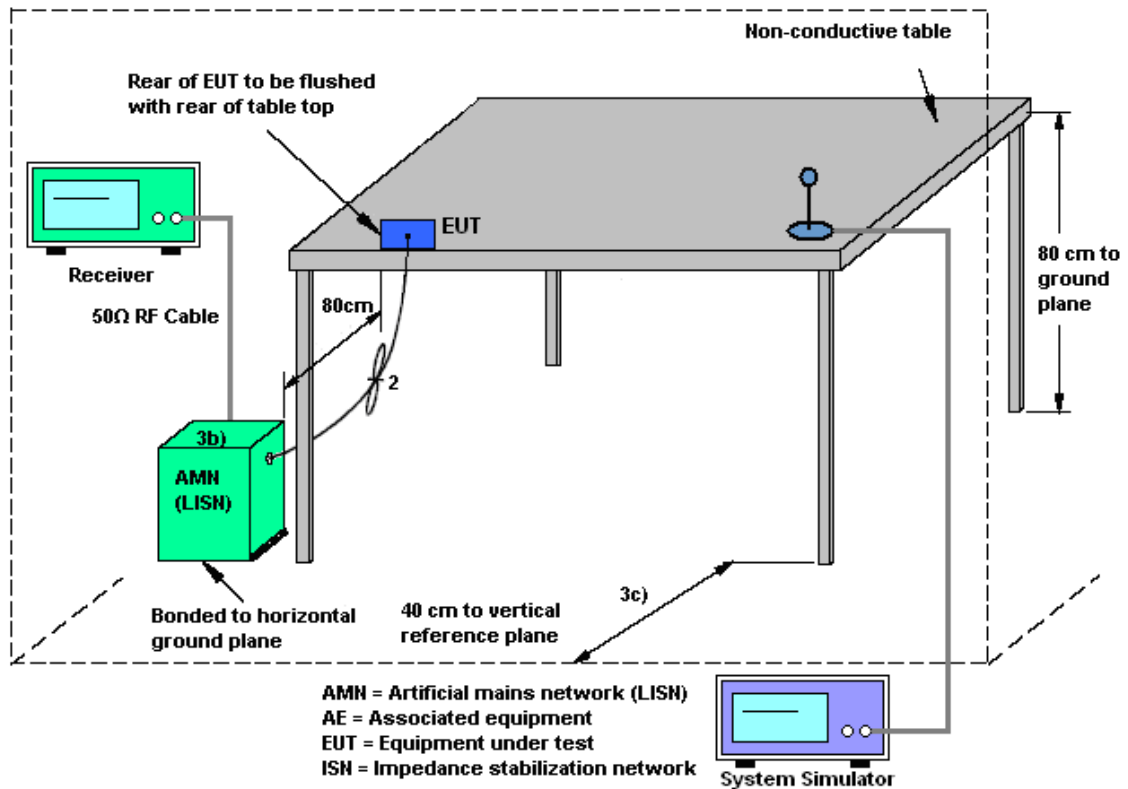
3.1.2. Measuring Instruments

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

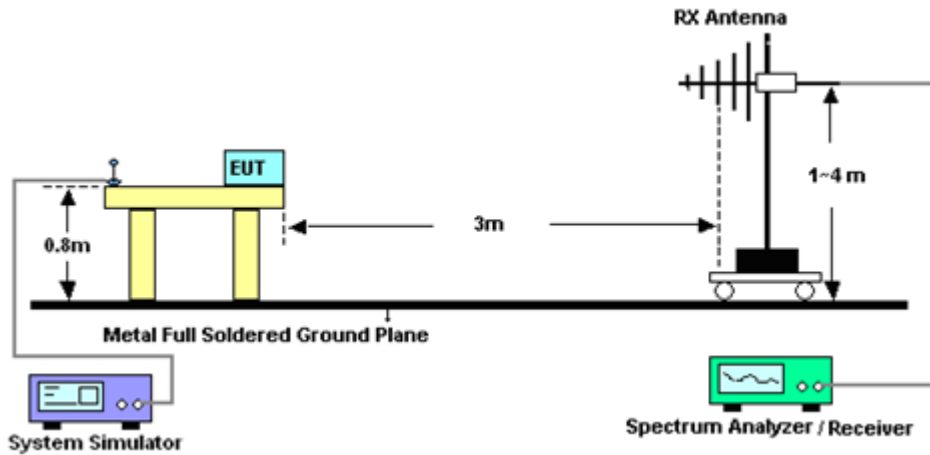
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

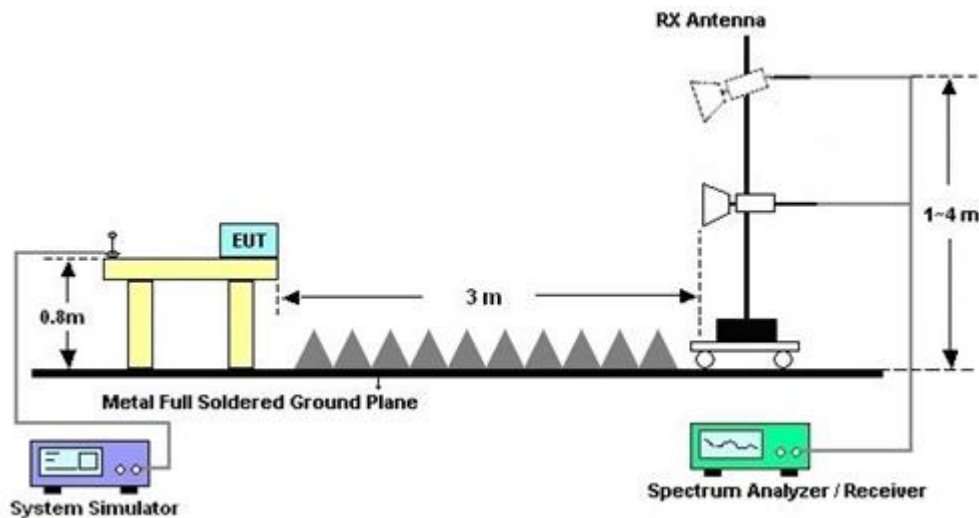
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 22, 2019	Jul. 21, 2020~ Aug. 15, 2020	Oct. 21, 2020	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35413 & 02	30MHz~1GHz	Feb. 11, 2020	Jul. 21, 2020~ Aug. 15, 2020	Feb. 10, 2021	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1325	1GHz~18GHz	Oct. 09, 2019	Jul. 21, 2020~ Aug. 15, 2020	Oct. 08, 2020	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Mar. 02, 2020	Jul. 21, 2020~ Aug. 15, 2020	Mar. 01, 2021	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Feb. 10, 2020	Jul. 21, 2020~ Aug. 15, 2020	Feb. 09, 2021	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 21, 2020~ Aug. 15, 2020	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jul. 21, 2020~ Aug. 15, 2020	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jul. 21, 2020~ Aug. 15, 2020	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jul. 21, 2020~ Aug. 15, 2020	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Jan. 18, 2020	Jul. 21, 2020~ Aug. 15, 2020	Jan. 17, 2021	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/4PE, MY11693/4PE, MY2855/2	30MHz~1GHz	Nov. 07, 2019	Jul. 21, 2020~ Aug. 15, 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	Jul. 21, 2020~ Aug. 15, 2020	Nov. 06, 2020	Radiation (03CH10-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 26, 2019	Jul. 21, 2020~ Aug. 15, 2020	Nov. 25, 2020	Radiation (03CH10-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Jul. 21, 2020~ Aug. 15, 2020	Dec. 12, 2020	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 25, 2020	Jul. 21, 2020~ Aug. 15, 2020	Feb. 24, 2021	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 25, 2020	Jul. 21, 2020~ Aug. 15, 2020	Feb. 24, 2021	Radiation (03CH10-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 24, 2020~ Aug. 13, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jul. 24, 2020~ Aug. 13, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Jul. 24, 2020~ Aug. 13, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Jul. 24, 2020~ Aug. 13, 2020	Nov. 19, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jul. 24, 2020~ Aug. 13, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 24, 2020~ Aug. 13, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jul. 24, 2020~ Aug. 13, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jul. 24, 2020~ Aug. 13, 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% ($U = 2Uc(y)$)	2.3
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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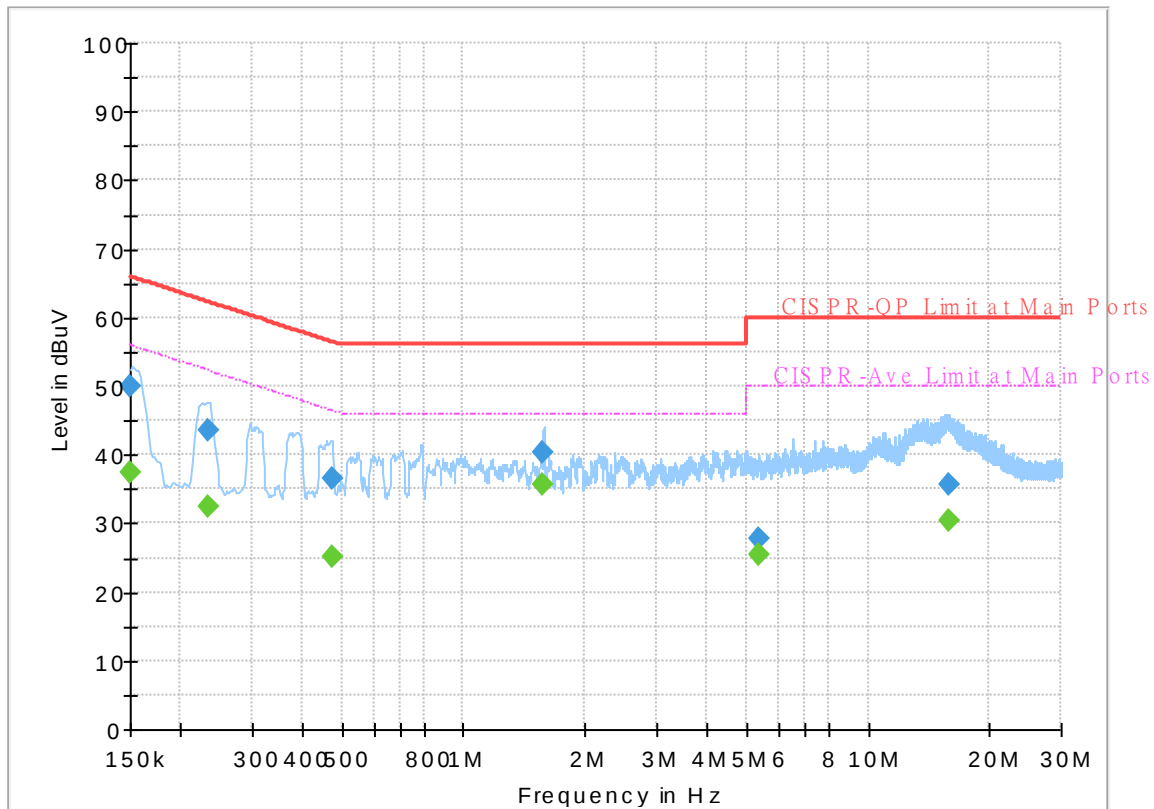
Appendix A. AC Conducted Emission Test Results

Test Engineer :	Howard Huang and Tom Lee	Temperature :	21~25℃
		Relative Humidity :	40~43%

EUT Information

Report NO : 042242-02
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



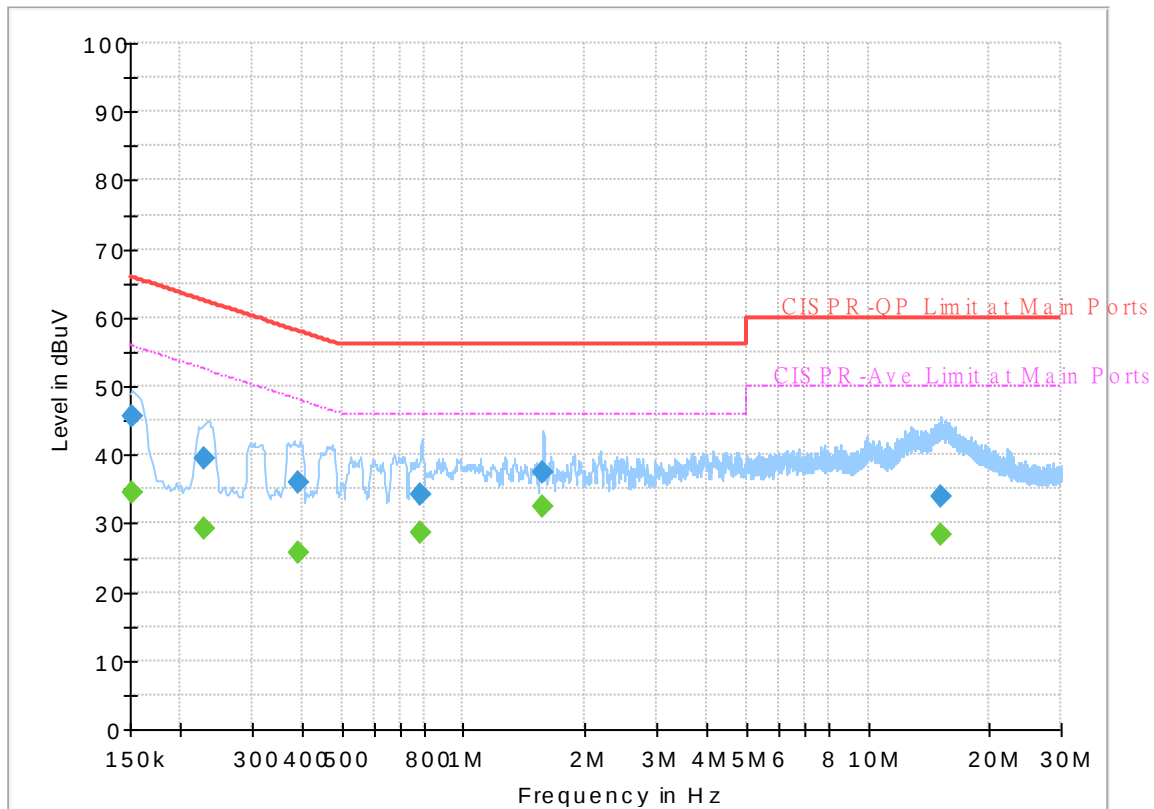
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150135	---	37.45	55.99	18.54	L1	OFF	19.6
0.150135	50.12	---	65.99	15.87	L1	OFF	19.6
0.234240	---	32.52	52.30	19.78	L1	OFF	19.6
0.234240	43.52	---	62.30	18.78	L1	OFF	19.6
0.476250	---	25.05	46.40	21.35	L1	OFF	19.6
0.476250	36.67	---	56.40	19.73	L1	OFF	19.6
1.574250	---	35.66	46.00	10.34	L1	OFF	19.6
1.574250	40.32	---	56.00	15.68	L1	OFF	19.6
5.367930	---	25.37	50.00	24.63	L1	OFF	19.8
5.367930	27.72	---	60.00	32.28	L1	OFF	19.8
15.867780	---	30.53	50.00	19.47	L1	OFF	20.3
15.867780	35.78	---	60.00	24.22	L1	OFF	20.3

EUT Information

Report NO : 042242-02
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



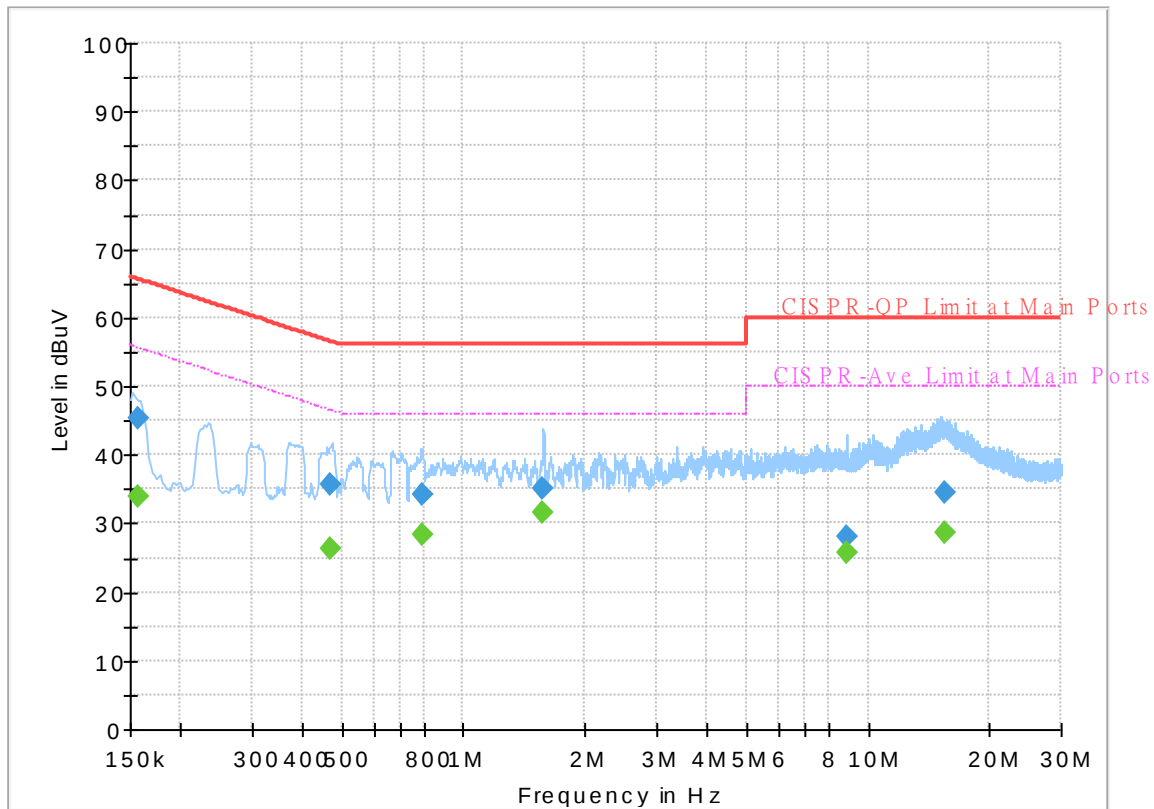
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151283	---	34.37	55.93	21.56	N	OFF	19.5
0.151283	45.74	---	65.93	20.19	N	OFF	19.5
0.228750	---	29.29	52.50	23.21	N	OFF	19.5
0.228750	39.48	---	62.50	23.02	N	OFF	19.5
0.390750	---	25.71	48.05	22.34	N	OFF	19.5
0.390750	35.96	---	58.05	22.09	N	OFF	19.5
0.786750	---	28.54	46.00	17.46	N	OFF	19.6
0.786750	34.29	---	56.00	21.71	N	OFF	19.6
1.576140	---	32.44	46.00	13.56	N	OFF	19.6
1.576140	37.39	---	56.00	18.61	N	OFF	19.6
15.128340	---	28.29	50.00	21.71	N	OFF	19.9
15.128340	33.82	---	60.00	26.18	N	OFF	19.9

EUT Information

Report NO : 042242-02
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



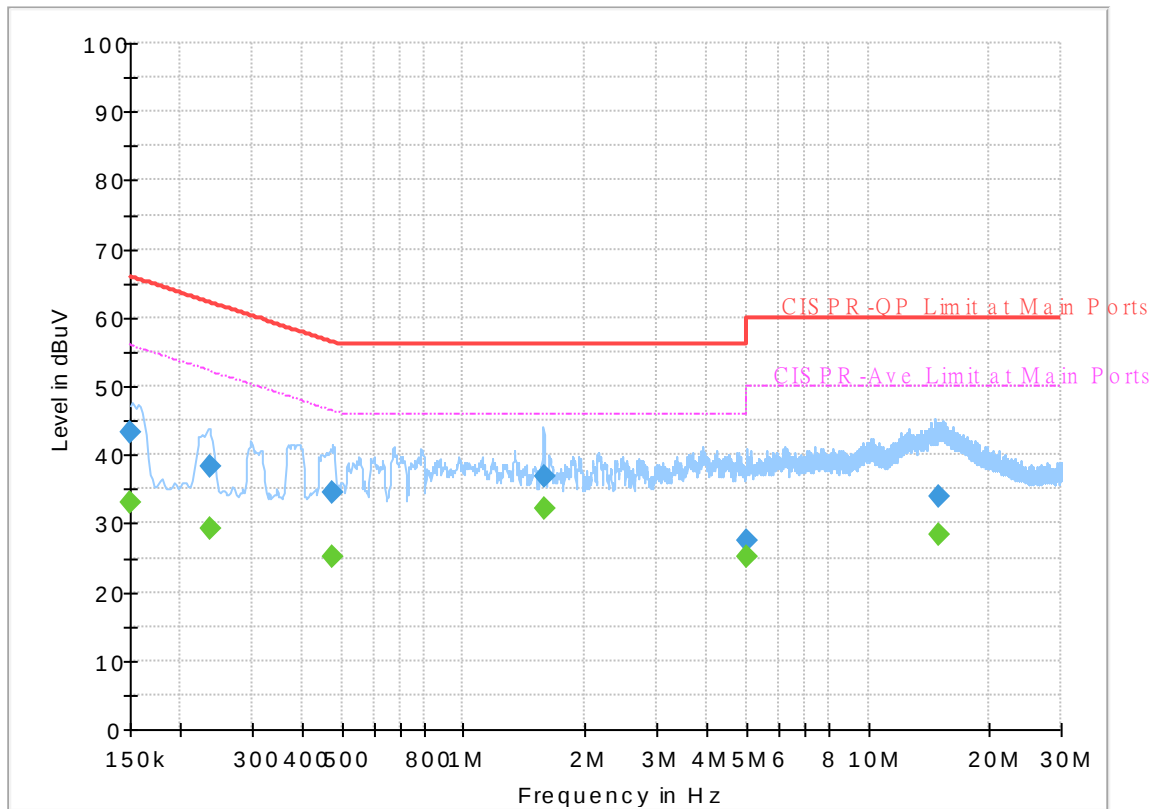
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	34.06	55.63	21.57	L1	OFF	19.6
0.156750	45.31	---	65.63	20.32	L1	OFF	19.6
0.470130	---	26.28	46.51	20.23	L1	OFF	19.6
0.470130	35.65	---	56.51	20.86	L1	OFF	19.6
0.788460	---	28.46	46.00	17.54	L1	OFF	19.6
0.788460	34.17	---	56.00	21.83	L1	OFF	19.6
1.575690	---	31.46	46.00	14.54	L1	OFF	19.6
1.575690	35.17	---	56.00	20.83	L1	OFF	19.6
8.877300	---	25.74	50.00	24.26	L1	OFF	20.0
8.877300	28.10	---	60.00	31.90	L1	OFF	20.0
15.578250	---	28.79	50.00	21.21	L1	OFF	20.2
15.578250	34.48	---	60.00	25.52	L1	OFF	20.2

EUT Information

Report NO : 042242-02
Test Mode : Mode 2
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



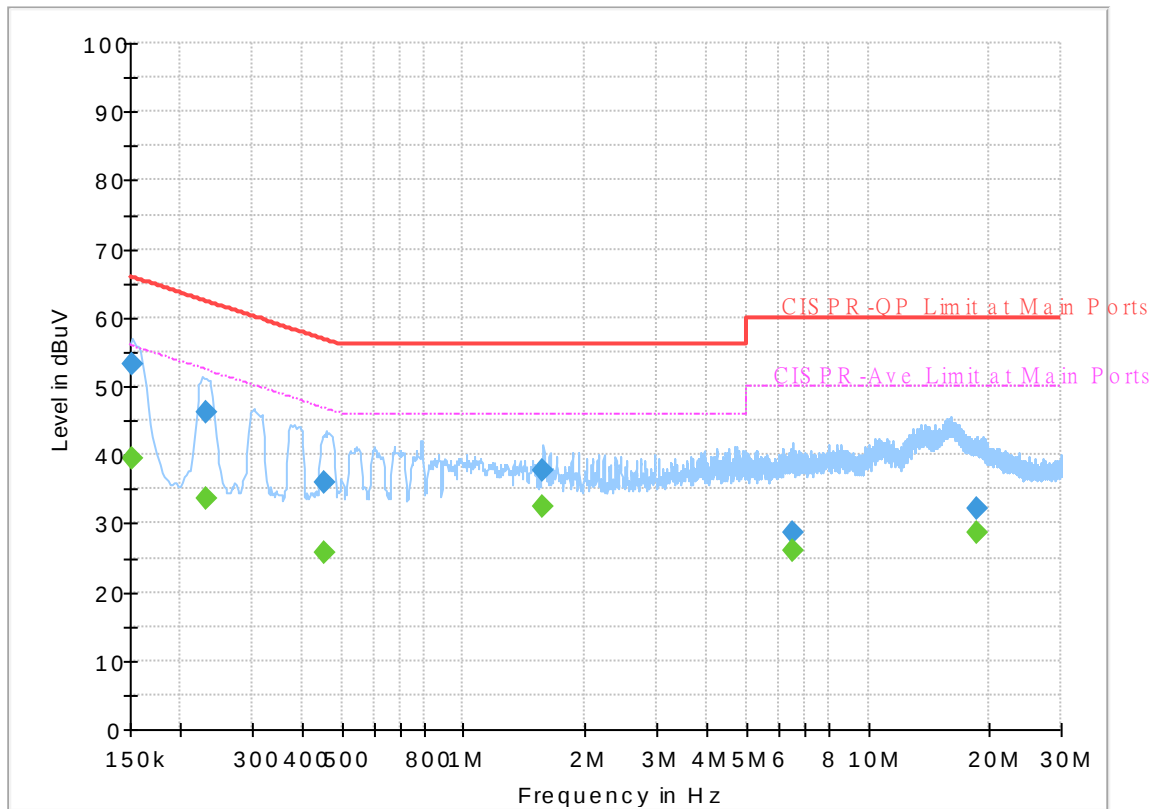
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	33.10	56.00	22.90	N	OFF	19.6
0.150000	43.37	---	66.00	22.63	N	OFF	19.6
0.236040	---	29.36	52.23	22.87	N	OFF	19.5
0.236040	38.26	---	62.23	23.97	N	OFF	19.5
0.474900	---	25.03	46.43	21.40	N	OFF	19.5
0.474900	34.64	---	56.43	21.79	N	OFF	19.5
1.577670	---	32.06	46.00	13.94	N	OFF	19.6
1.577670	36.77	---	56.00	19.23	N	OFF	19.6
5.014500	---	25.18	50.00	24.82	N	OFF	19.7
5.014500	27.39	---	60.00	32.61	N	OFF	19.7
14.994150	---	28.27	50.00	21.73	N	OFF	19.9
14.994150	34.02	---	60.00	25.98	N	OFF	19.9

EUT Information

Report NO : 042242-02
Test Mode : Mode 3
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



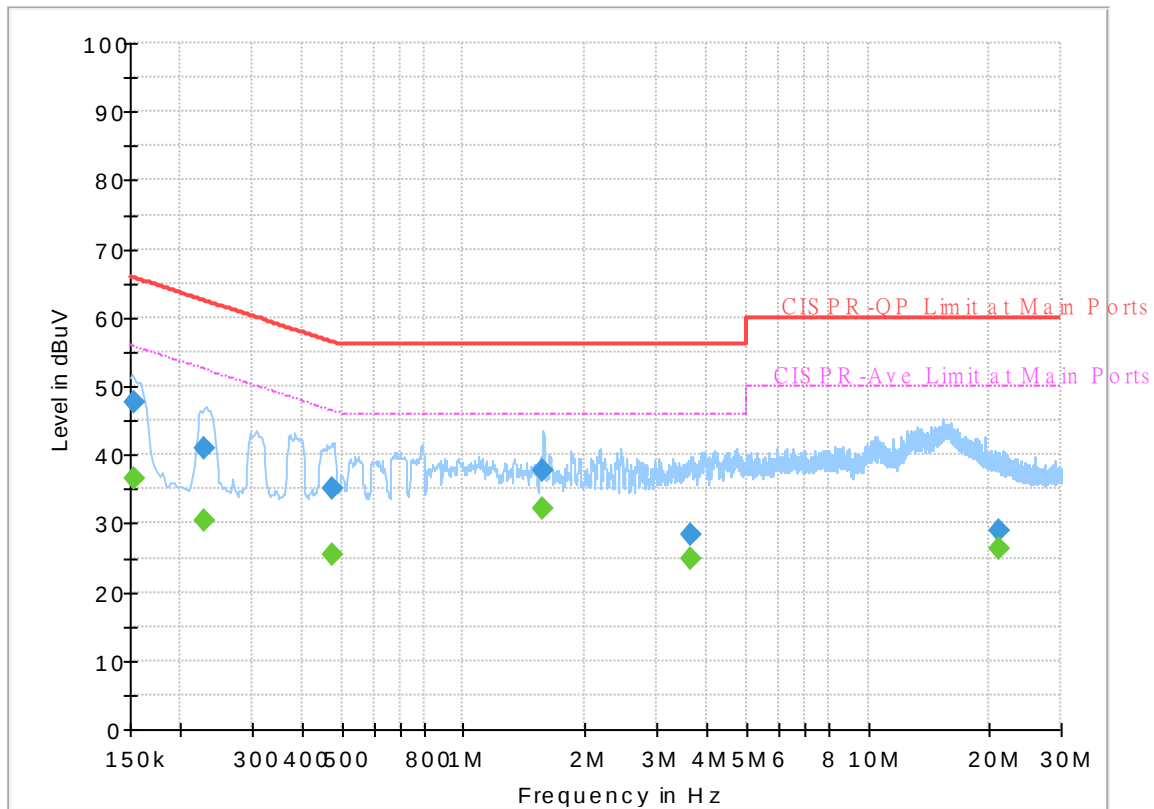
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151755	---	39.34	55.90	16.56	L1	OFF	19.6
0.151755	53.14	---	65.90	12.76	L1	OFF	19.6
0.231000	---	33.77	52.41	18.64	L1	OFF	19.6
0.231000	46.28	---	62.41	16.13	L1	OFF	19.6
0.452490	---	25.68	46.83	21.15	L1	OFF	19.6
0.452490	35.83	---	56.83	21.00	L1	OFF	19.6
1.576860	---	32.33	46.00	13.67	L1	OFF	19.6
1.576860	37.61	---	56.00	18.39	L1	OFF	19.6
6.528750	---	25.89	50.00	24.11	L1	OFF	19.9
6.528750	28.61	---	60.00	31.39	L1	OFF	19.9
18.645000	---	28.52	50.00	21.48	L1	OFF	20.4
18.645000	32.17	---	60.00	27.83	L1	OFF	20.4

EUT Information

Report NO : 042242-02
Test Mode : Mode 3
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



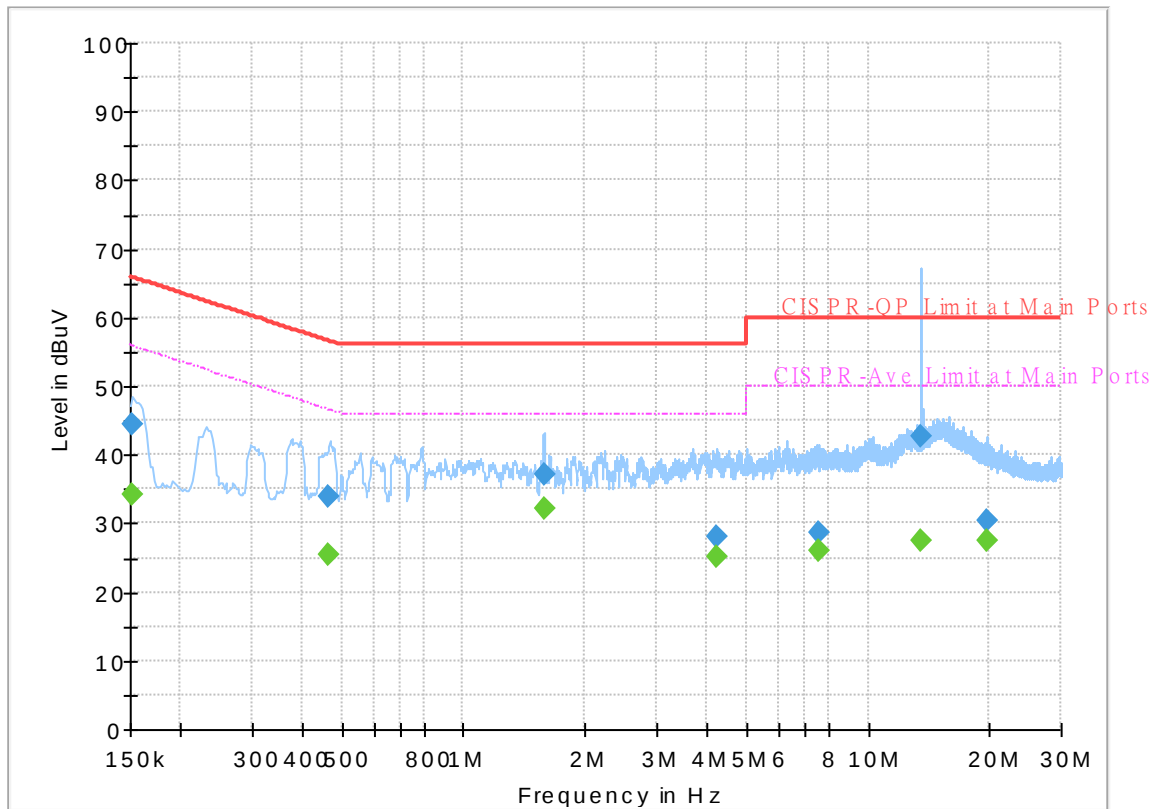
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153240	---	36.52	55.82	19.30	N	OFF	19.5
0.153240	47.69	---	65.82	18.13	N	OFF	19.5
0.229740	---	30.41	52.46	22.05	N	OFF	19.5
0.229740	41.03	---	62.46	21.43	N	OFF	19.5
0.474540	---	25.33	46.43	21.10	N	OFF	19.5
0.474540	35.23	---	56.43	21.20	N	OFF	19.5
1.576500	---	32.18	46.00	13.82	N	OFF	19.6
1.576500	37.85	---	56.00	18.15	N	OFF	19.6
3.660000	---	24.87	46.00	21.13	N	OFF	19.6
3.660000	28.48	---	56.00	27.52	N	OFF	19.6
21.031530	---	26.26	50.00	23.74	N	OFF	19.9
21.031530	28.99	---	60.00	31.01	N	OFF	19.9

EUT Information

Report NO : 042242-02
Test Mode : Mode 4
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



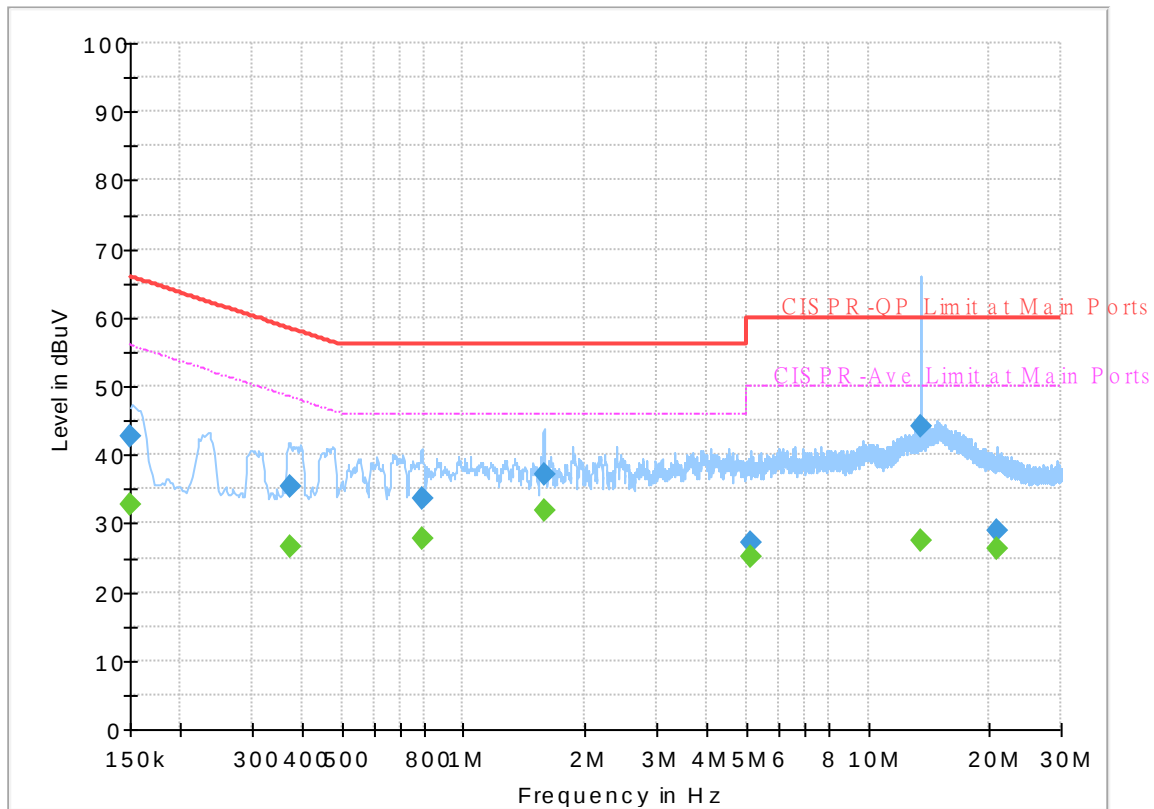
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152565	---	34.32	55.86	21.54	L1	OFF	19.6
0.152565	44.52	---	65.86	21.34	L1	OFF	19.6
0.465090	---	25.45	46.60	21.15	L1	OFF	19.6
0.465090	34.02	---	56.60	22.58	L1	OFF	19.6
1.578300	---	32.05	46.00	13.95	L1	OFF	19.6
1.578300	37.06	---	56.00	18.94	L1	OFF	19.6
4.212510	---	25.25	46.00	20.75	L1	OFF	19.7
4.212510	28.14	---	56.00	27.86	L1	OFF	19.7
7.531350	---	25.89	50.00	24.11	L1	OFF	20.0
7.531350	28.65	---	60.00	31.35	L1	OFF	20.0
13.560000	---	27.54	50.00	22.46	L1	OFF	20.2
13.560000	42.75	---	60.00	17.25	L1	OFF	20.2
19.608000	---	27.38	50.00	22.62	L1	OFF	20.4
19.608000	30.54	---	60.00	29.46	L1	OFF	20.4

EUT Information

Report NO : 042242-02
Test Mode : Mode 4
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



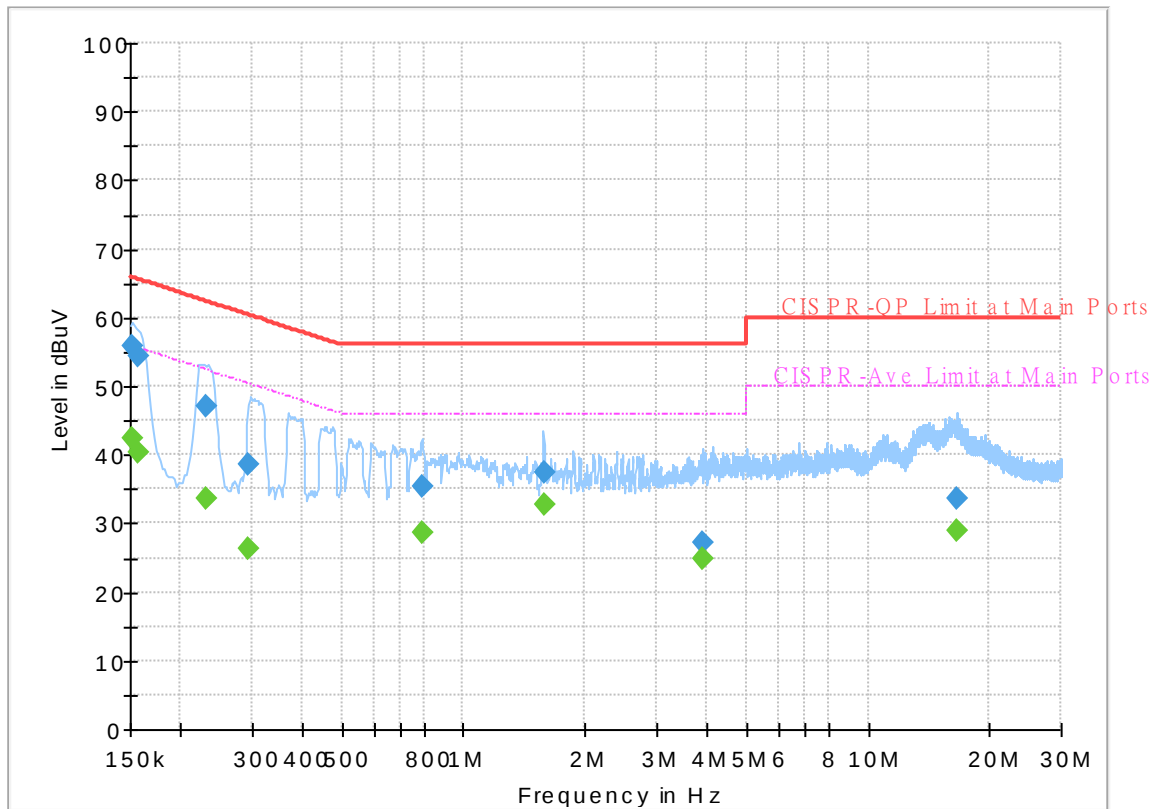
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	32.73	56.00	23.27	N	OFF	19.6
0.150000	42.60	---	66.00	23.40	N	OFF	19.6
0.375000	---	26.62	48.39	21.77	N	OFF	19.5
0.375000	35.31	---	58.39	23.08	N	OFF	19.5
0.789000	---	27.83	46.00	18.17	N	OFF	19.6
0.789000	33.59	---	56.00	22.41	N	OFF	19.6
1.577670	---	31.92	46.00	14.08	N	OFF	19.6
1.577670	37.07	---	56.00	18.93	N	OFF	19.6
5.122500	---	25.15	50.00	24.85	N	OFF	19.7
5.122500	27.18	---	60.00	32.82	N	OFF	19.7
13.560000	---	27.35	50.00	22.65	N	OFF	19.9
13.560000	44.03	---	60.00	15.97	N	OFF	19.9
20.833620	---	26.34	50.00	23.66	N	OFF	19.9
20.833620	29.01	---	60.00	30.99	N	OFF	19.9

EUT Information

Report NO : 042242-02
 Test Mode : Mode 5
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



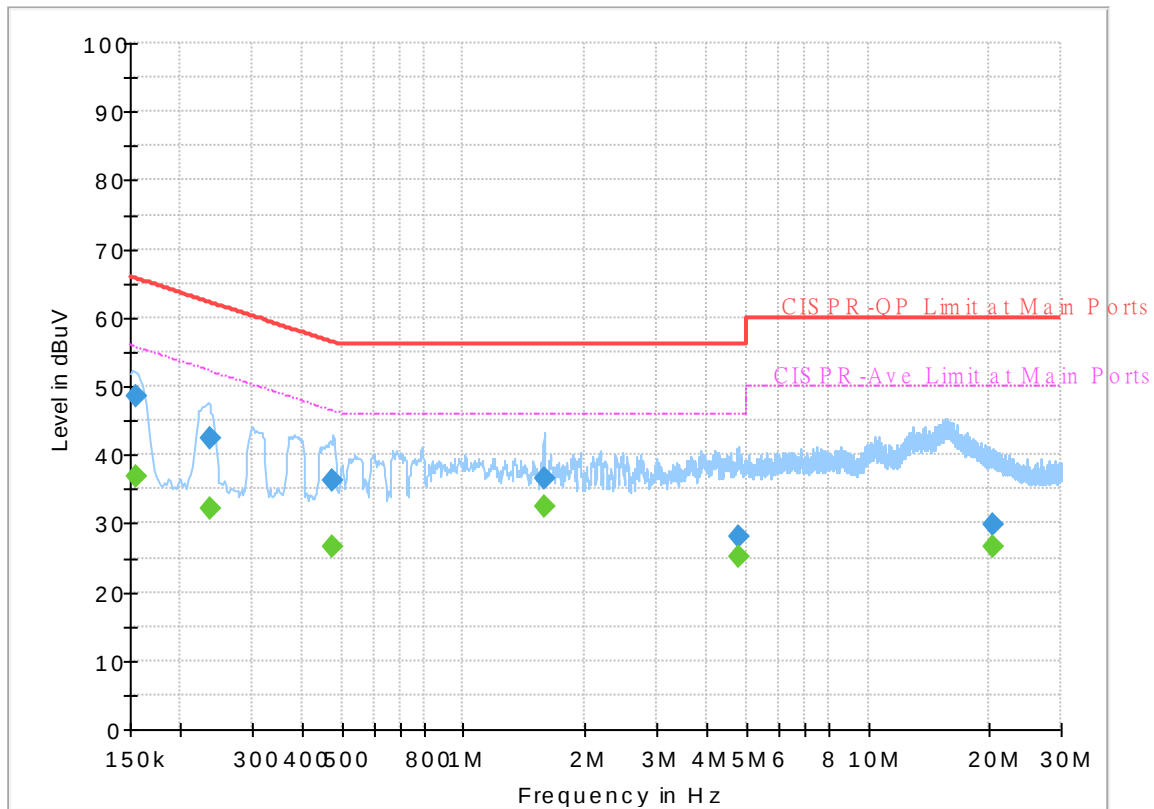
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152430	---	42.52	55.87	13.35	L1	OFF	19.6
0.152430	55.87	---	65.87	10.00	L1	OFF	19.6
0.156750	---	40.39	55.63	15.24	L1	OFF	19.6
0.156750	54.33	---	65.63	11.30	L1	OFF	19.6
0.232440	---	33.65	52.36	18.71	L1	OFF	19.6
0.232440	47.08	---	62.36	15.28	L1	OFF	19.6
0.294000	---	26.46	50.41	23.95	L1	OFF	19.6
0.294000	38.73	---	60.41	21.68	L1	OFF	19.6
0.789720	---	28.70	46.00	17.30	L1	OFF	19.6
0.789720	35.26	---	56.00	20.74	L1	OFF	19.6
1.579200	---	32.68	46.00	13.32	L1	OFF	19.6
1.579200	37.44	---	56.00	18.56	L1	OFF	19.6
3.885000	---	24.71	46.00	21.29	L1	OFF	19.7
3.885000	27.22	---	56.00	28.78	L1	OFF	19.7
16.609380	---	28.94	50.00	21.06	L1	OFF	20.3
16.609380	33.67	---	60.00	26.33	L1	OFF	20.3

EUT Information

Report NO : 042242-02
Test Mode : Mode 5
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



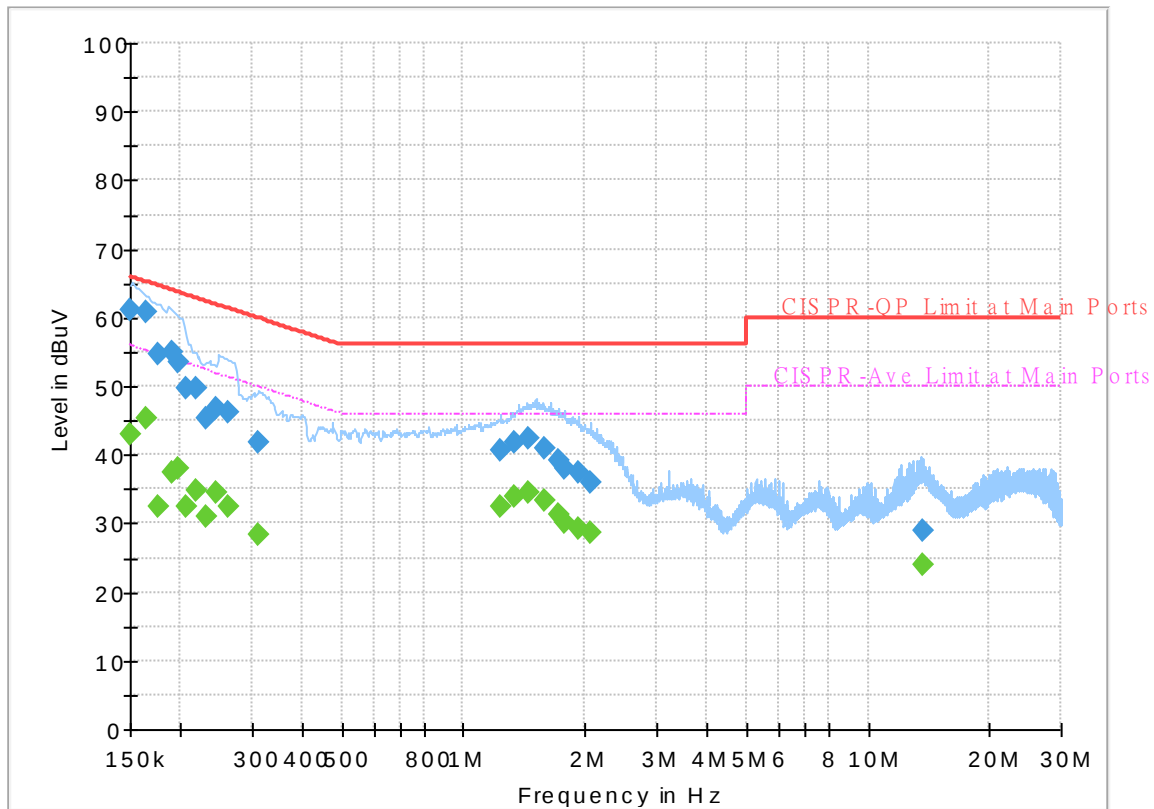
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154860	---	36.86	55.74	18.88	N	OFF	19.5
0.154860	48.61	---	65.74	17.13	N	OFF	19.5
0.235500	---	32.15	52.25	20.10	N	OFF	19.5
0.235500	42.47	---	62.25	19.78	N	OFF	19.5
0.471750	---	26.58	46.48	19.90	N	OFF	19.5
0.471750	36.37	---	56.48	20.11	N	OFF	19.5
1.581630	---	32.49	46.00	13.51	N	OFF	19.6
1.581630	36.52	---	56.00	19.48	N	OFF	19.6
4.780860	---	25.15	46.00	20.85	N	OFF	19.7
4.780860	28.03	---	56.00	27.97	N	OFF	19.7
20.323500	---	26.75	50.00	23.25	N	OFF	19.9
20.323500	29.80	---	60.00	30.20	N	OFF	19.9

EUT Information

Report NO : 042242-02
Test Mode : Mode 6
Test Voltage : Power From System
Phase : Line

Full Spectrum



Final_Result

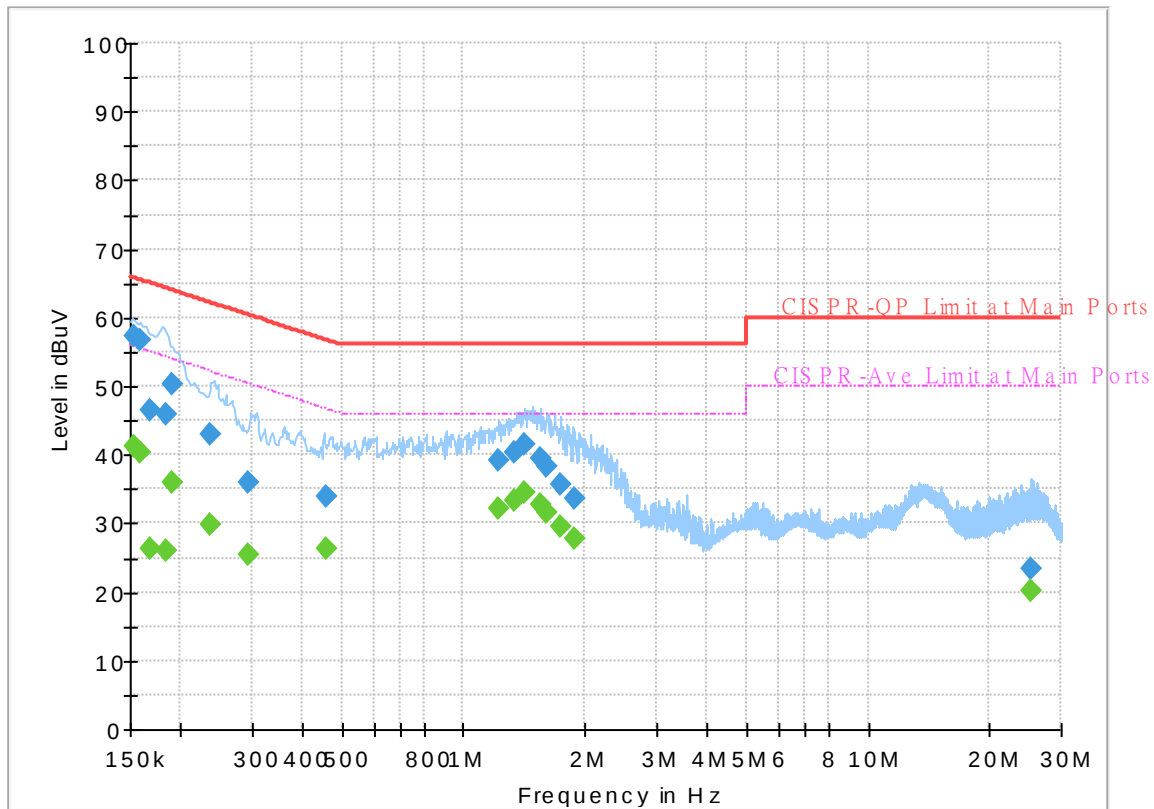
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	43.12	56.00	12.88	L1	OFF	19.5
0.150000	61.05	---	66.00	4.95	L1	OFF	19.5
0.164220	---	45.24	55.25	10.01	L1	OFF	19.5
0.164220	60.81	---	65.25	4.44	L1	OFF	19.5
0.176640	---	32.38	54.64	22.26	L1	OFF	19.5
0.176640	54.73	---	64.64	9.91	L1	OFF	19.5
0.189780	---	37.48	54.05	16.57	L1	OFF	19.5
0.189780	54.95	---	64.05	9.10	L1	OFF	19.5
0.197250	---	38.14	53.73	15.59	L1	OFF	19.5
0.197250	53.42	---	63.73	10.31	L1	OFF	19.5
0.206250	---	32.48	53.36	20.88	L1	OFF	19.5
0.206250	49.77	---	63.36	13.59	L1	OFF	19.5
0.217500	---	34.66	52.91	18.25	L1	OFF	19.5
0.217500	49.67	---	62.91	13.24	L1	OFF	19.5
0.231831	---	31.10	52.38	21.28	L1	OFF	19.5
0.231831	45.42	---	62.38	16.96	L1	OFF	19.5
0.244500	---	34.46	51.94	17.48	L1	OFF	19.5
0.244500	46.80	---	61.94	15.14	L1	OFF	19.5
0.262500	---	32.38	51.35	18.97	L1	OFF	19.5
0.262500	46.08	---	61.35	15.27	L1	OFF	19.5
0.312000	---	28.46	49.92	21.46	L1	OFF	19.5

0.312000	41.77	---	59.92	18.15	L1	OFF	19.5
1.238730	---	32.37	46.00	13.63	L1	OFF	19.6
1.238730	40.50	---	56.00	15.50	L1	OFF	19.6
1.330350	---	33.80	46.00	12.20	L1	OFF	19.6
1.330350	41.87	---	56.00	14.13	L1	OFF	19.6
1.443750	---	34.54	46.00	11.46	L1	OFF	19.6
1.443750	42.43	---	56.00	13.57	L1	OFF	19.6
1.581000	---	33.38	46.00	12.62	L1	OFF	19.6
1.581000	41.02	---	56.00	14.98	L1	OFF	19.6
1.717170	---	31.41	46.00	14.59	L1	OFF	19.6
1.717170	39.04	---	56.00	16.96	L1	OFF	19.6
1.786470	---	30.24	46.00	15.76	L1	OFF	19.6
1.786470	37.88	---	56.00	18.12	L1	OFF	19.6
1.918770	---	29.31	46.00	16.69	L1	OFF	19.6
1.918770	37.37	---	56.00	18.63	L1	OFF	19.6
2.053500	---	28.53	46.00	17.47	L1	OFF	19.6
2.053500	36.03	---	56.00	19.97	L1	OFF	19.6
13.645050	---	23.85	50.00	26.15	L1	OFF	19.8
13.645050	29.04	---	60.00	30.96	L1	OFF	19.8

EUT Information

Report NO : 042242-02
Test Mode : Mode 6
Test Voltage : Power From System
Phase : Neutral

Full Spectrum



Final_Result

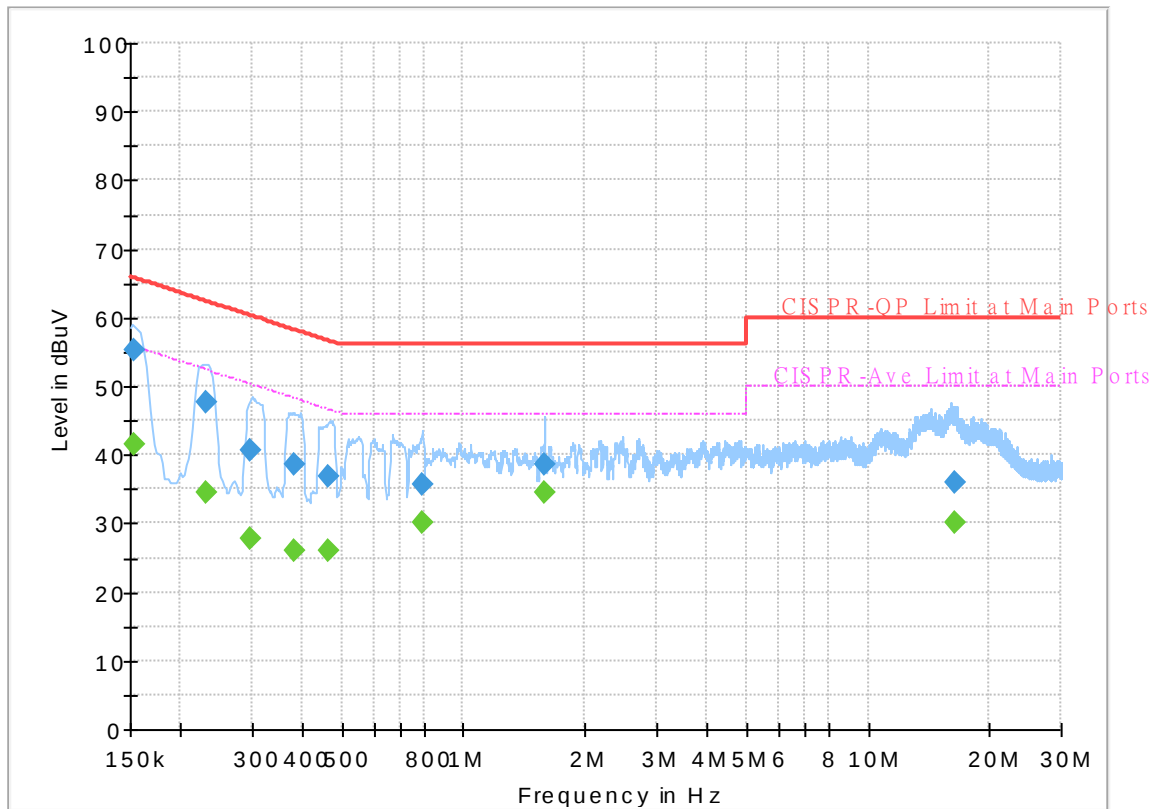
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153105	---	41.30	55.83	14.53	N	OFF	19.5
0.153105	57.33	---	65.83	8.50	N	OFF	19.5
0.159000	---	40.29	55.52	15.23	N	OFF	19.5
0.159000	56.80	---	65.52	8.72	N	OFF	19.5
0.168000	---	26.44	55.06	28.62	N	OFF	19.5
0.168000	46.54	---	65.06	18.52	N	OFF	19.5
0.183750	---	26.03	54.31	28.28	N	OFF	19.5
0.183750	45.88	---	64.31	18.43	N	OFF	19.5
0.191310	---	35.86	53.98	18.12	N	OFF	19.5
0.191310	50.44	---	63.98	13.54	N	OFF	19.5
0.237750	---	29.80	52.17	22.37	N	OFF	19.5
0.237750	43.12	---	62.17	19.05	N	OFF	19.5
0.294000	---	25.40	50.41	25.01	N	OFF	19.5
0.294000	35.86	---	60.41	24.55	N	OFF	19.5
0.456000	---	26.20	46.77	20.57	N	OFF	19.5
0.456000	33.98	---	56.77	22.79	N	OFF	19.5
1.227570	---	32.02	46.00	13.98	N	OFF	19.6
1.227570	39.25	---	56.00	16.75	N	OFF	19.6
1.344750	---	33.46	46.00	12.54	N	OFF	19.6
1.344750	40.45	---	56.00	15.55	N	OFF	19.6
1.414680	---	34.36	46.00	11.64	N	OFF	19.6

1.414680	41.38	---	56.00	14.62	N	OFF	19.6
1.545000	---	32.77	46.00	13.23	N	OFF	19.6
1.545000	39.53	---	56.00	16.47	N	OFF	19.6
1.610250	---	31.61	46.00	14.39	N	OFF	19.6
1.610250	38.39	---	56.00	17.61	N	OFF	19.6
1.747140	---	29.53	46.00	16.47	N	OFF	19.6
1.747140	35.76	---	56.00	20.24	N	OFF	19.6
1.875750	---	27.88	46.00	18.12	N	OFF	19.6
1.875750	33.67	---	56.00	22.33	N	OFF	19.6
25.356750	---	20.22	50.00	29.78	N	OFF	20.0
25.356750	23.44	---	60.00	36.56	N	OFF	20.0

EUT Information

Report NO : 042242-02
Test Mode : Mode 7
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



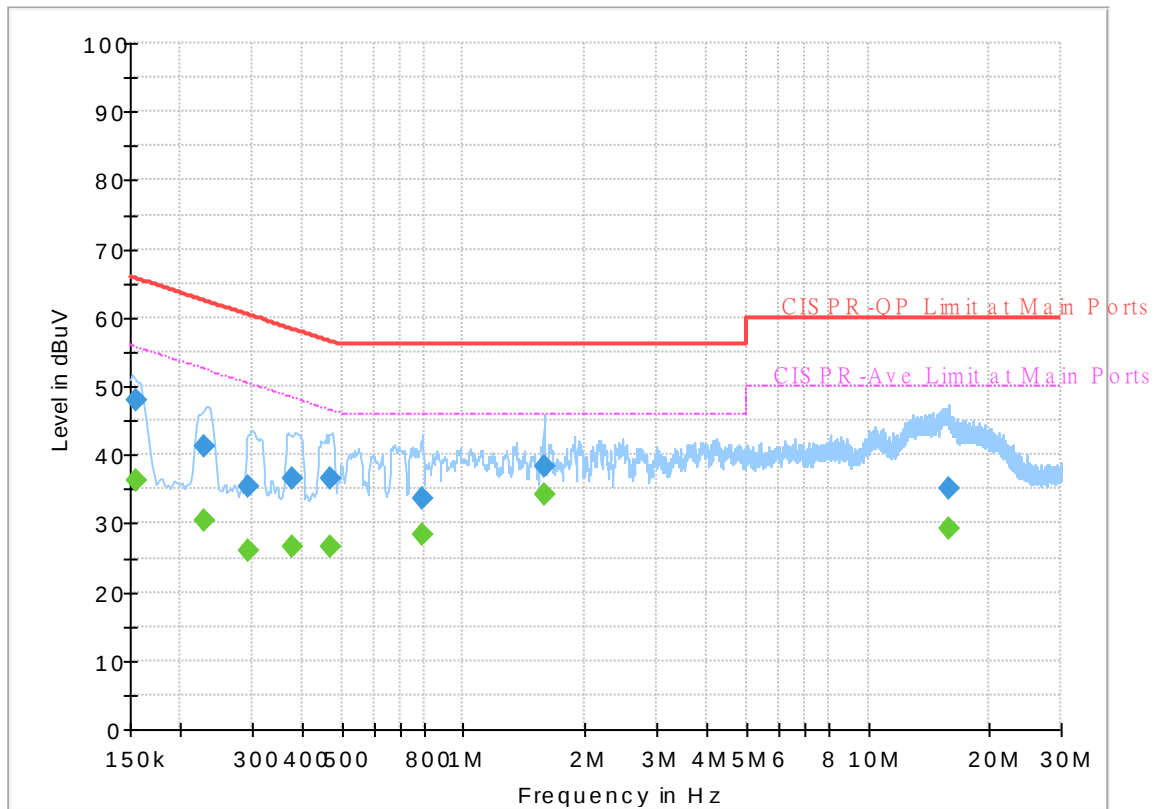
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152633	---	41.53	55.86	14.33	L1	OFF	19.6
0.152633	55.32	---	65.86	10.54	L1	OFF	19.6
0.230820	---	34.40	52.42	18.02	L1	OFF	19.6
0.230820	47.72	---	62.42	14.70	L1	OFF	19.6
0.296250	---	27.88	50.35	22.47	L1	OFF	19.6
0.296250	40.79	---	60.35	19.56	L1	OFF	19.6
0.381480	---	26.08	48.25	22.17	L1	OFF	19.6
0.381480	38.62	---	58.25	19.63	L1	OFF	19.6
0.462210	---	26.06	46.65	20.59	L1	OFF	19.6
0.462210	36.78	---	56.65	19.87	L1	OFF	19.6
0.791790	---	30.05	46.00	15.95	L1	OFF	19.6
0.791790	35.55	---	56.00	20.45	L1	OFF	19.6
1.582170	---	34.41	46.00	11.59	L1	OFF	19.6
1.582170	38.66	---	56.00	17.34	L1	OFF	19.6
16.309320	---	30.15	50.00	19.85	L1	OFF	20.3
16.309320	35.99	---	60.00	24.01	L1	OFF	20.3

EUT Information

Report NO : 042242-02
Test Mode : Mode 7
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



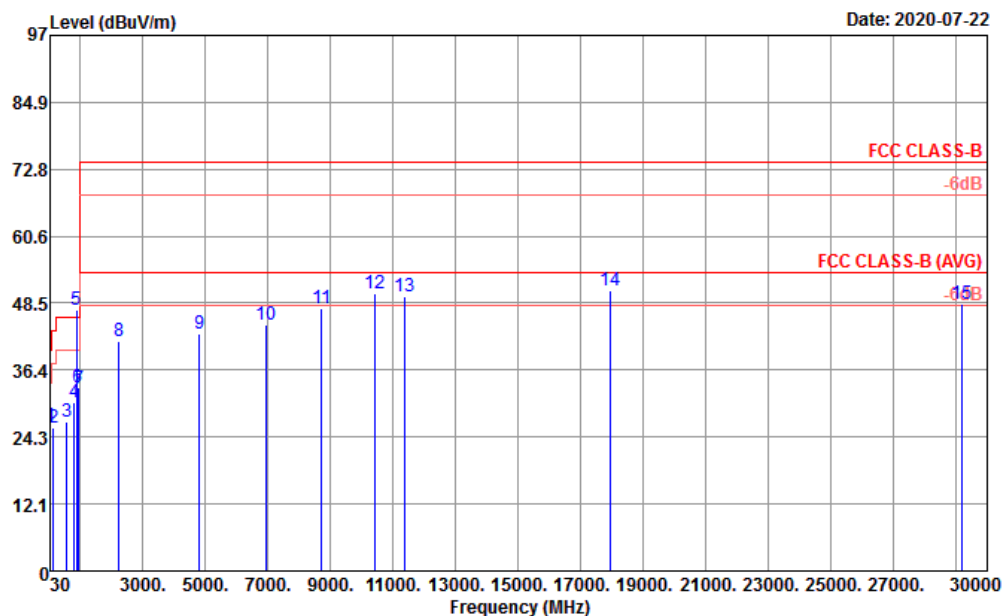
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154455	---	36.17	55.76	19.59	N	OFF	19.5
0.154455	47.84	---	65.76	17.92	N	OFF	19.5
0.229290	---	30.32	52.48	22.16	N	OFF	19.5
0.229290	41.22	---	62.48	21.26	N	OFF	19.5
0.294000	---	26.00	50.41	24.41	N	OFF	19.5
0.294000	35.28	---	60.41	25.13	N	OFF	19.5
0.377250	---	26.62	48.34	21.72	N	OFF	19.5
0.377250	36.59	---	58.34	21.75	N	OFF	19.5
0.467250	---	26.63	46.56	19.93	N	OFF	19.5
0.467250	36.61	---	56.56	19.95	N	OFF	19.5
0.792960	---	28.51	46.00	17.49	N	OFF	19.6
0.792960	33.73	---	56.00	22.27	N	OFF	19.6
1.581270	---	34.23	46.00	11.77	N	OFF	19.6
1.581270	38.27	---	56.00	17.73	N	OFF	19.6
15.897750	---	29.23	50.00	20.77	N	OFF	19.9
15.897750	34.99	---	60.00	25.01	N	OFF	19.9



Appendix B. Radiated Emission Test Result

Mode :	Mode 1	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		

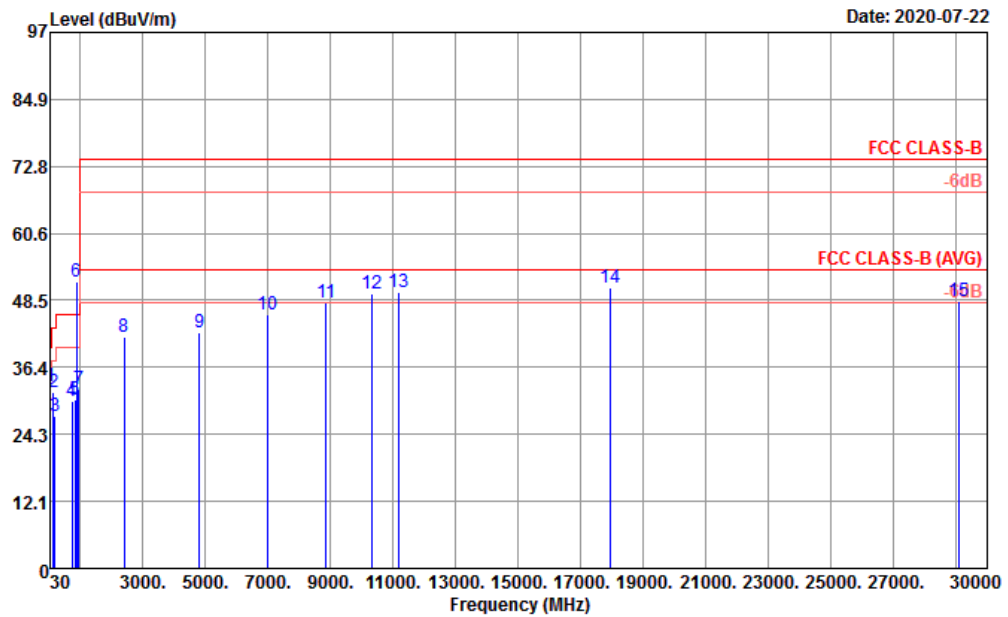


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 1

	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	46.49	26.29	-13.71	40.00	16.14	41.90	0.72	32.47	---	---	Peak
2	146.40	25.85	-17.65	43.50	17.33	39.53	1.30	32.31	---	---	Peak
3	561.56	26.90	-19.10	46.00	26.28	30.50	2.61	32.49	---	---	Peak
4	793.39	30.47	-15.53	46.00	28.05	31.52	3.12	32.22	---	---	Peak
5 *	881.66	47.25			28.98	46.61	3.32	31.66	---	---	Peak
6	929.19	33.22	-12.78	46.00	29.49	31.54	3.41	31.22	100	0	Peak
7	958.29	32.99	-13.01	46.00	30.64	29.78	3.47	30.90	---	---	Peak
8	2242.00	41.54	-32.46	74.00	27.92	65.69	5.71	57.78	---	---	Peak
9	4808.00	43.06	-30.94	74.00	31.20	61.88	8.47	58.49	---	---	Peak
10	6934.00	44.70	-29.30	74.00	35.17	58.93	10.19	59.59	---	---	Peak
11	8722.00	47.55	-26.45	74.00	37.64	58.74	11.62	60.45	---	---	Peak
12	10432.00	50.16	-23.84	74.00	39.76	58.03	12.44	60.07	---	---	Peak
13	11372.00	49.63	-24.37	74.00	39.74	55.75	13.07	58.93	---	---	Peak
14	17955.00	50.75	-23.25	74.00	47.38	47.37	15.36	59.36	100	0	Peak
15	29198.00	48.39	-25.61	74.00	40.86	47.63	24.32	54.88	---	---	Peak



Mode :	Mode 1	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 s system simulator signal which can be ignored.		

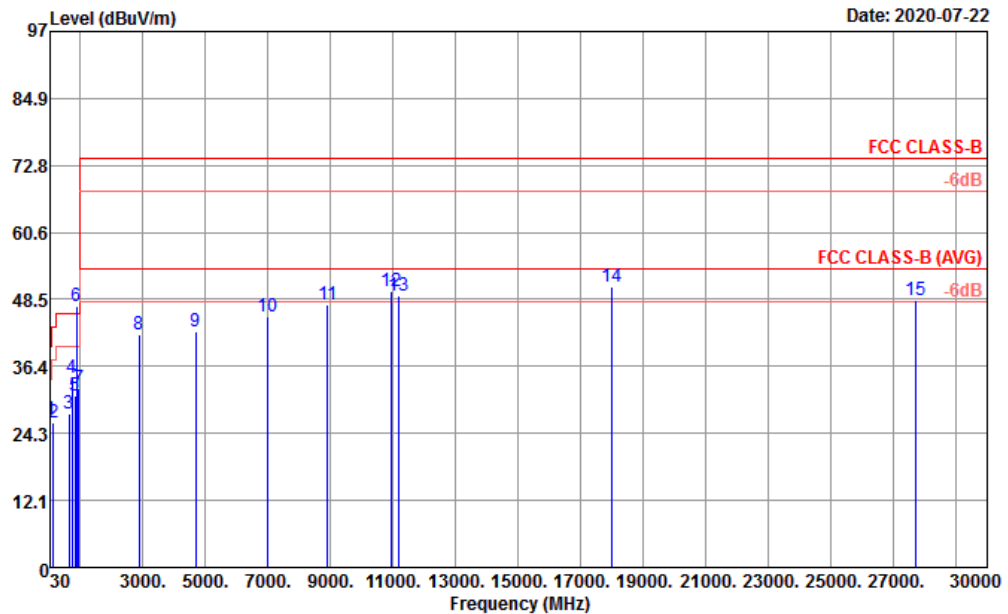


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 1

	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	47.46	32.91	-7.09	40.00	15.61	49.04	0.73	32.47	100	0	Peak
2	147.37	31.82	-11.68	43.50	17.27	45.56	1.30	32.31	---	---	Peak
3	173.56	27.67	-15.83	43.50	15.49	43.06	1.41	32.29	---	---	Peak
4	742.95	30.24	-15.76	46.00	27.99	31.55	3.01	32.31	---	---	Peak
5	829.28	30.47	-15.53	46.00	28.24	31.03	3.21	32.01	---	---	Peak
6 *	881.66	52.01			28.98	51.37	3.32	31.66	---	---	Peak
7	954.41	32.33	-13.67	46.00	30.82	28.99	3.46	30.94	---	---	Peak
8	2390.00	41.77	-32.23	74.00	27.64	65.97	5.93	57.77	---	---	Peak
9	4812.00	42.80	-31.20	74.00	31.20	61.61	8.48	58.49	---	---	Peak
10	6998.00	45.80	-28.20	74.00	35.39	59.69	10.31	59.59	---	---	Peak
11	8850.00	48.01	-25.99	74.00	38.00	59.05	11.62	60.66	---	---	Peak
12	10344.00	49.85	-24.15	74.00	39.59	58.00	12.38	60.12	---	---	Peak
13	11198.00	50.09	-23.91	74.00	39.51	56.57	12.95	58.94	---	---	Peak
14	17940.00	50.89	-23.11	74.00	46.98	47.89	15.36	59.34	100	0	Peak
15	29088.00	48.28	-25.72	74.00	40.88	47.51	24.27	54.84	---	---	Peak



Mode :	Mode 2	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

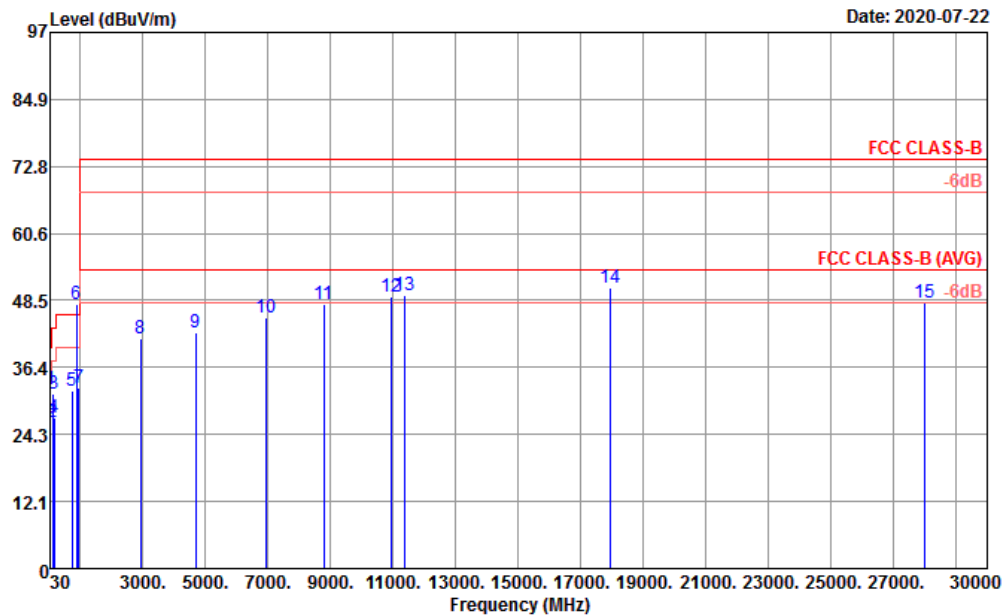


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 2

	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	46.49	26.66	-13.34	40.00	16.14	42.27	0.72	32.47	---	---	Peak
2	144.46	26.12	-17.38	43.50	17.34	39.81	1.29	32.32	---	---	Peak
3	633.34	27.74	-18.26	46.00	26.30	31.15	2.78	32.49	---	---	Peak
4	729.37	34.45	-11.55	46.00	27.49	36.31	2.99	32.34	100	0	Peak
5	826.37	31.13	-14.87	46.00	28.14	31.82	3.20	32.03	---	---	Peak
6 *	881.66	47.29		28.98	46.65	3.32	31.66	---	---	---	Peak
7	950.53	32.32	-13.68	46.00	30.72	29.13	3.45	30.98	---	---	Peak
8	2876.00	42.10	-31.90	74.00	28.40	65.22	6.50	58.02	---	---	Peak
9	4676.00	42.58	-31.42	74.00	31.20	61.54	8.32	58.48	---	---	Peak
10	6980.00	45.36	-28.64	74.00	35.32	59.36	10.27	59.59	---	---	Peak
11	8902.00	47.68	-26.32	74.00	37.89	58.95	11.58	60.74	---	---	Peak
12	10954.00	49.99	-24.01	74.00	40.20	56.05	12.79	59.05	---	---	Peak
13	11166.00	49.31	-24.69	74.00	39.60	55.72	12.93	58.94	---	---	Peak
14	17975.00	50.70	-23.30	74.00	47.92	46.79	15.37	59.38	100	0	Peak
15	27702.00	48.33	-25.67	74.00	40.34	47.88	23.39	53.74	---	---	Peak



Mode :	Mode 2	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

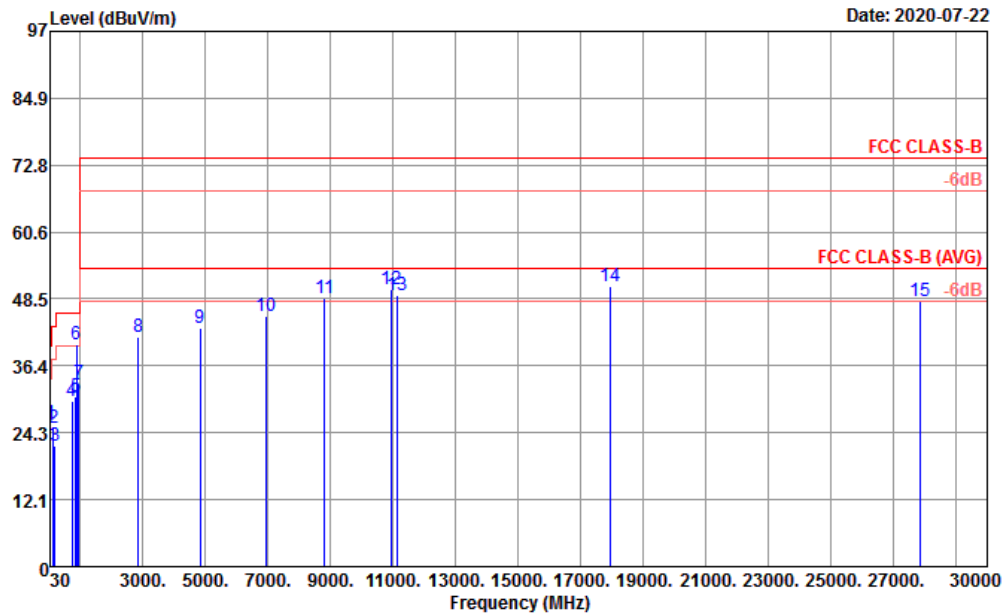


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 2

	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	47.46	32.34	-7.66	40.00	15.61	48.47	0.73	32.47	100	0 Peak
2	104.69	26.60	-16.90	43.50	16.69	41.18	1.09	32.36	---	---
3	146.40	31.58	-11.92	43.50	17.33	45.26	1.30	32.31	---	---
4	172.59	27.24	-16.26	43.50	15.52	42.60	1.41	32.29	---	---
5	729.37	32.10	-13.90	46.00	27.49	33.96	2.99	32.34	---	---
6 *	881.66	47.74			28.98	47.10	3.32	31.66	---	---
7	954.41	32.70	-13.30	46.00	30.82	29.36	3.46	30.94	---	---
8	2918.00	41.58	-32.42	74.00	28.46	64.63	6.54	58.05	---	---
9	4682.00	42.56	-31.44	74.00	31.23	61.48	8.33	58.48	---	---
10	6936.00	45.48	-28.52	74.00	35.17	59.71	10.19	59.59	---	---
11	8774.00	47.93	-26.07	74.00	37.84	58.97	11.65	60.53	---	---
12	10950.00	49.22	-24.78	74.00	40.20	55.29	12.79	59.06	---	---
13	11358.00	49.37	-24.63	74.00	39.72	55.52	13.06	58.93	---	---
14	17955.00	50.76	-23.24	74.00	47.38	47.38	15.36	59.36	100	0 Peak
15	28010.00	48.22	-25.78	74.00	40.40	47.73	23.73	54.10	---	---



Mode :	Mode 3	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

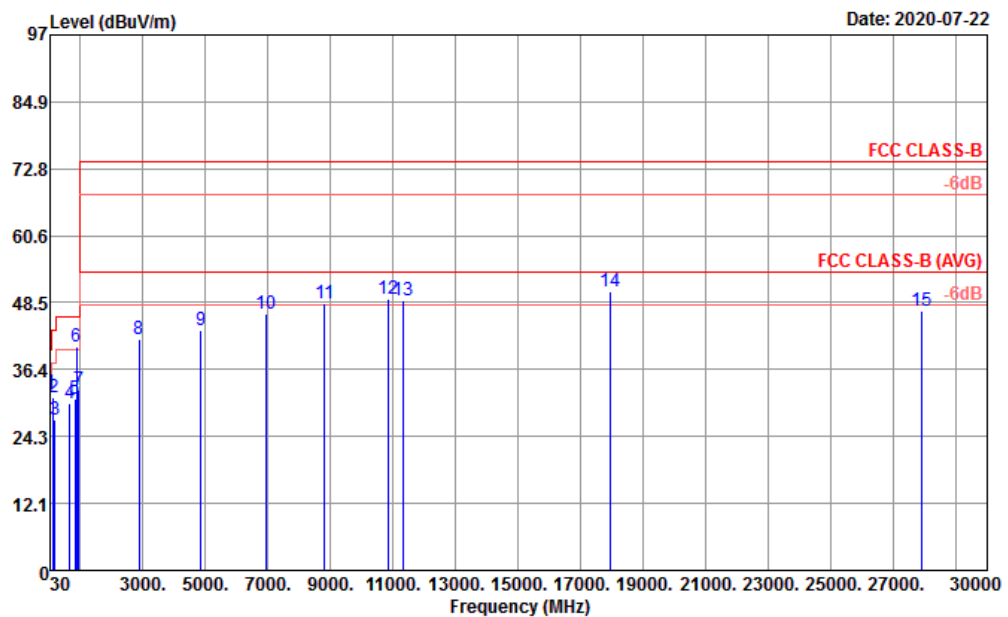


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 3

	Freq	Level	Over Limit	Limit	Antenna	Read	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1	46.49	25.84	-14.16	40.00	16.14	41.45	0.72	32.47	---	---	Peak
2	147.37	25.20	-18.30	43.50	17.27	38.94	1.30	32.31	---	---	Peak
3	174.53	21.98	-21.52	43.50	15.41	37.44	1.42	32.29	---	---	Peak
4	739.07	29.96	-16.04	46.00	27.85	31.43	3.00	32.32	---	---	Peak
5	852.56	30.67	-15.33	46.00	28.98	30.29	3.26	31.86	---	---	Peak
6	881.50	40.32			28.99	39.67	3.32	31.66	---	---	Peak
7	945.68	33.30	-12.70	46.00	30.42	30.48	3.44	31.04	100	0	Peak
8	2854.00	41.74	-32.26	74.00	28.32	64.94	6.48	58.00	---	---	Peak
9	4842.00	43.11	-30.89	74.00	31.20	61.88	8.52	58.49	---	---	Peak
10	6950.00	45.29	-28.71	74.00	35.20	59.46	10.22	59.59	---	---	Peak
11	8812.00	48.67	-25.33	74.00	38.00	59.62	11.65	60.60	---	---	Peak
12	10932.00	50.24	-23.76	74.00	40.20	56.37	12.77	59.10	---	---	Peak
13	11154.00	49.25	-24.75	74.00	39.64	55.63	12.92	58.94	---	---	Peak
14	17945.00	50.74	-23.26	74.00	47.12	47.60	15.36	59.34	100	0	Peak
15	27856.00	48.22	-25.78	74.00	40.37	47.76	23.56	53.93	---	---	Peak



Mode :	Mode 3	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

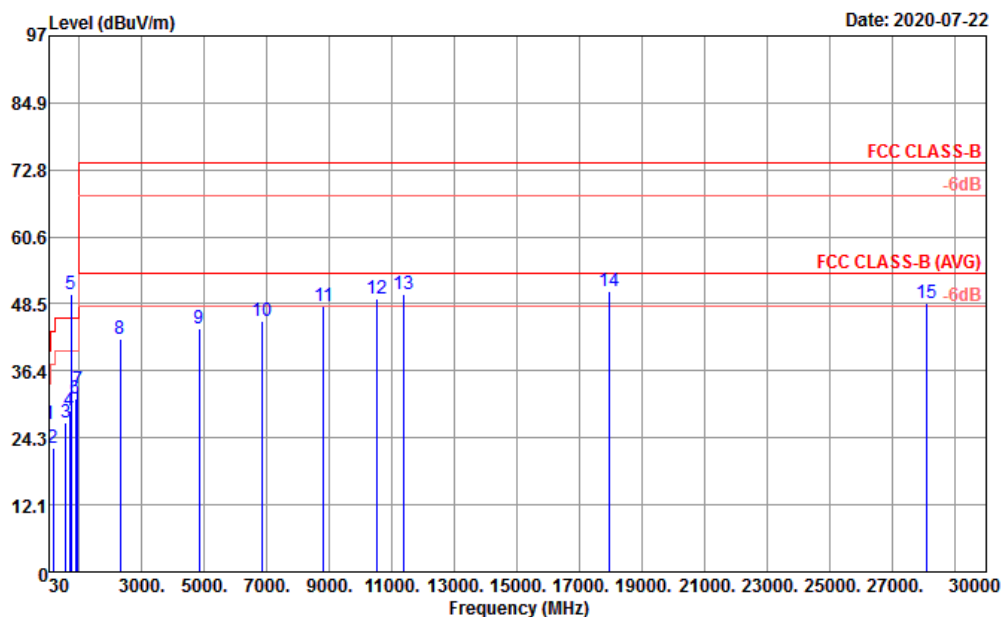


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 3

	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	47.46	32.21	-7.79	40.00	15.61	48.34	0.73	32.47	100	0	Peak
2	148.34	31.26	-12.24	43.50	17.20	45.07	1.30	32.31	---	---	Peak
3	177.44	27.26	-16.24	43.50	15.20	42.91	1.43	32.28	---	---	Peak
4	650.80	30.22	-15.78	46.00	26.40	33.45	2.83	32.46	---	---	Peak
5	838.98	31.01	-14.99	46.00	28.79	30.94	3.23	31.95	---	---	Peak
6	881.50	40.56			28.99	39.91	3.32	31.66	---	---	Peak
7	954.41	32.61	-13.39	46.00	30.82	29.27	3.46	30.94	---	---	Peak
8	2866.00	41.88	-32.12	74.00	28.36	65.04	6.49	58.01	---	---	Peak
9	4846.00	43.46	-30.54	74.00	31.20	62.22	8.53	58.49	---	---	Peak
10	6954.00	46.45	-27.55	74.00	35.22	60.60	10.22	59.59	---	---	Peak
11	8816.00	48.36	-25.64	74.00	38.00	59.31	11.65	60.60	---	---	Peak
12	10850.00	49.13	-24.87	74.00	40.20	55.48	12.72	59.27	---	---	Peak
13	11342.00	48.93	-25.07	74.00	39.68	55.13	13.05	58.93	---	---	Peak
14	17965.00	50.42	-23.58	74.00	47.65	46.78	15.36	59.37	100	0	Peak
15	27922.00	47.02	-26.98	74.00	40.38	46.55	23.64	54.01	---	---	Peak



Mode :	Mode 4	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		

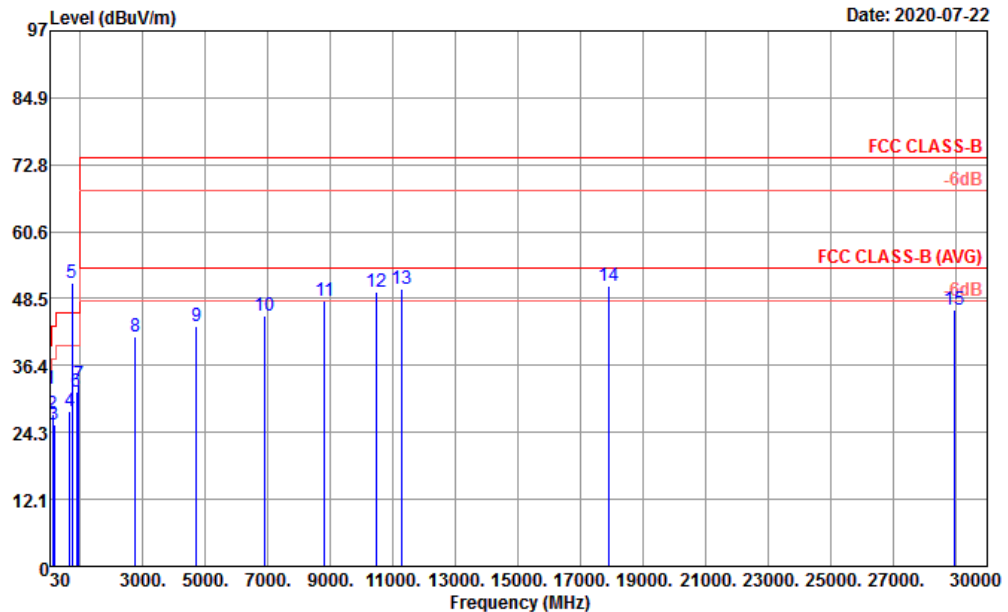


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 4

	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	46.49	26.73	-13.27	40.00	16.14	42.34	0.72	32.47	---	---	Peak
2	150.28	22.44	-21.06	43.50	17.26	36.18	1.31	32.31	---	---	Peak
3	566.41	27.15	-18.85	46.00	26.21	30.82	2.62	32.50	---	---	Peak
4	695.42	29.25	-16.75	46.00	26.60	32.12	2.93	32.40	---	---	Peak
5 *	737.50	50.13			27.75	51.70	3.00	32.32	---	---	Peak
6	866.14	31.22	-14.78	46.00	29.20	30.50	3.29	31.77	---	---	Peak
7	944.71	32.93	-13.07	46.00	30.36	30.18	3.44	31.05	100	0	Peak
8	2300.00	42.17	-31.83	74.00	27.80	66.35	5.80	57.78	---	---	Peak
9	4824.00	44.09	-29.91	74.00	31.20	62.89	8.49	58.49	---	---	Peak
10	6854.00	45.42	-28.58	74.00	34.82	60.15	10.04	59.59	---	---	Peak
11	8816.00	48.22	-25.78	74.00	38.00	59.17	11.65	60.60	---	---	Peak
12	10524.00	49.43	-24.57	74.00	39.85	57.06	12.50	59.98	---	---	Peak
13	11356.00	50.35	-23.65	74.00	39.71	56.51	13.06	58.93	---	---	Peak
14	17925.00	50.77	-23.23	74.00	46.58	48.15	15.36	59.32	100	123	Peak
15	28076.00	48.62	-25.38	74.00	40.38	48.14	23.77	54.13	---	---	Peak



Mode :	Mode 4	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		

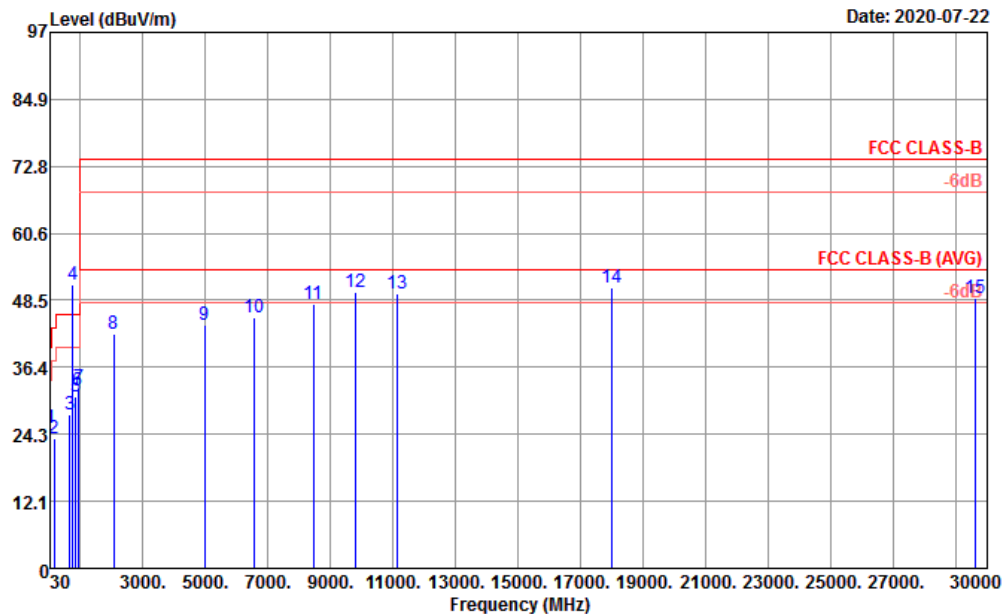


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 4

	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	46.49	32.16	-7.84	40.00	16.14	47.77	0.72	32.47	100	0 Peak
2	105.66	27.43	-16.07	43.50	16.67	42.02	1.09	32.35	---	---
3	150.28	25.60	-17.90	43.50	17.26	39.34	1.31	32.31	---	---
4	656.62	28.07	-17.93	46.00	26.41	31.28	2.84	32.46	---	---
5 *	737.50	51.20			27.75	52.77	3.00	32.32	---	---
6	876.81	31.52	-14.48	46.00	28.95	30.96	3.31	31.70	---	---
7	956.35	33.10	-12.90	46.00	30.75	29.81	3.46	30.92	---	---
8	2752.00	41.55	-32.45	74.00	27.91	65.21	6.37	57.94	---	---
9	4718.00	43.55	-30.45	74.00	31.26	62.40	8.37	58.48	---	---
10	6892.00	45.50	-28.50	74.00	35.05	59.93	10.11	59.59	---	---
11	8814.00	48.06	-25.94	74.00	38.00	59.01	11.65	60.60	---	---
12	10466.00	49.77	-24.23	74.00	39.83	57.53	12.46	60.05	---	---
13	11290.00	50.35	-23.65	74.00	39.59	56.68	13.01	58.93	---	---
14	17910.00	50.83	-23.17	74.00	46.17	48.60	15.36	59.30	100	0 Peak
15	28934.00	46.40	-27.60	74.00	40.82	45.66	24.19	54.73	---	---



Mode :	Mode 5	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		

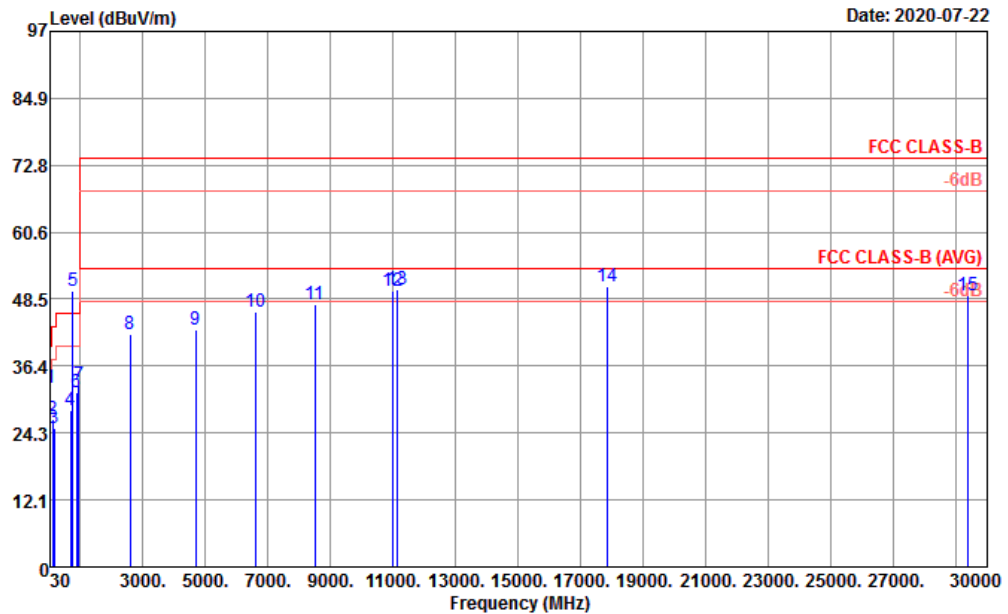


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 5

	Freq	Level	Over	Limit	Antenna	Read	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	dB	Line Factor	Level	Loss	Factor	cm	deg	
1	46.49	25.52	-14.48	40.00	16.14	41.13	0.72	32.47	---	---	Peak
2	169.68	23.48	-20.02	43.50	15.79	38.59	1.39	32.29	---	---	Peak
3	662.44	27.92	-18.08	46.00	26.36	31.15	2.86	32.45	---	---	Peak
4 *	751.00	51.45			28.02	52.71	3.02	32.30	---	---	Peak
5	848.68	31.13	-14.87	46.00	28.95	30.80	3.26	31.88	---	---	Peak
6	930.16	32.03	-13.97	46.00	29.54	30.29	3.41	31.21	---	---	Peak
7	951.50	32.62	-13.38	46.00	30.75	29.39	3.45	30.97	100	0	Peak
8	2068.00	42.52	-31.48	74.00	26.58	68.29	5.44	57.79	---	---	Peak
9	4980.00	44.17	-29.83	74.00	31.32	62.63	8.72	58.50	---	---	Peak
10	6580.00	45.30	-28.70	74.00	34.46	60.42	10.01	59.59	---	---	Peak
11	8444.00	47.96	-26.04	74.00	36.59	60.14	11.28	60.05	---	---	Peak
12	9794.00	49.90	-24.10	74.00	39.10	59.18	12.28	60.66	---	---	Peak
13	11116.00	49.70	-24.30	74.00	39.75	55.99	12.90	58.94	---	---	Peak
14	17990.00	50.88	-23.12	74.00	48.33	46.58	15.37	59.40	100	112	Peak
15	29638.00	49.02	-24.98	74.00	40.74	48.36	24.54	55.08	---	---	Peak



Mode :	Mode 5	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		

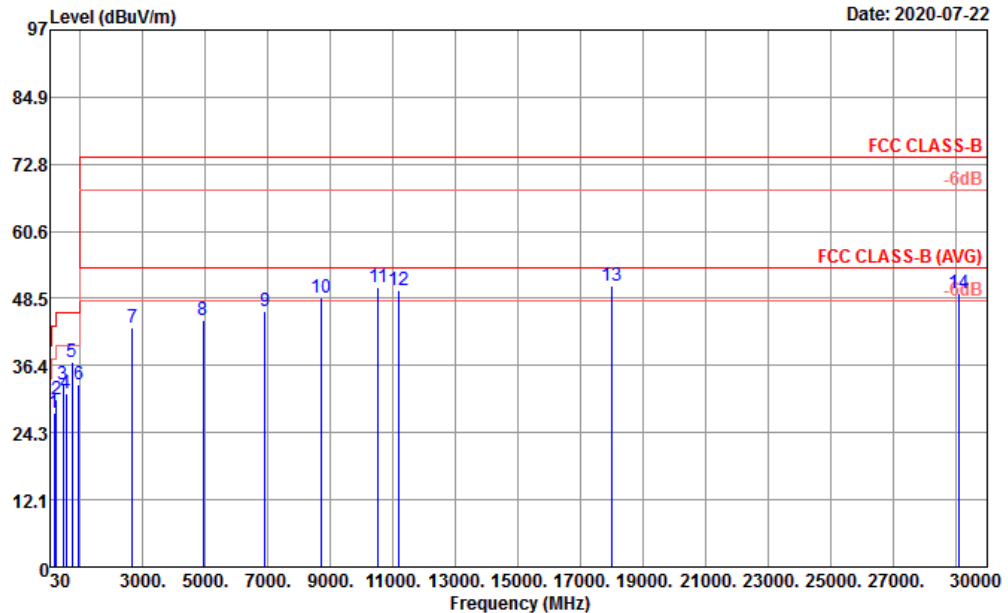


Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 5

	Freq	Level	Over	Limit	Antenna	Read	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1	46.49	32.51	-7.49	40.00	16.14	48.12	0.72	32.47	100	0	Peak
2	104.69	26.66	-16.84	43.50	16.69	41.24	1.09	32.36	---	---	Peak
3	150.28	25.15	-18.35	43.50	17.26	38.89	1.31	32.31	---	---	Peak
4	691.54	28.29	-17.71	46.00	26.51	31.26	2.92	32.40	---	---	Peak
5 *	751.00	49.99			28.02	51.25	3.02	32.30	---	---	Peak
6	865.17	31.62	-14.38	46.00	29.23	30.87	3.29	31.77	---	---	Peak
7	951.50	32.98	-13.02	46.00	30.75	29.75	3.45	30.97	---	---	Peak
8	2586.00	42.11	-31.89	74.00	27.50	66.25	6.19	57.83	---	---	Peak
9	4690.00	42.88	-31.12	74.00	31.26	61.76	8.34	58.48	---	---	Peak
10	6606.00	46.24	-27.76	74.00	34.49	61.32	10.02	59.59	---	---	Peak
11	8504.00	47.57	-26.43	74.00	36.92	59.36	11.39	60.10	---	---	Peak
12	10972.00	49.87	-24.13	74.00	40.20	55.88	12.80	59.01	---	---	Peak
13	11114.00	50.34	-23.66	74.00	39.76	56.62	12.90	58.94	---	---	Peak
14	17840.00	50.74	-23.26	74.00	44.88	49.73	15.35	59.22	100	126	Peak
15	29396.00	49.15	-24.85	74.00	40.82	48.41	24.42	54.96	---	---	Peak



Mode :	Mode 6	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal

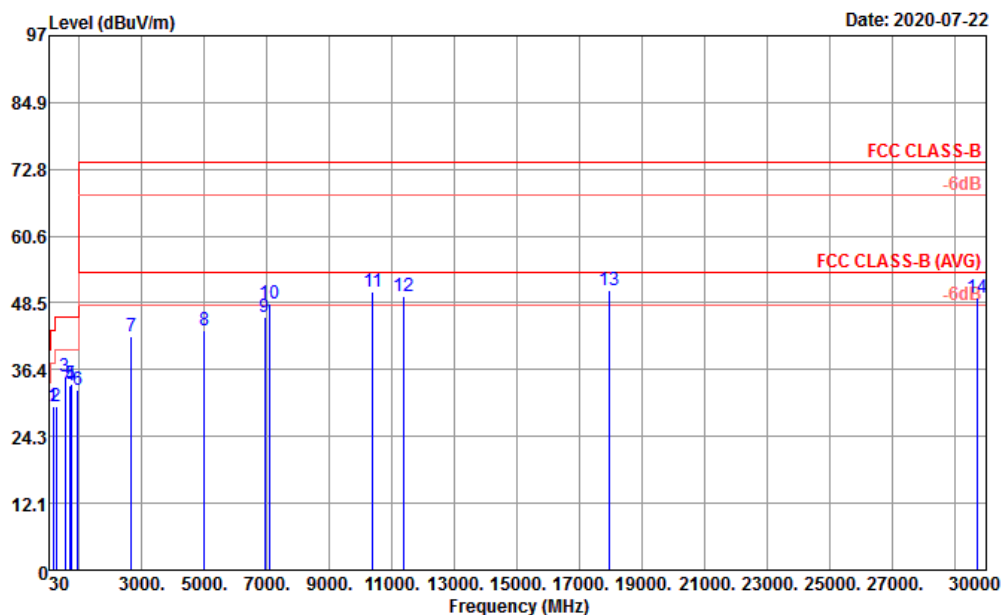


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
 Project : 042242-02
 Power : 120Vac/60Hz
 Mode : 6

	Freq	Level	Over	Limit	Antenna	Read	Cable	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	Limit	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg
1	156.10	27.96	-15.54	43.50	16.80	42.13	1.33	32.30	---	---	Peak
2	236.61	30.18	-15.82	46.00	16.84	43.90	1.66	32.22	---	---	Peak
3	444.19	33.03	-12.97	46.00	23.11	39.95	2.31	32.34	---	---	Peak
4	532.46	31.32	-14.68	46.00	24.17	37.06	2.54	32.45	---	---	Peak
5	729.37	37.14	-8.86	46.00	27.49	39.00	2.99	32.34	100	0	Peak
6	950.53	32.93	-13.07	46.00	30.72	29.74	3.45	30.98	---	---	Peak
7	2662.00	43.33	-30.67	74.00	27.72	67.21	6.28	57.88	---	---	Peak
8	4916.00	44.59	-29.41	74.00	31.20	63.25	8.63	58.49	---	---	Peak
9	6900.00	46.27	-27.73	74.00	35.10	60.64	10.12	59.59	---	---	Peak
10	8720.00	48.68	-25.32	74.00	37.64	59.87	11.62	60.45	---	---	Peak
11	10522.00	50.48	-23.52	74.00	39.86	58.10	12.50	59.98	---	---	Peak
12	11158.00	50.01	-23.99	74.00	39.63	56.39	12.93	58.94	---	---	Peak
13	17990.00	50.78	-23.22	74.00	48.33	46.48	15.37	59.40	100	0	Peak
14	29110.00	49.43	-24.57	74.00	40.88	48.65	24.28	54.84	---	---	Peak



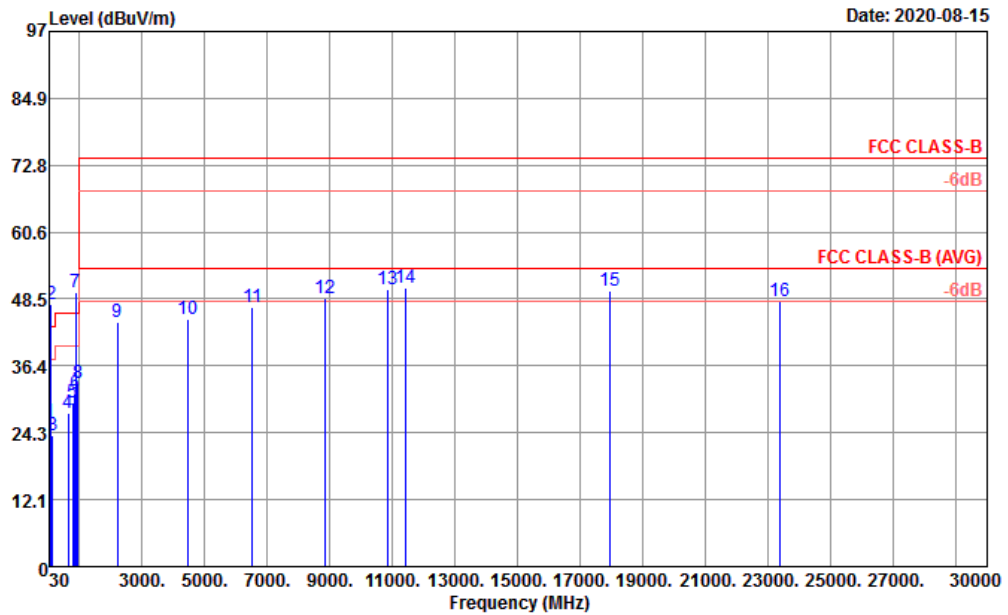
Mode :	Mode 6	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH10-HY
Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
Project : 042242-02
Power : 120Vac/60Hz
Mode : 6

	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	151.25	29.82	-13.68	43.50	17.15	43.66	1.32	32.31	---	---	Peak
2	264.74	29.61	-16.39	46.00	19.84	40.21	1.76	32.20	---	---	Peak
3	531.49	35.11	-10.89	46.00	24.14	40.88	2.54	32.45	100	0	Peak
4	713.85	33.41	-12.59	46.00	26.80	36.02	2.96	32.37	---	---	Peak
5	730.34	33.78	-12.22	46.00	27.53	35.60	2.99	32.34	---	---	Peak
6	943.74	32.81	-13.19	46.00	30.27	30.16	3.44	31.06	---	---	Peak
7	2666.00	42.31	-31.69	74.00	27.73	66.18	6.28	57.88	---	---	Peak
8	4992.00	43.41	-30.59	74.00	31.37	61.80	8.74	58.50	---	---	Peak
9	6932.00	45.83	-28.17	74.00	35.16	60.08	10.18	59.59	---	---	Peak
10	7082.00	48.37	-25.63	74.00	35.83	61.66	10.45	59.57	---	---	Peak
11	10384.00	50.52	-23.48	74.00	39.67	58.53	12.41	60.09	---	---	Peak
12	11362.00	49.71	-24.29	74.00	39.72	55.86	13.06	58.93	---	---	Peak
13	17955.00	50.71	-23.29	74.00	47.38	47.33	15.36	59.36	100	0	Peak
14	29704.00	49.49	-24.51	74.00	40.72	48.86	24.57	55.12	---	---	Peak

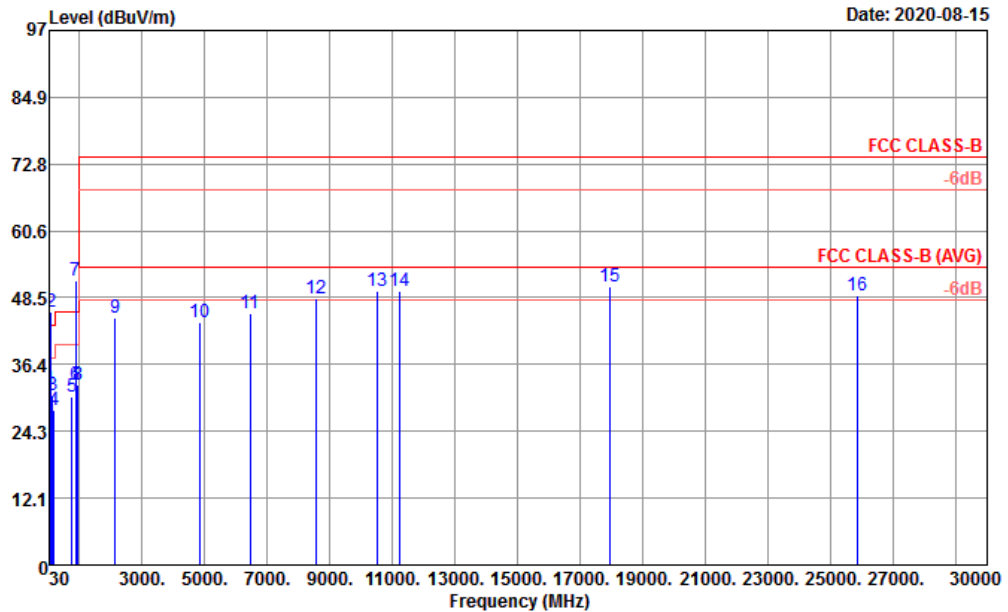
Mode :	Mode 7	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#2 is FM signal which can be ignored. #7 is system simulator signal which can be ignored.		



Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHFHORN_9170576 HORIZONTAL
 Project : 042242-02
 Power : 120Vac/60Hz
 Mode : 7

	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	43.58	26.10	-13.90	40.00	17.55	40.32	0.70	32.47	---	---	Peak
2 *	98.00	47.61			15.82	63.10	1.05	32.36	---	---	Peak
3	141.55	23.86	-19.64	43.50	17.37	37.53	1.28	32.32	---	---	Peak
4	644.01	27.93	-18.07	46.00	26.43	31.16	2.81	32.47	---	---	Peak
5	785.63	29.84	-16.16	46.00	28.08	30.89	3.11	32.24	---	---	Peak
6	854.50	31.21	-14.79	46.00	28.96	30.82	3.27	31.84	---	---	Peak
7 *	881.66	49.70			28.98	49.06	3.32	31.66	---	---	Peak
8	953.44	33.27	-12.73	46.00	30.79	29.97	3.46	30.95	100	0	Peak
9	2198.00	44.22	-29.78	74.00	27.98	68.38	5.64	57.78	---	---	Peak
10	4446.00	44.74	-29.26	74.00	30.38	64.85	7.99	58.48	---	---	Peak
11	6512.00	47.01	-26.99	74.00	34.25	62.37	9.98	59.59	---	---	Peak
12	8866.00	48.58	-25.42	74.00	37.97	59.68	11.61	60.68	---	---	Peak
13	10826.00	50.25	-23.75	74.00	40.20	56.68	12.70	59.33	---	---	Peak
14	11410.00	50.54	-23.46	74.00	39.80	56.58	13.09	58.93	100	146	Peak
15	17965.00	50.03	-23.97	74.00	47.65	46.39	15.36	59.37	---	---	Peak
16	23390.00	48.22	-25.78	74.00	38.92	50.96	21.12	53.24	---	---	Peak

Mode :	Mode 7	Temperature :	23~26°C
Test Engineer :	Donny Tang and Yu Wang	Relative Humidity :	62~65%
Test Distance :	3m	Polarization :	Vertical
Remark :	#2 is FM signal which can be ignored. #7 is system simulator signal which can be ignored.		



Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHFHORN_9170576 VERTICAL
 Project : 042242-02
 Power : 120Vac/60Hz
 Mode : 7

	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	44.55	31.82	-8.18	40.00	17.18	46.40	0.71	32.47	100	0	Peak
2 *	98.00	46.06			15.82	61.55	1.05	32.36	---	---	Peak
3	143.49	30.78	-12.72	43.50	17.40	44.42	1.28	32.32	---	---	Peak
4	174.53	28.07	-15.43	43.50	15.41	43.53	1.42	32.29	---	---	Peak
5	763.32	30.51	-15.49	46.00	28.01	31.73	3.05	32.28	---	---	Peak
6	866.14	32.67	-13.33	46.00	29.20	31.95	3.29	31.77	---	---	Peak
7 *	881.66	51.72			28.98	51.08	3.32	31.66	---	---	Peak
8	957.32	32.57	-13.43	46.00	30.70	29.32	3.46	30.91	---	---	Peak
9	2144.00	44.83	-29.17	74.00	27.52	69.54	5.55	57.78	---	---	Peak
10	4864.00	44.06	-29.94	74.00	31.20	62.80	8.55	58.49	---	---	Peak
11	6440.00	45.66	-28.34	74.00	33.94	61.29	9.94	59.51	---	---	Peak
12	8582.00	48.47	-25.53	74.00	37.33	59.83	11.53	60.22	---	---	Peak
13	10520.00	49.70	-24.30	74.00	39.86	57.33	12.50	59.99	---	---	Peak
14	11216.00	49.84	-24.16	74.00	39.52	56.30	12.96	58.94	---	---	Peak
15	17945.00	50.45	-23.55	74.00	47.12	47.31	15.36	59.34	100	155	Peak
16	25832.00	48.85	-25.15	74.00	39.27	51.09	21.40	53.37	---	---	Peak

—THE END—