



FCC EMI TEST REPORT

FCC ID : PY7-77089S
Equipment : GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS and NFC
Brand Name : Sony
Applicant : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Manufacturer : Sony Corporation
1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
Standard : FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Jun. 16, 2021 and testing was started from Jun. 19, 2021 and completed on Jun. 27, 2021. 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 333, Taiwan (R.O.C.)



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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 6.26 dB at 0.152 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 6.03 dB at 42.610 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: Keven Cheng

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, NFC, FM Receiver and GNSS

Product Specification subjective to this standard	
Antenna Type	WWAN: Loop Antenna WLAN 2.4GHz: <Chain 0>: Loop Antenna <Chain 1>: Loop Antenna WLAN 5GHz: <Chain 0>: Loop Antenna <Chain 1>: Monopole Antenna Bluetooth: Loop Antenna GPS/Glonass/Galileo/BDS: Loop Antenna NFC: Loop Antenna FM: Using earphone as Antenna

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	3.80	QV72000E9B	Conducted Emission
		QV72000E9B	Radiated Emission

Accessory List	
AC Adapter	Model Name : XQZ-UC1
	S/N: 0020W51300160
Earphone	Model Name : STH40D
	S/N : N/A
Bluetooth Earphone	Model Name : SBH82D
	S/N : N/A
USB Cable	Model Name : XQZ-UB1
	S/N : N/A

Note:

- Above EUT list used are electrically identical per declared by manufacturer.
- 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.
- 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 333, 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. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH10-HY (TAF Code: 3786)
Remark	The Radiated Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

FCC designation No.: TW1093 and TW1132

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

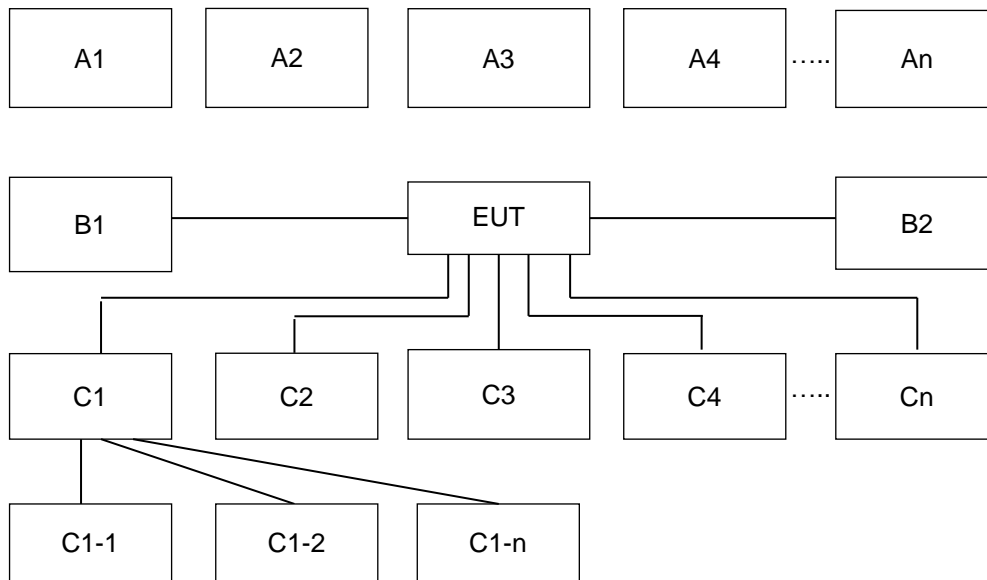
2.1. Test Mode

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
<p style="text-align: center;">AC Conducted Emission</p>	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE Band 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 5: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 6: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + FM (Middle Channel) Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 7: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)
<p style="text-align: center;">Radiated Emissions</p>	Mode 1: GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Front) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 2: WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Rear) + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 3: LTE Band 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 4: LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 5: LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 6: LTE Band 5 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + FM (High Channel) Rx + Earphone + Battery + USB Cable (Charging from Adapter)
	Mode 7: Flight Mode + Earphone + Battery + USB Cable (Data Link with Notebook)
<p>Remark:</p> <ol style="list-style-type: none"> 1. For radiation emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/13/17); 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. 3. For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report. 	

2.2. Connection Diagram of Test System



Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	2	3	4	5	6	7
A1	BT Earphone	Bluetooth	X	X	X	X	X	X	-
A2	System Simulator	GSM/UMTS/CDMA/ WCDMA/LTE	X	X	X	X	X	X	-
A3	GPS Station	GPS	-	-	-	-	X	-	-
A4	AP router	WiFi	X	X	X	X	X	X	-
No.	Power Source	Connection Type	1	2	3	4	5	6	7
B1	AC : 120V/60Hz	AC Power Cable	X	X	X	X	X	X	-
B2	Power from system	Type C 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	Brand 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.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	Notebook	DELL	Latitude5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
7.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
8.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A

2.4. EUT Operation Test Setup

The EUT was in GSM or WCDMA or LTE idle mode during the test. 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 Receiver 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.

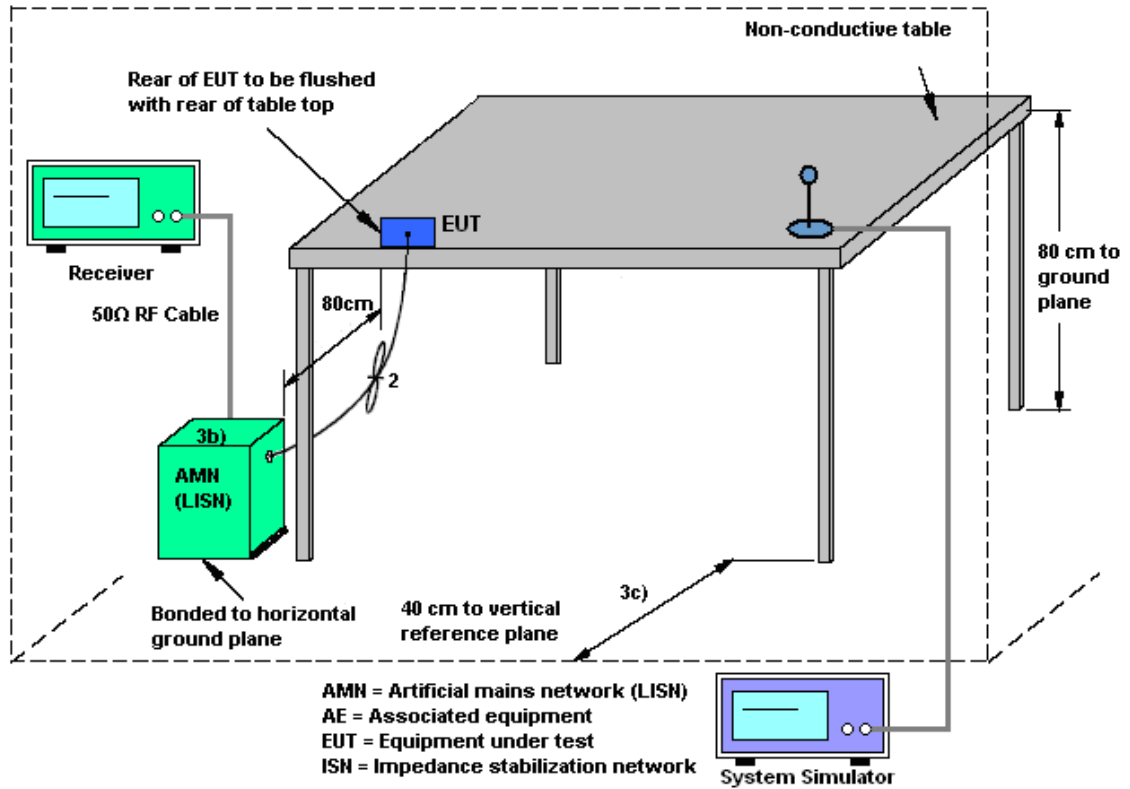
3.1.2. Measuring Instruments

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 shall 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

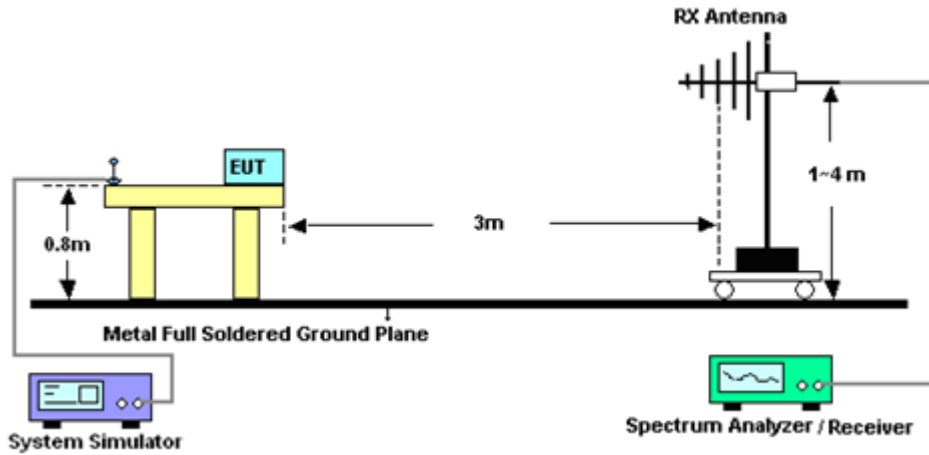
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

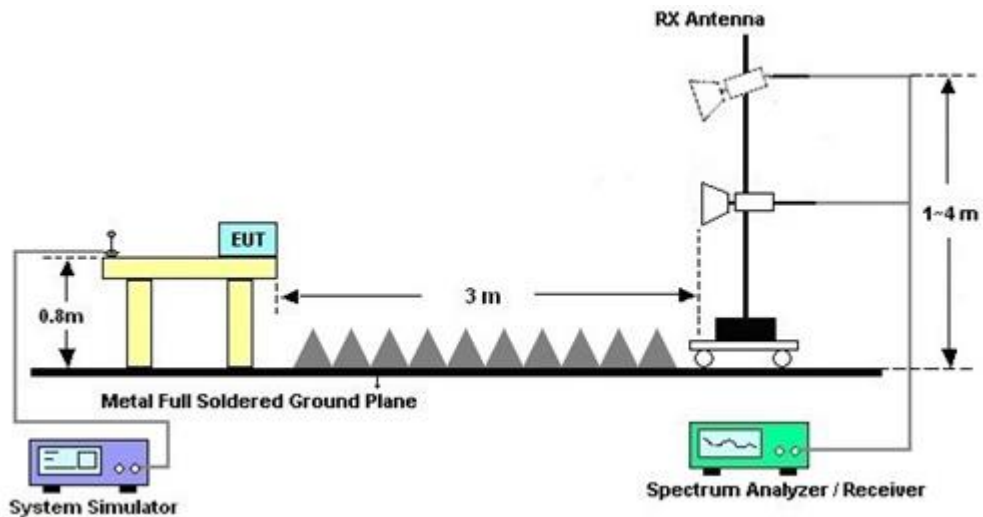
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna 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=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
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 (dB μ V/m) = 20 log Emission level (μ V/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
Amplifier	SONOMA	310N	187311	9kHz~1GHz	Oct. 21, 2020	Jun. 19, 2021~ Jun. 27, 2021	Oct. 20, 2021	Radiation (03CH10-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35413 & 02	30MHz~1GHz	Feb. 10, 2021	Jun. 19, 2021~ Jun. 27, 2021	Feb. 09, 2022	Radiation (03CH10-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Aug. 04, 2020	Jun. 19, 2021~ Jun. 27, 2021	Aug. 03, 2021	Radiation (03CH10-HY)
Preamplifier	Jet-Power	JAP00101800- 30-10P	160118550004	1GHz~18GHz	Mar. 01, 2021	Jun. 19, 2021~ Jun. 27, 2021	Feb. 28, 2022	Radiation (03CH10-HY)
Spectrum Analyzer	Keysight	N9010A	MY53470118	10Hz~44GHz	Jan. 15, 2021	Jun. 19, 2021~ Jun. 27, 2021	Jan. 14, 2022	Radiation (03CH10-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 19, 2021~ Jun. 27, 2021	N/A	Radiation (03CH10-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 19, 2021~ Jun. 27, 2021	N/A	Radiation (03CH10-HY)
Turn Table	EMEC	TT 2200	N/A	0~360 Degree	N/A	Jun. 19, 2021~ Jun. 27, 2021	N/A	Radiation (03CH10-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jun. 19, 2021~ Jun. 27, 2021	N/A	Radiation (03CH10-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Jan. 13, 2021	Jun. 19, 2021~ Jun. 27, 2021	Jan. 12, 2022	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/4PE, MY11693/4PE, MY2855/2	30MHz~1GHz	Nov. 06, 2020	Jun. 19, 2021~ Jun. 27, 2021	Nov. 05, 2021	Radiation (03CH10-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104 / 102	MY11692/4PE, MY11693/4PE, MY2855/2	1GHz~18GHz	Nov. 06, 2020	Jun. 19, 2021~ Jun. 27, 2021	Nov. 05, 2021	Radiation (03CH10-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 27, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Jun. 27, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Jun. 27, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Jun. 27, 2021	Nov. 30, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Jun. 27, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 27, 2021	N/A	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Jun. 27, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Jun. 27, 2021	Feb. 24, 2022	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 dB
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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 dB
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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 dB
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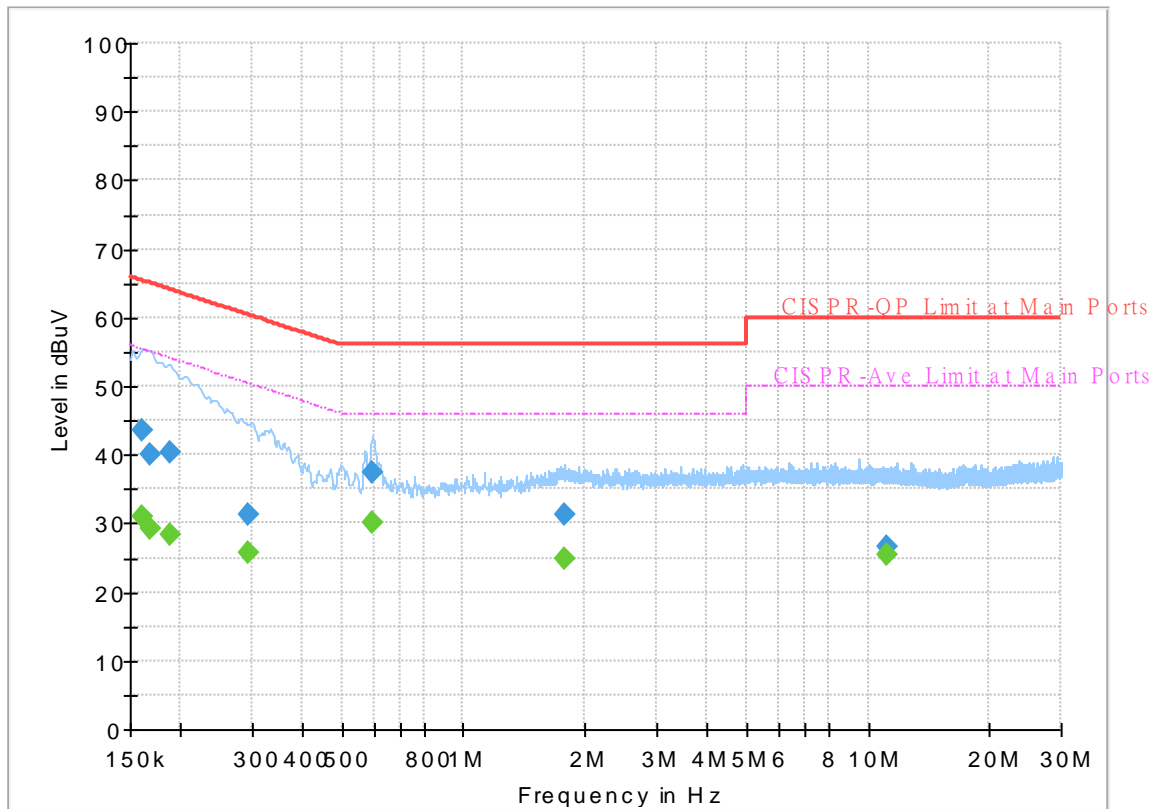
Appendix A. AC Conducted Emission Test Results

Test Engineer : Howard Huang	Temperature : 23~26°C
	Relative Humidity : 40~50%

EUT Information

Report NO : 133143
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



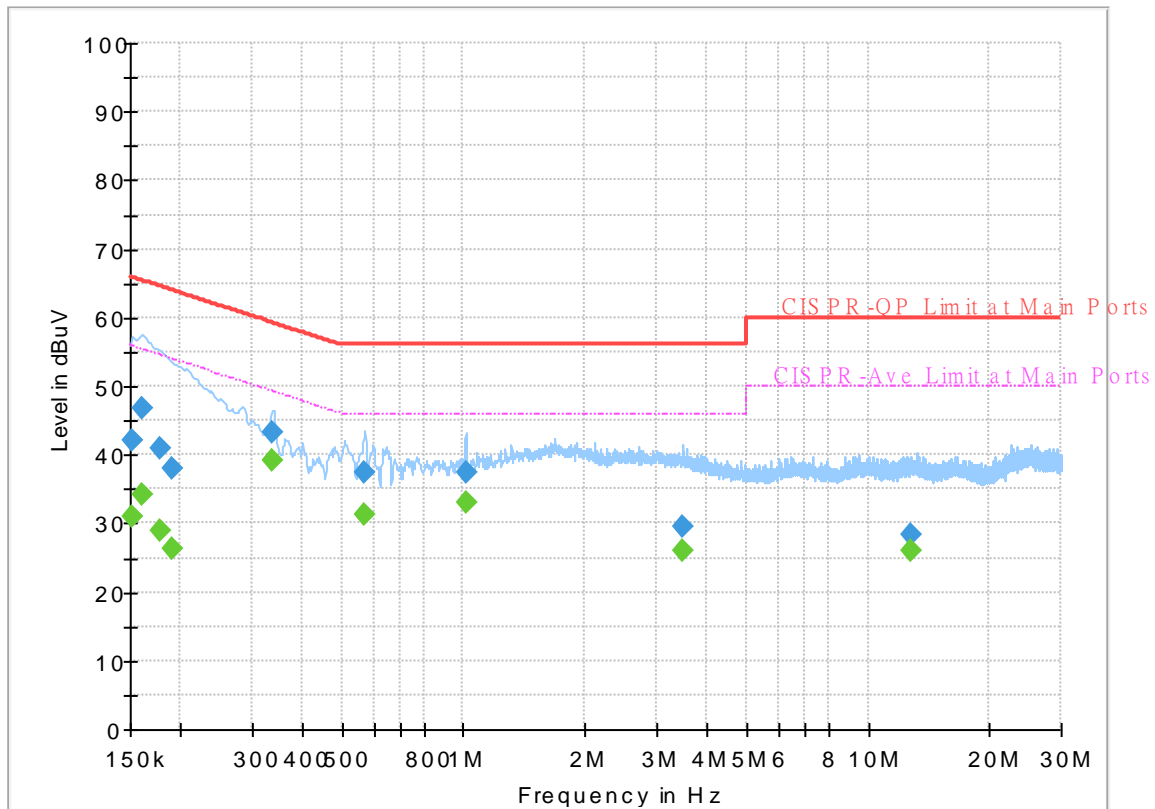
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	30.97	55.40	24.43	L1	OFF	19.5
0.161250	43.47	---	65.40	21.93	L1	OFF	19.5
0.168000	---	29.21	55.06	25.85	L1	OFF	19.5
0.168000	40.15	---	65.06	24.91	L1	OFF	19.5
0.188250	---	28.47	54.11	25.64	L1	OFF	19.5
0.188250	40.39	---	64.11	23.72	L1	OFF	19.5
0.294000	---	25.68	50.41	24.73	L1	OFF	19.5
0.294000	31.23	---	60.41	29.18	L1	OFF	19.5
0.595500	---	30.04	46.00	15.96	L1	OFF	19.8
0.595500	37.45	---	56.00	18.55	L1	OFF	19.8
1.785750	---	24.85	46.00	21.15	L1	OFF	20.0
1.785750	31.24	---	56.00	24.76	L1	OFF	20.0
11.154750	---	25.30	50.00	24.70	L1	OFF	20.0
11.154750	26.65	---	60.00	33.35	L1	OFF	20.0

EUT Information

Report NO : 133143
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



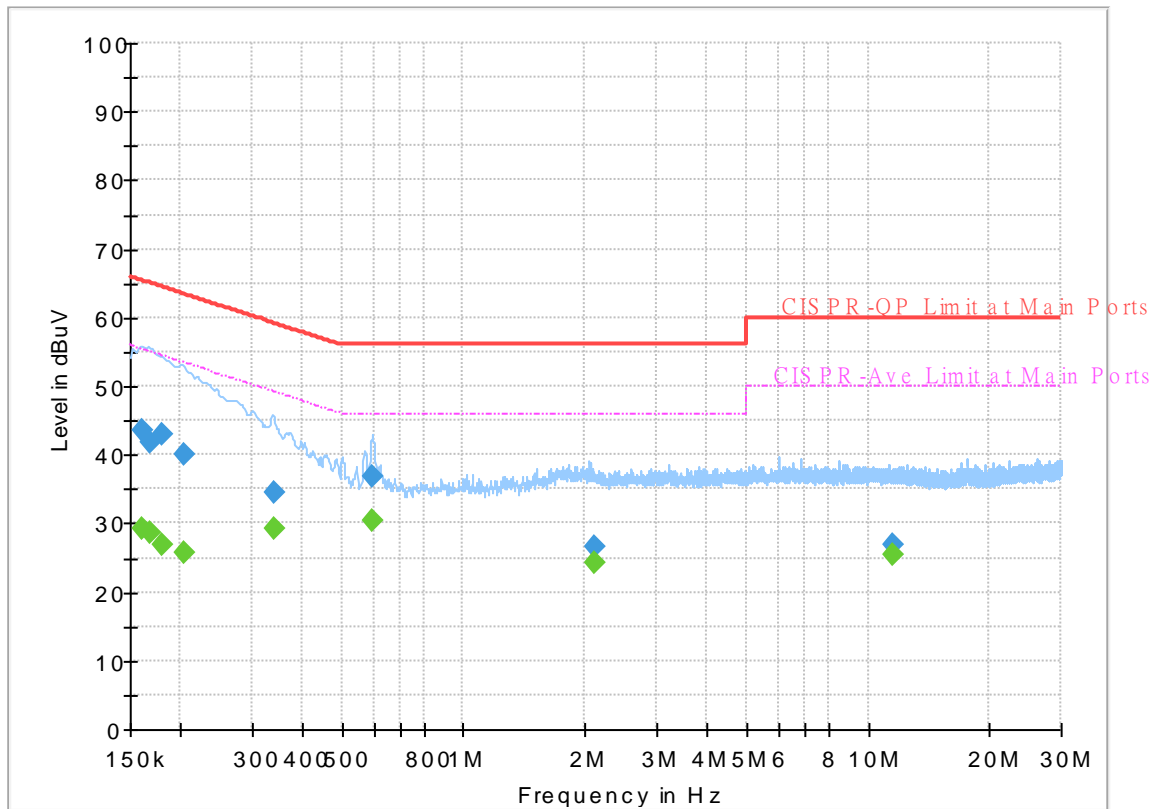
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.10	55.88	24.78	N	OFF	19.5
0.152250	42.23	---	65.88	23.65	N	OFF	19.5
0.161250	---	34.25	55.40	21.15	N	OFF	19.5
0.161250	46.82	---	65.40	18.58	N	OFF	19.5
0.177000	---	28.97	54.63	25.66	N	OFF	19.5
0.177000	40.82	---	64.63	23.81	N	OFF	19.5
0.190500	---	26.34	54.02	27.68	N	OFF	19.5
0.190500	37.95	---	64.02	26.07	N	OFF	19.5
0.336750	---	39.13	49.28	10.15	N	OFF	19.6
0.336750	43.19	---	59.28	16.09	N	OFF	19.6
0.568500	---	31.27	46.00	14.73	N	OFF	19.8
0.568500	37.55	---	56.00	18.45	N	OFF	19.8
1.011750	---	33.09	46.00	12.91	N	OFF	20.1
1.011750	37.33	---	56.00	18.67	N	OFF	20.1
3.484500	---	26.13	46.00	19.87	N	OFF	19.9
3.484500	29.60	---	56.00	26.40	N	OFF	19.9
12.736500	---	26.00	50.00	24.00	N	OFF	20.2
12.736500	28.35	---	60.00	31.65	N	OFF	20.2

EUT Information

Report NO : 133143
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



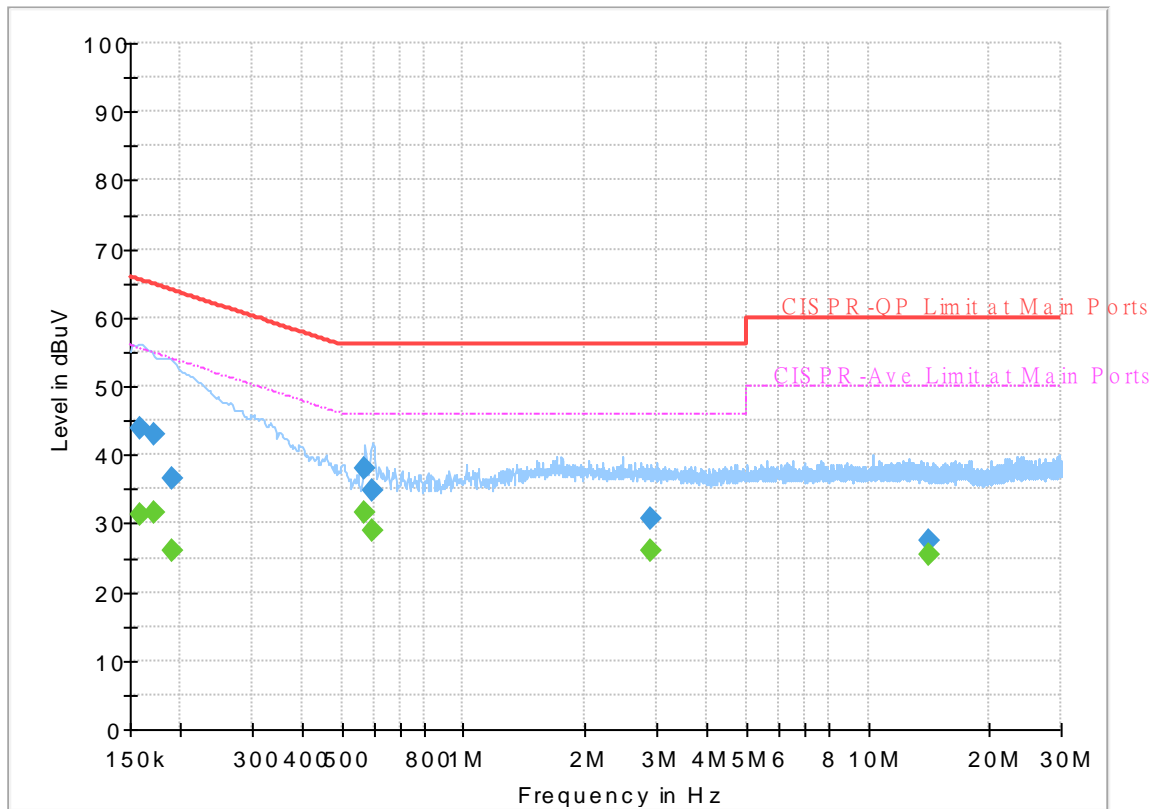
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	29.18	55.40	26.22	L1	OFF	19.5
0.161250	43.60	---	65.40	21.80	L1	OFF	19.5
0.168000	---	28.59	55.06	26.47	L1	OFF	19.5
0.168000	41.93	---	65.06	23.13	L1	OFF	19.5
0.179250	---	26.90	54.52	27.62	L1	OFF	19.5
0.179250	43.00	---	64.52	21.52	L1	OFF	19.5
0.204000	---	25.61	53.45	27.84	L1	OFF	19.5
0.204000	40.05	---	63.45	23.40	L1	OFF	19.5
0.339000	---	29.34	49.23	19.89	L1	OFF	19.5
0.339000	34.55	---	59.23	24.68	L1	OFF	19.5
0.595500	---	30.53	46.00	15.47	L1	OFF	19.8
0.595500	36.87	---	56.00	19.13	L1	OFF	19.8
2.105250	---	24.38	46.00	21.62	L1	OFF	20.0
2.105250	26.64	---	56.00	29.36	L1	OFF	20.0
11.508000	---	25.31	50.00	24.69	L1	OFF	20.1
11.508000	26.82	---	60.00	33.18	L1	OFF	20.1

EUT Information

Report NO : 133143
 Test Mode : Mode 2
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



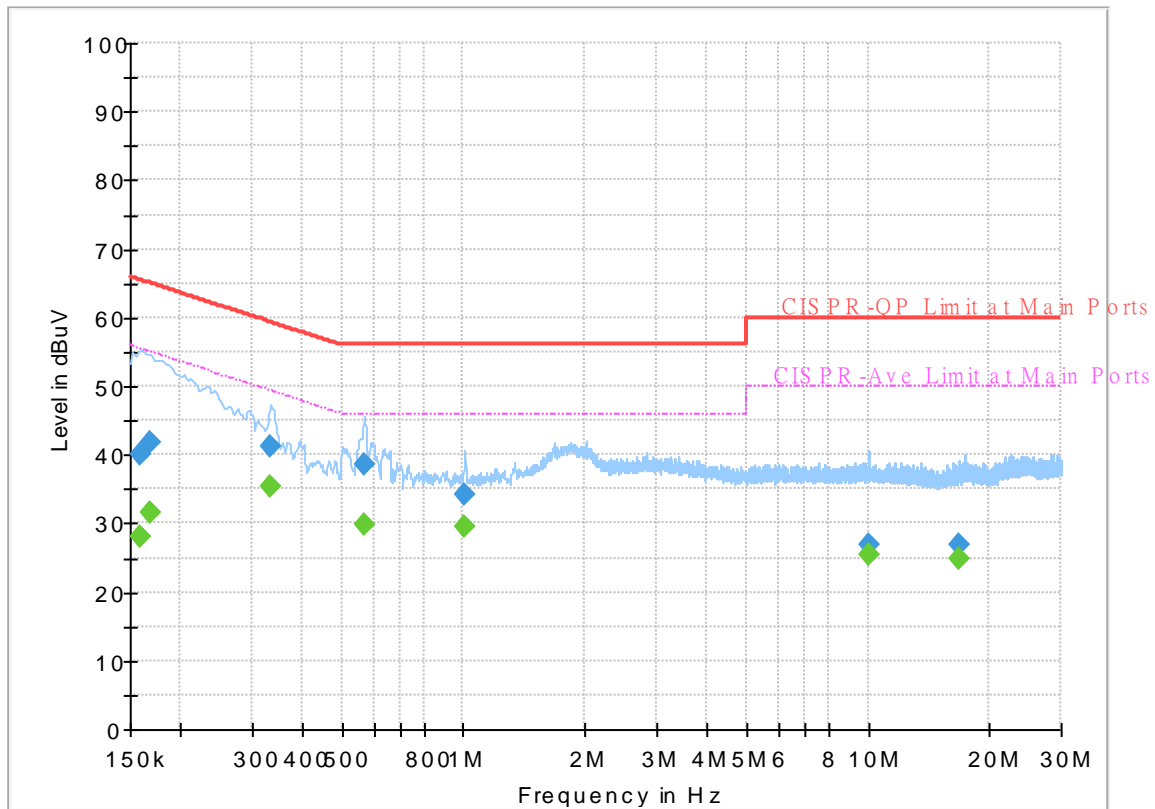
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	31.33	55.52	24.19	N	OFF	19.5
0.159000	43.90	---	65.52	21.62	N	OFF	19.5
0.172500	---	31.53	54.84	23.31	N	OFF	19.5
0.172500	43.00	---	64.84	21.84	N	OFF	19.5
0.190500	---	25.98	54.02	28.04	N	OFF	19.5
0.190500	36.42	---	64.02	27.60	N	OFF	19.5
0.568500	---	31.46	46.00	14.54	N	OFF	19.8
0.568500	37.87	---	56.00	18.13	N	OFF	19.8
0.597750	---	29.07	46.00	16.93	N	OFF	19.8
0.597750	34.71	---	56.00	21.29	N	OFF	19.8
2.892750	---	26.15	46.00	19.85	N	OFF	19.9
2.892750	30.63	---	56.00	25.37	N	OFF	19.9
14.127000	---	25.40	50.00	24.60	N	OFF	20.2
14.127000	27.37	---	60.00	32.63	N	OFF	20.2

EUT Information

Report NO : 133143
 Test Mode : Mode 3
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



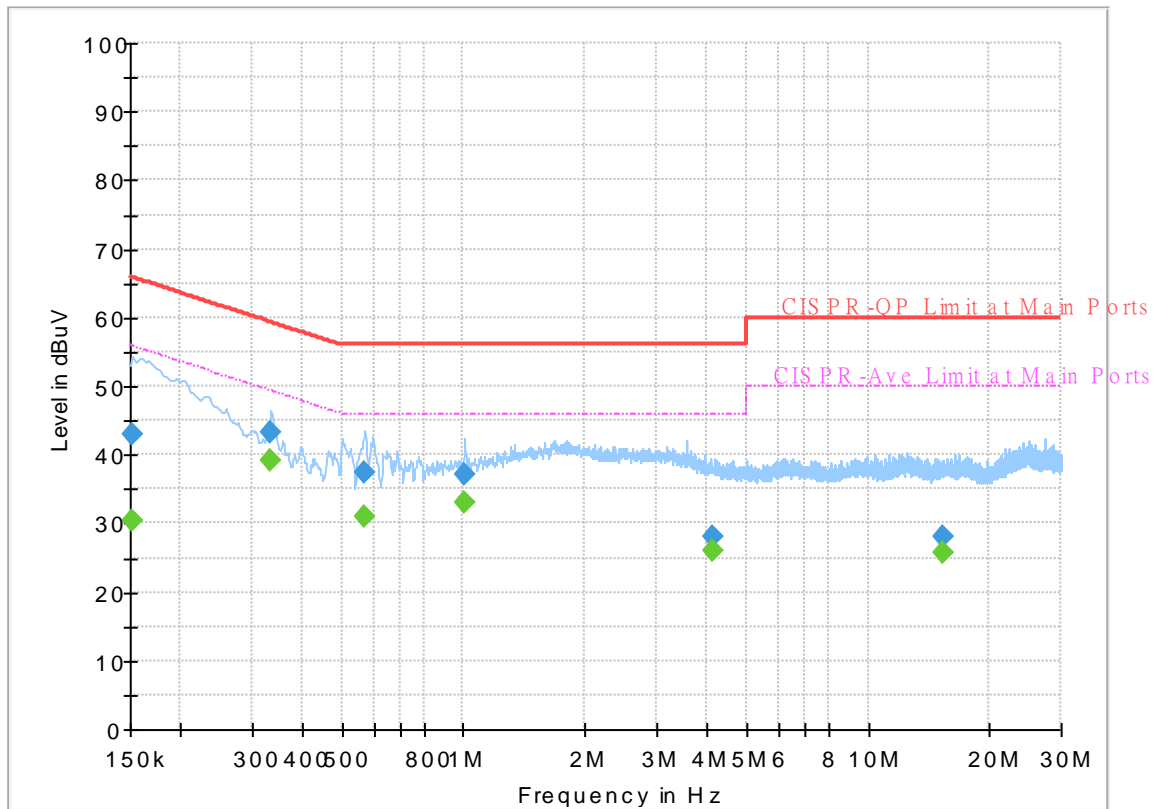
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	27.97	55.52	27.55	L1	OFF	19.5
0.159000	40.09	---	65.52	25.43	L1	OFF	19.5
0.168000	---	31.67	55.06	23.39	L1	OFF	19.5
0.168000	41.84	---	65.06	23.22	L1	OFF	19.5
0.334500	---	35.50	49.34	13.84	L1	OFF	19.5
0.334500	41.27	---	59.34	18.07	L1	OFF	19.5
0.568500	---	29.92	46.00	16.08	L1	OFF	19.7
0.568500	38.61	---	56.00	17.39	L1	OFF	19.7
1.005000	---	29.67	46.00	16.33	L1	OFF	20.0
1.005000	34.31	---	56.00	21.69	L1	OFF	20.0
10.009500	---	25.53	50.00	24.47	L1	OFF	20.0
10.009500	27.03	---	60.00	32.97	L1	OFF	20.0
16.793250	---	24.93	50.00	25.07	L1	OFF	20.3
16.793250	26.91	---	60.00	33.09	L1	OFF	20.3

EUT Information

Report NO : 133143
 Test Mode : Mode 3
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



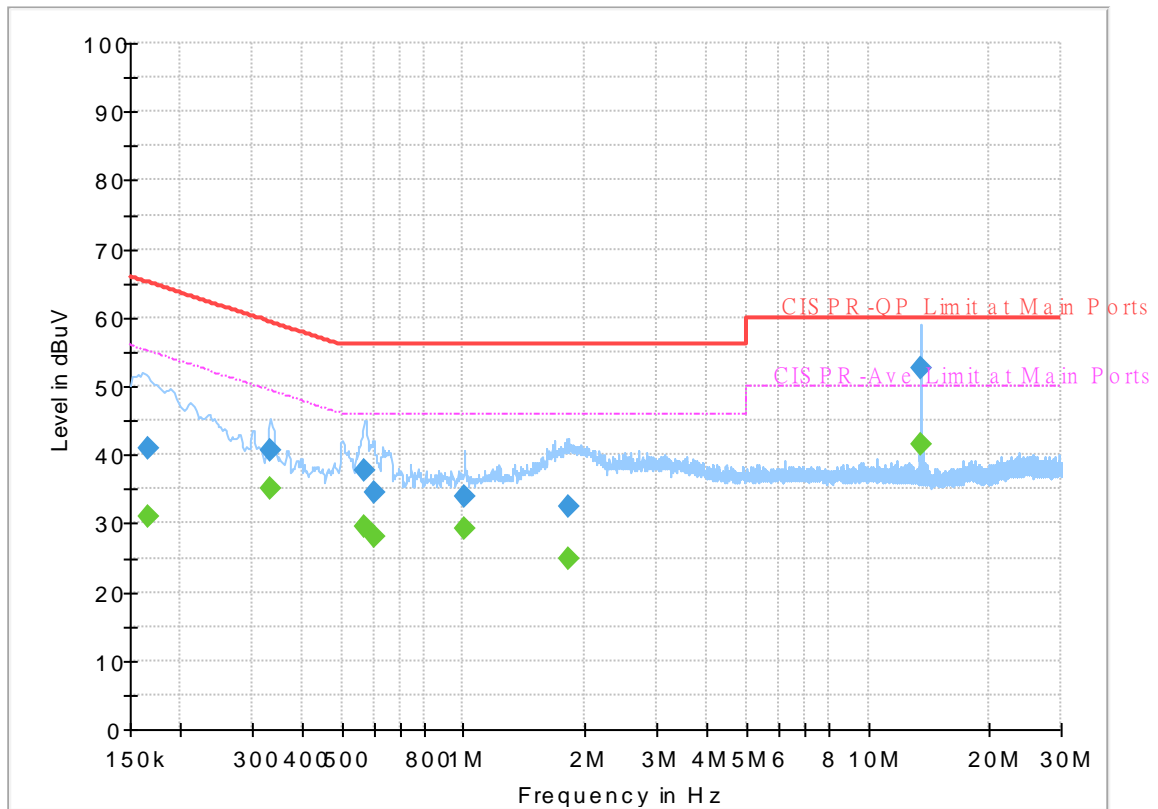
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.27	55.88	25.61	N	OFF	19.5
0.152250	43.01	---	65.88	22.87	N	OFF	19.5
0.334500	---	39.13	49.34	10.21	N	OFF	19.6
0.334500	43.17	---	59.34	16.17	N	OFF	19.6
0.570750	---	31.12	46.00	14.88	N	OFF	19.8
0.570750	37.50	---	56.00	18.50	N	OFF	19.8
1.005000	---	32.90	46.00	13.10	N	OFF	20.1
1.005000	37.22	---	56.00	18.78	N	OFF	20.1
4.148250	---	25.90	46.00	20.10	N	OFF	19.9
4.148250	28.08	---	56.00	27.92	N	OFF	19.9
15.236250	---	25.77	50.00	24.23	N	OFF	20.3
15.236250	28.21	---	60.00	31.79	N	OFF	20.3

EUT Information

Report NO : 133143
 Test Mode : Mode 4
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



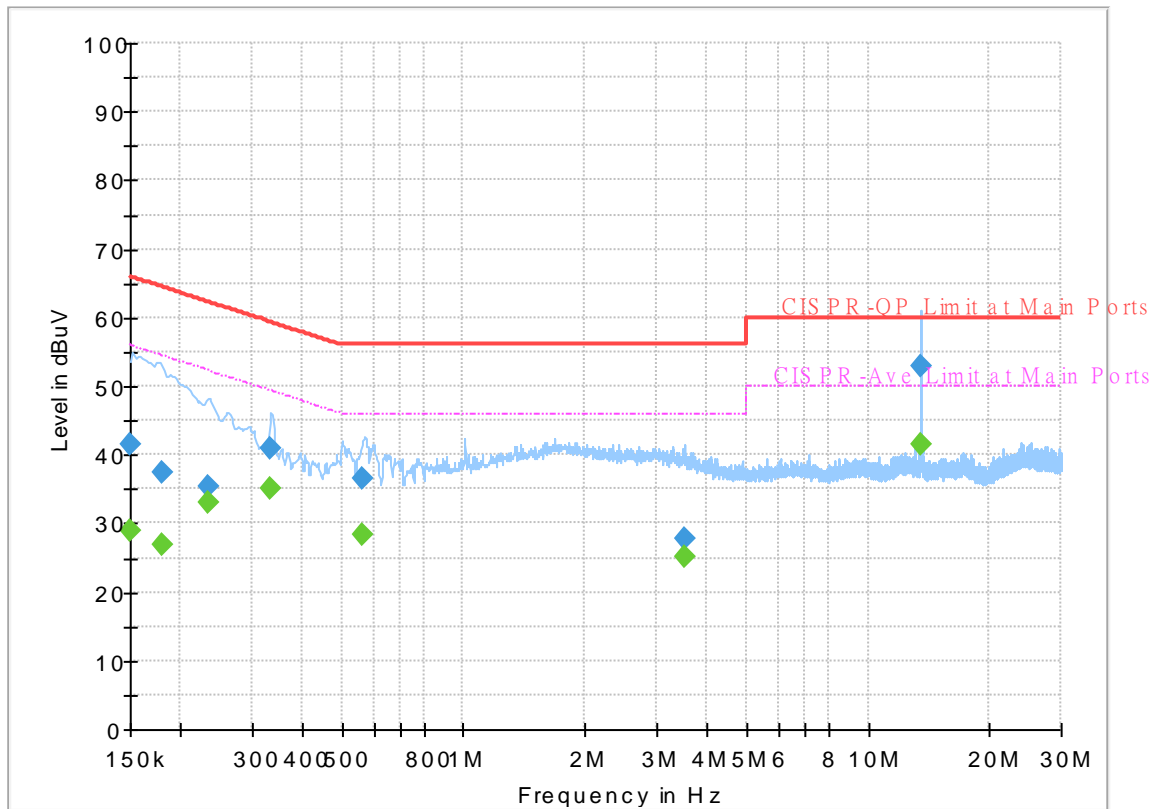
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	31.05	55.17	24.12	L1	OFF	19.5
0.165750	40.85	---	65.17	24.32	L1	OFF	19.5
0.334500	---	35.06	49.34	14.28	L1	OFF	19.5
0.334500	40.71	---	59.34	18.63	L1	OFF	19.5
0.566250	---	29.57	46.00	16.43	L1	OFF	19.7
0.566250	37.67	---	56.00	18.33	L1	OFF	19.7
0.600000	---	28.14	46.00	17.86	L1	OFF	19.8
0.600000	34.42	---	56.00	21.58	L1	OFF	19.8
1.005000	---	29.30	46.00	16.70	L1	OFF	20.0
1.005000	33.95	---	56.00	22.05	L1	OFF	20.0
1.817250	---	24.73	46.00	21.27	L1	OFF	20.0
1.817250	32.35	---	56.00	23.65	L1	OFF	20.0
13.560000	---	41.55	50.00	8.45	L1	OFF	20.1
13.560000	52.74	---	60.00	7.26	L1	OFF	20.1

EUT Information

Report NO : 133143
 Test Mode : Mode 4
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



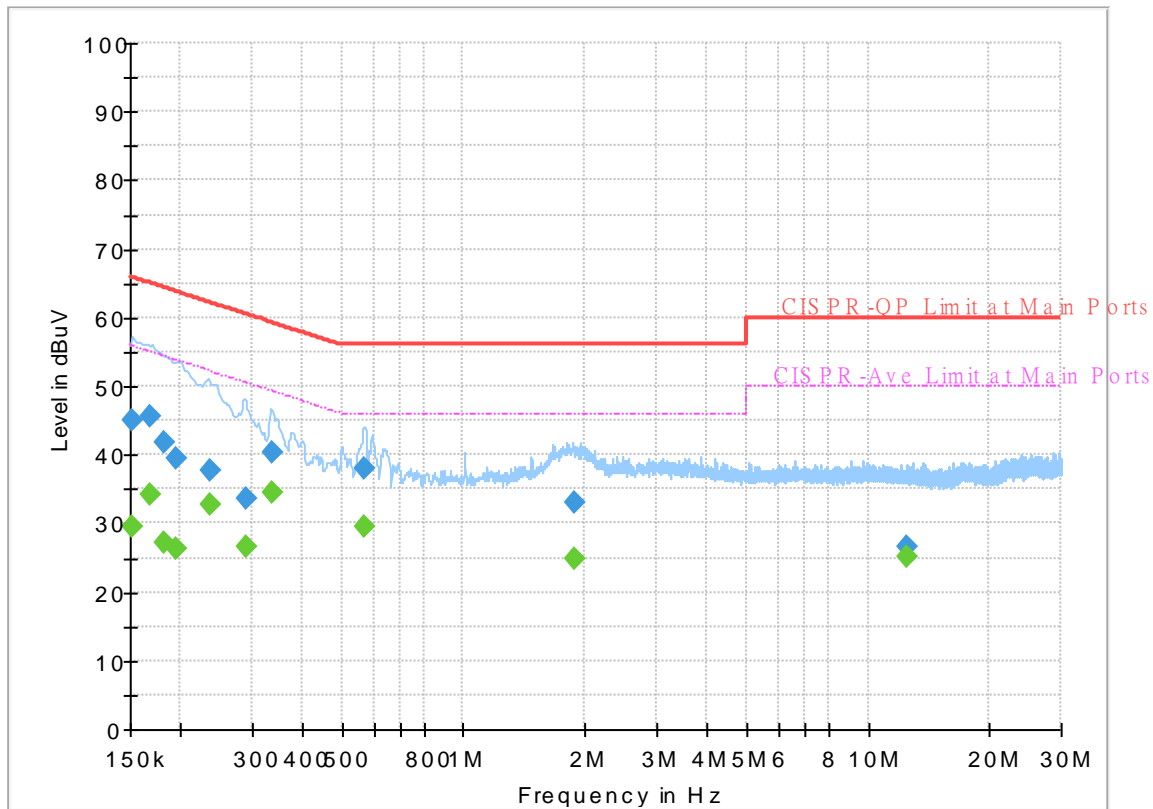
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	28.92	56.00	27.08	N	OFF	19.5
0.150000	41.62	---	66.00	24.38	N	OFF	19.5
0.179070	---	27.01	54.53	27.52	N	OFF	19.5
0.179070	37.53	---	64.53	27.00	N	OFF	19.5
0.234240	---	32.95	52.30	19.35	N	OFF	19.5
0.234240	35.31	---	62.30	26.99	N	OFF	19.5
0.334770	---	35.23	49.33	14.10	N	OFF	19.6
0.334770	40.85	---	59.33	18.48	N	OFF	19.6
0.564090	---	28.49	46.00	17.51	N	OFF	19.8
0.564090	36.51	---	56.00	19.49	N	OFF	19.8
3.507000	---	25.27	46.00	20.73	N	OFF	19.9
3.507000	27.87	---	56.00	28.13	N	OFF	19.9
13.560000	---	41.60	50.00	8.40	N	OFF	20.2
13.560000	52.84	---	60.00	7.16	N	OFF	20.2

EUT Information

Report NO : 133143
 Test Mode : Mode 5
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



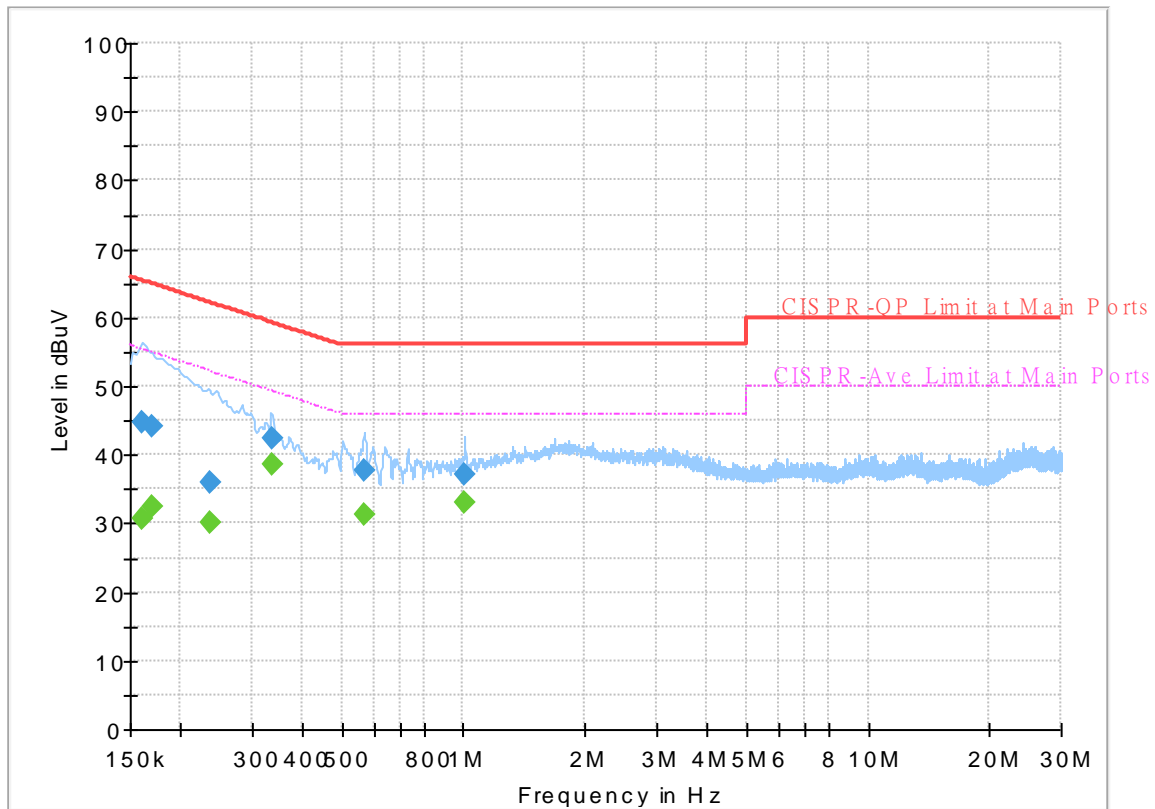
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.63	55.88	26.25	L1	OFF	19.5
0.152250	44.97	---	65.88	20.91	L1	OFF	19.5
0.168000	---	34.15	55.06	20.91	L1	OFF	19.5
0.168000	45.70	---	65.06	19.36	L1	OFF	19.5
0.181500	---	27.20	54.42	27.22	L1	OFF	19.5
0.181500	41.78	---	64.42	22.64	L1	OFF	19.5
0.195000	---	26.34	53.82	27.48	L1	OFF	19.5
0.195000	39.35	---	63.82	24.47	L1	OFF	19.5
0.235500	---	32.65	52.25	19.60	L1	OFF	19.5
0.235500	37.67	---	62.25	24.58	L1	OFF	19.5
0.289500	---	26.53	50.54	24.01	L1	OFF	19.5
0.289500	33.61	---	60.54	26.93	L1	OFF	19.5
0.336750	---	34.50	49.28	14.78	L1	OFF	19.5
0.336750	40.34	---	59.28	18.94	L1	OFF	19.5
0.568500	---	29.63	46.00	16.37	L1	OFF	19.7
0.568500	37.89	---	56.00	18.11	L1	OFF	19.7
1.875750	---	24.98	46.00	21.02	L1	OFF	20.0
1.875750	32.95	---	56.00	23.05	L1	OFF	20.0
12.534000	---	25.19	50.00	24.81	L1	OFF	20.1
12.534000	26.56	---	60.00	33.44	L1	OFF	20.1

EUT Information

Report NO : 133143
 Test Mode : Mode 5
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



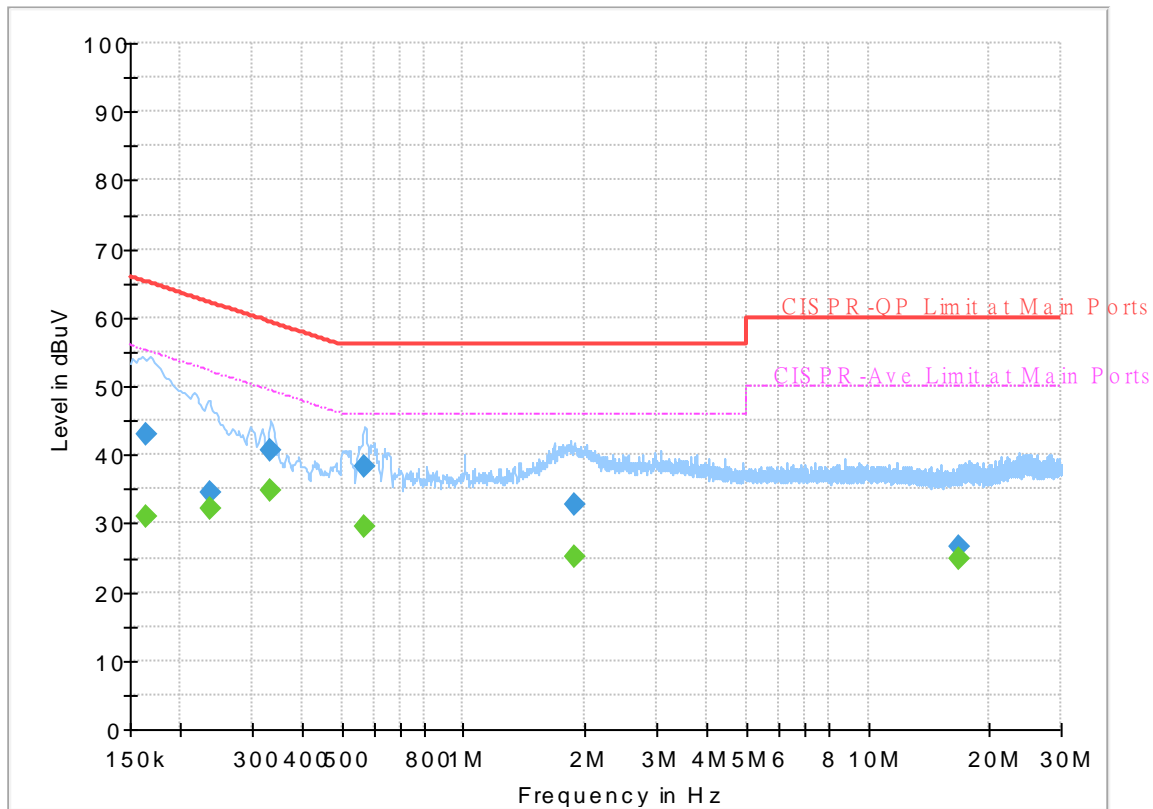
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	30.73	55.40	24.67	N	OFF	19.5
0.161250	44.62	---	65.40	20.78	N	OFF	19.5
0.170250	---	32.34	54.95	22.61	N	OFF	19.5
0.170250	44.26	---	64.95	20.69	N	OFF	19.5
0.237750	---	30.15	52.17	22.02	N	OFF	19.5
0.237750	35.83	---	62.17	26.34	N	OFF	19.5
0.336750	---	38.54	49.28	10.74	N	OFF	19.6
0.336750	42.54	---	59.28	16.74	N	OFF	19.6
0.568500	---	31.32	46.00	14.68	N	OFF	19.8
0.568500	37.76	---	56.00	18.24	N	OFF	19.8
1.005000	---	33.02	46.00	12.98	N	OFF	20.1
1.005000	37.22	---	56.00	18.78	N	OFF	20.1

EUT Information

Report NO : 133143
 Test Mode : Mode 6
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



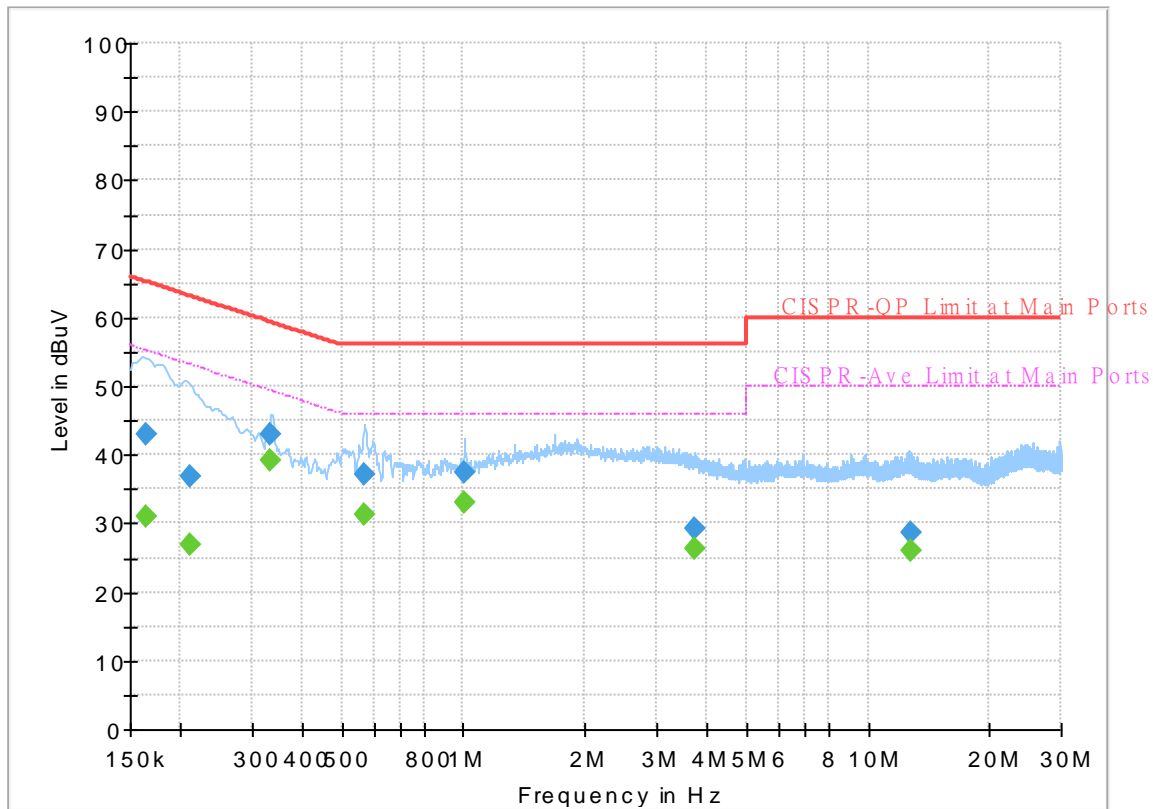
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	31.02	55.28	24.26	L1	OFF	19.5
0.163500	42.95	---	65.28	22.33	L1	OFF	19.5
0.235500	---	32.30	52.25	19.95	L1	OFF	19.5
0.235500	34.49	---	62.25	27.76	L1	OFF	19.5
0.334500	---	34.94	49.34	14.40	L1	OFF	19.5
0.334500	40.69	---	59.34	18.65	L1	OFF	19.5
0.570750	---	29.42	46.00	16.58	L1	OFF	19.7
0.570750	38.19	---	56.00	17.81	L1	OFF	19.7
1.873500	---	25.02	46.00	20.98	L1	OFF	20.0
1.873500	32.64	---	56.00	23.36	L1	OFF	20.0
16.689750	---	24.83	50.00	25.17	L1	OFF	20.3
16.689750	26.72	---	60.00	33.28	L1	OFF	20.3

EUT Information

Report NO : 133143
 Test Mode : Mode 6
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



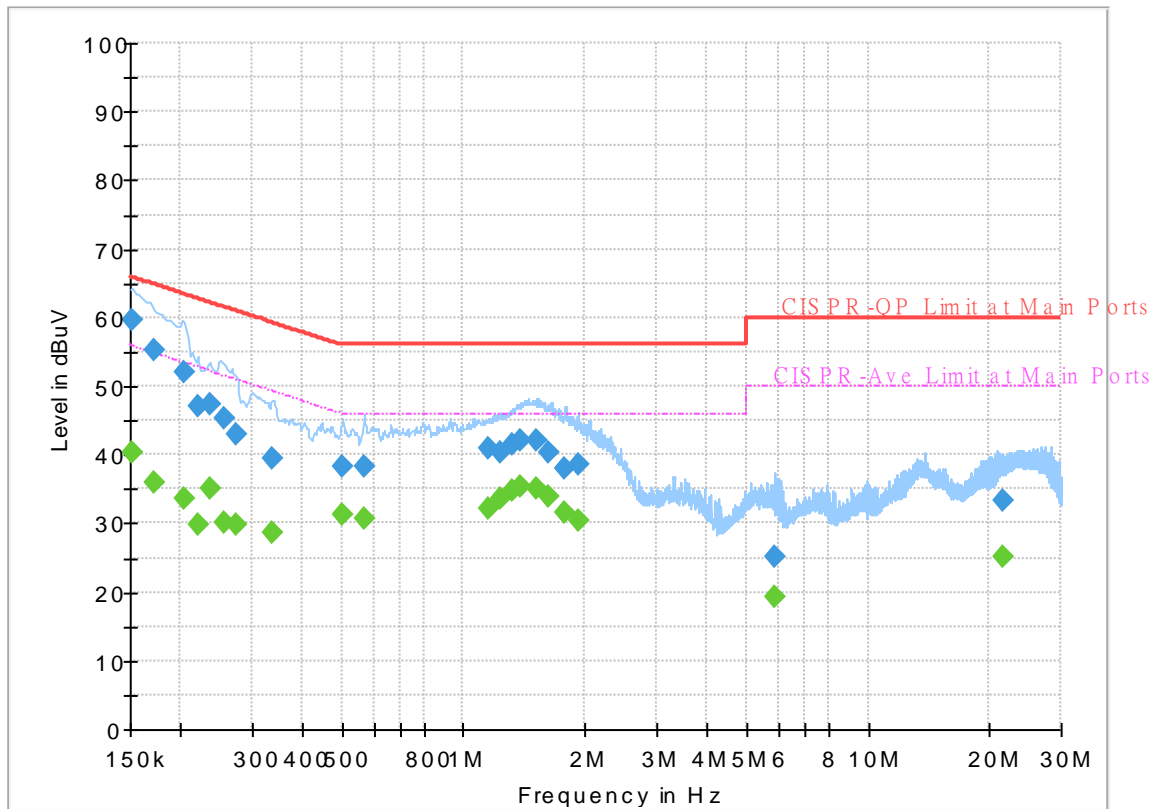
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.163500	---	30.93	55.28	24.35	N	OFF	19.5
0.163500	42.86	---	65.28	22.42	N	OFF	19.5
0.210750	---	26.77	53.18	26.41	N	OFF	19.5
0.210750	36.80	---	63.18	26.38	N	OFF	19.5
0.334500	---	39.04	49.34	10.30	N	OFF	19.6
0.334500	43.08	---	59.34	16.26	N	OFF	19.6
0.570750	---	31.24	46.00	14.76	N	OFF	19.8
0.570750	37.27	---	56.00	18.73	N	OFF	19.8
1.005000	---	33.05	46.00	12.95	N	OFF	20.1
1.005000	37.42	---	56.00	18.58	N	OFF	20.1
3.734250	---	26.21	46.00	19.79	N	OFF	19.9
3.734250	29.27	---	56.00	26.73	N	OFF	19.9
12.738750	---	26.04	50.00	23.96	N	OFF	20.2
12.738750	28.52	---	60.00	31.48	N	OFF	20.2

EUT Information

Report NO : 133143
 Test Mode : Mode 7
 Test Voltage : Power From System
 Phase : Line

Full Spectrum



Final_Result

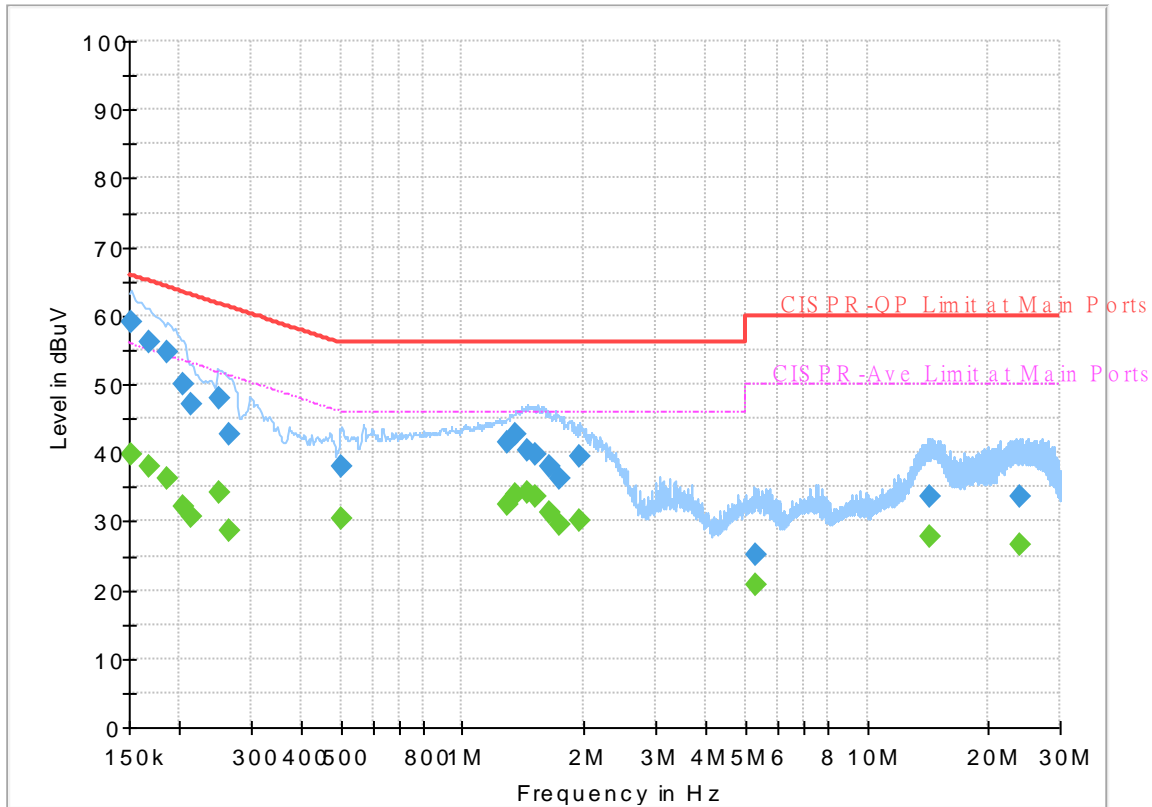
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	40.36	55.88	15.52	L1	OFF	19.6
0.152250	59.62	---	65.88	6.26	L1	OFF	19.6
0.172500	---	35.95	54.84	18.89	L1	OFF	19.6
0.172500	55.12	---	64.84	9.72	L1	OFF	19.6
0.204000	---	33.67	53.45	19.78	L1	OFF	19.6
0.204000	51.90	---	63.45	11.55	L1	OFF	19.6
0.222000	---	29.87	52.74	22.87	L1	OFF	19.6
0.222000	46.94	---	62.74	15.80	L1	OFF	19.6
0.237750	---	35.08	52.17	17.09	L1	OFF	19.6
0.237750	47.41	---	62.17	14.76	L1	OFF	19.6
0.255750	---	30.15	51.57	21.42	L1	OFF	19.6
0.255750	45.36	---	61.57	16.21	L1	OFF	19.6
0.273750	---	29.86	51.00	21.14	L1	OFF	19.6
0.273750	42.91	---	61.00	18.09	L1	OFF	19.6
0.336750	---	28.67	49.28	20.61	L1	OFF	19.6
0.336750	39.59	---	59.28	19.69	L1	OFF	19.6
0.503250	---	31.15	46.00	14.85	L1	OFF	19.7
0.503250	38.40	---	56.00	17.60	L1	OFF	19.7
0.566250	---	30.69	46.00	15.31	L1	OFF	19.8
0.566250	38.37	---	56.00	17.63	L1	OFF	19.8
1.149000	---	32.25	46.00	13.75	L1	OFF	20.1

1.149000	40.83	---	56.00	15.17	L1	OFF	20.1
1.227750	---	33.61	46.00	12.39	L1	OFF	20.1
1.227750	40.48	---	56.00	15.52	L1	OFF	20.1
1.322250	---	34.73	46.00	11.27	L1	OFF	20.1
1.322250	41.38	---	56.00	14.62	L1	OFF	20.1
1.389750	---	35.41	46.00	10.59	L1	OFF	20.1
1.389750	42.23	---	56.00	13.77	L1	OFF	20.1
1.522500	---	35.15	46.00	10.85	L1	OFF	20.1
1.522500	42.12	---	56.00	13.88	L1	OFF	20.1
1.614750	---	33.81	46.00	12.19	L1	OFF	20.1
1.614750	40.45	---	56.00	15.55	L1	OFF	20.1
1.779000	---	31.45	46.00	14.55	L1	OFF	20.1
1.779000	38.13	---	56.00	17.87	L1	OFF	20.1
1.918500	---	30.40	46.00	15.60	L1	OFF	20.1
1.918500	38.47	---	56.00	17.53	L1	OFF	20.1
5.865000	---	19.42	50.00	30.58	L1	OFF	19.9
5.865000	25.10	---	60.00	34.90	L1	OFF	19.9
21.439500	---	25.11	50.00	24.89	L1	OFF	20.5
21.439500	33.33	---	60.00	26.67	L1	OFF	20.5

EUT Information

Report NO : 133143
 Test Mode : Mode 7
 Test Voltage : Power From System
 Phase : Neutral

Full Spectrum



Final_Result

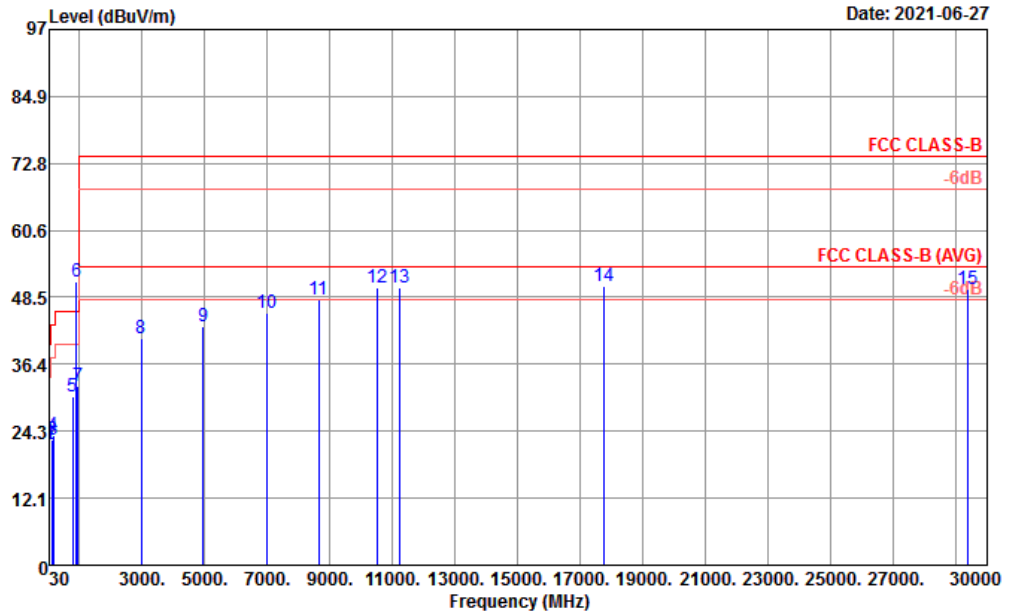
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	39.71	55.88	16.17	N	OFF	19.6
0.152250	59.21	---	65.88	6.67	N	OFF	19.6
0.168000	---	38.06	55.06	17.00	N	OFF	19.6
0.168000	56.22	---	65.06	8.84	N	OFF	19.6
0.186000	---	36.28	54.21	17.93	N	OFF	19.6
0.186000	54.56	---	64.21	9.65	N	OFF	19.6
0.204000	---	32.20	53.45	21.25	N	OFF	19.6
0.204000	50.12	---	63.45	13.33	N	OFF	19.6
0.213000	---	30.76	53.09	22.33	N	OFF	19.6
0.213000	47.20	---	63.09	15.89	N	OFF	19.6
0.251250	---	34.28	51.72	17.44	N	OFF	19.6
0.251250	47.94	---	61.72	13.78	N	OFF	19.6
0.264750	---	28.65	51.28	22.63	N	OFF	19.6
0.264750	42.57	---	61.28	18.71	N	OFF	19.6
0.503250	---	30.48	46.00	15.52	N	OFF	19.7
0.503250	38.01	---	56.00	17.99	N	OFF	19.7
1.288500	---	32.40	46.00	13.60	N	OFF	20.1
1.288500	41.65	---	56.00	14.35	N	OFF	20.1
1.358250	---	33.95	46.00	12.05	N	OFF	20.1
1.358250	42.77	---	56.00	13.23	N	OFF	20.1
1.450500	---	34.10	46.00	11.90	N	OFF	20.1

1.450500	40.46	---	56.00	15.54	N	OFF	20.1
1.513500	---	33.65	46.00	12.35	N	OFF	20.1
1.513500	39.81	---	56.00	16.19	N	OFF	20.1
1.639500	---	31.17	46.00	14.83	N	OFF	20.1
1.639500	37.94	---	56.00	18.06	N	OFF	20.1
1.747500	---	29.67	46.00	16.33	N	OFF	20.1
1.747500	36.26	---	56.00	19.74	N	OFF	20.1
1.954500	---	30.08	46.00	15.92	N	OFF	20.1
1.954500	39.37	---	56.00	16.63	N	OFF	20.1
5.325000	---	20.75	50.00	29.25	N	OFF	20.0
5.325000	25.28	---	60.00	34.72	N	OFF	20.0
14.307000	---	27.84	50.00	22.16	N	OFF	20.2
14.307000	33.62	---	60.00	26.38	N	OFF	20.2
23.995500	---	26.67	50.00	23.33	N	OFF	20.7
23.995500	33.58	---	60.00	26.42	N	OFF	20.7



Appendix B. Radiated Emission Test Result

Mode :	Mode 1	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

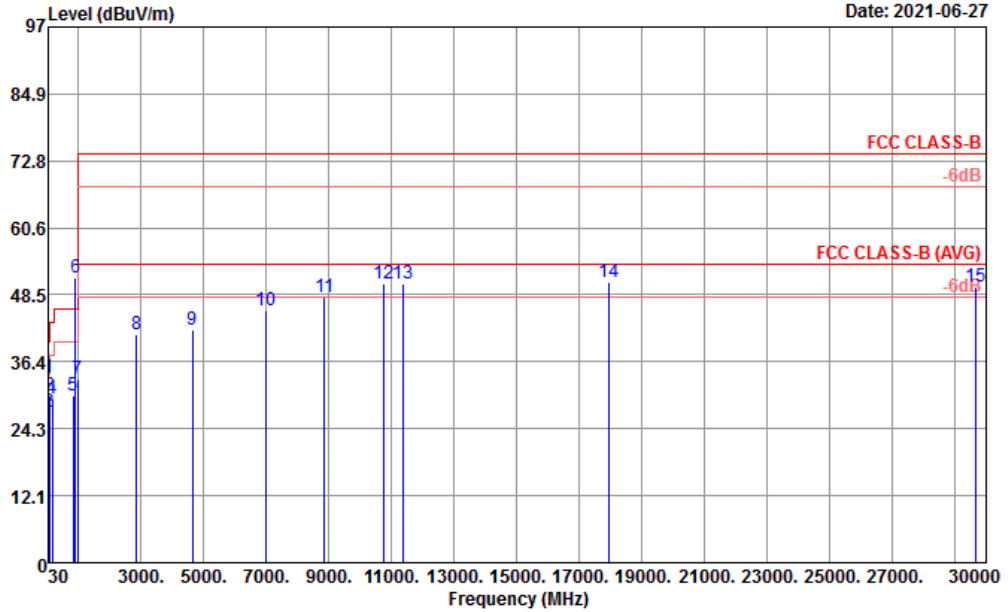


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 1

	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	22.09	-17.91	40.00	24.38	29.73	0.63	32.65	---	---	Peak
2	42.61	21.83	-18.17	40.00	18.07	35.65	0.75	32.64	---	---	Peak
3	126.03	22.65	-20.85	43.50	17.39	36.58	1.25	32.57	---	---	Peak
4	161.92	23.64	-19.86	43.50	16.22	38.51	1.44	32.53	---	---	Peak
5	774.96	30.46	-15.54	46.00	28.63	31.08	3.14	32.39	---	---	Peak
6 *	893.80	51.38			28.88	50.93	3.36	31.79	---	---	Peak
7	955.38	32.31	-13.69	46.00	30.93	29.06	3.49	31.17	100	0	Peak
8	2966.00	40.99	-33.01	74.00	28.33	64.30	6.49	58.13	---	---	Peak
9	4940.00	43.23	-30.77	74.00	30.98	62.15	8.60	58.50	---	---	Peak
10	6976.00	45.57	-28.43	74.00	35.10	59.03	11.10	59.66	---	---	Peak
11	8642.00	48.14	-25.86	74.00	37.28	58.78	11.86	59.78	---	---	Peak
12	10532.00	50.25	-23.75	74.00	39.50	57.25	13.14	59.64	---	---	Peak
13	11226.00	50.18	-23.82	74.00	39.40	55.75	13.69	58.66	---	---	Peak
14	17740.00	50.44	-23.56	74.00	43.92	46.10	18.56	58.14	100	0	Peak
15	29388.00	50.06	-23.94	74.00	40.50	39.53	24.79	54.76	---	---	Peak



Mode :	Mode 1	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

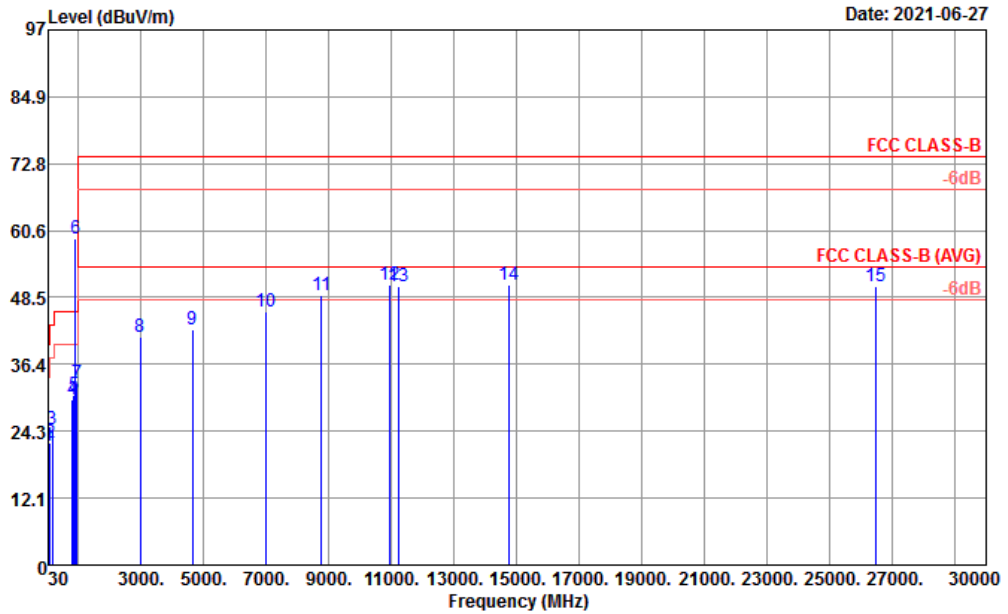


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 1

	Freq	Level	Over Limit	Limit	Antenna Line	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	42.61	33.54	-6.46	40.00	18.07	47.36	0.75	32.64	100	0	Peak
2	65.89	27.32	-12.68	40.00	11.91	47.10	0.93	32.62	---	---	Peak
3	97.90	30.32	-13.18	43.50	15.65	46.13	1.13	32.59	---	---	Peak
4	163.86	29.63	-13.87	43.50	16.07	44.64	1.45	32.53	---	---	Peak
5	817.64	30.35	-15.65	46.00	28.23	31.13	3.23	32.24	---	---	Peak
6 *	893.80	51.69			28.88	51.24	3.36	31.79	---	---	Peak
7	959.26	33.21	-12.79	46.00	31.05	29.79	3.50	31.13	---	---	Peak
8	2854.00	41.34	-32.66	74.00	28.01	65.10	6.34	58.11	---	---	Peak
9	4640.00	42.20	-31.80	74.00	30.86	61.45	8.31	58.42	---	---	Peak
10	6978.00	45.57	-28.43	74.00	35.11	59.01	11.11	59.66	---	---	Peak
11	8850.00	48.16	-25.84	74.00	37.60	58.60	12.03	60.07	---	---	Peak
12	10760.00	50.65	-23.35	74.00	39.68	56.83	13.32	59.18	---	---	Peak
13	11368.00	50.58	-23.42	74.00	39.54	55.88	13.80	58.64	---	---	Peak
14	17965.00	50.86	-23.14	74.00	47.83	42.69	18.73	58.39	100	0	Peak
15	29664.00	50.10	-23.90	74.00	40.37	39.70	24.96	54.93	---	---	Peak



Mode :	Mode 2	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

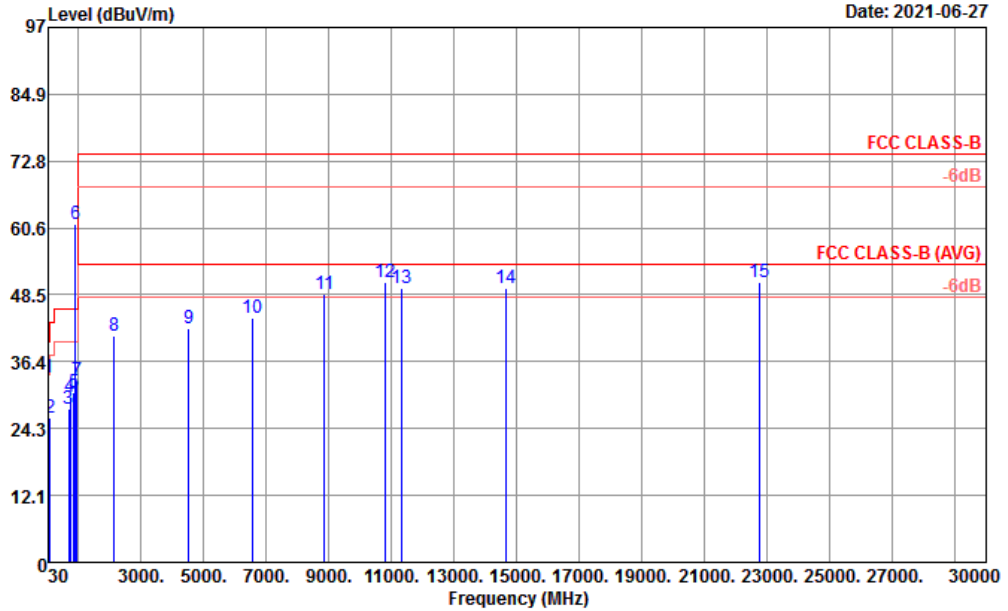


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 2

	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	30.00	21.74	-18.26	40.00	24.38	29.38	0.63	32.65	---	---	Peak
2	98.87	22.28	-21.22	43.50	15.80	37.93	1.14	32.59	---	---	Peak
3	162.89	24.54	-18.96	43.50	16.11	39.52	1.44	32.53	---	---	Peak
4	800.18	29.91	-16.09	46.00	28.42	30.63	3.21	32.35	---	---	Peak
5	857.41	30.70	-15.30	46.00	29.27	30.16	3.28	32.01	---	---	Peak
6 *	891.60	59.20			28.89	58.76	3.35	31.80	---	---	Peak
7	949.56	32.87	-13.13	46.00	30.62	30.00	3.48	31.23	100	0	Peak
8	2966.00	41.32	-32.68	74.00	28.33	64.63	6.49	58.13	---	---	Peak
9	4634.00	42.82	-31.18	74.00	30.84	62.10	8.30	58.42	---	---	Peak
10	6992.00	45.94	-28.06	74.00	35.17	59.29	11.15	59.67	---	---	Peak
11	8764.00	48.81	-25.19	74.00	37.63	59.25	11.88	59.95	---	---	Peak
12	10960.00	50.80	-23.20	74.00	40.04	56.05	13.48	58.77	---	---	Peak
13	11220.00	50.61	-23.39	74.00	39.40	56.19	13.68	58.66	---	---	Peak
14	14750.00	50.74	-23.26	74.00	41.50	51.15	16.52	58.43	100	0	Peak
15	26472.00	50.51	-23.49	74.00	39.29	40.81	23.53	53.12	---	---	Peak



Mode :	Mode 2	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

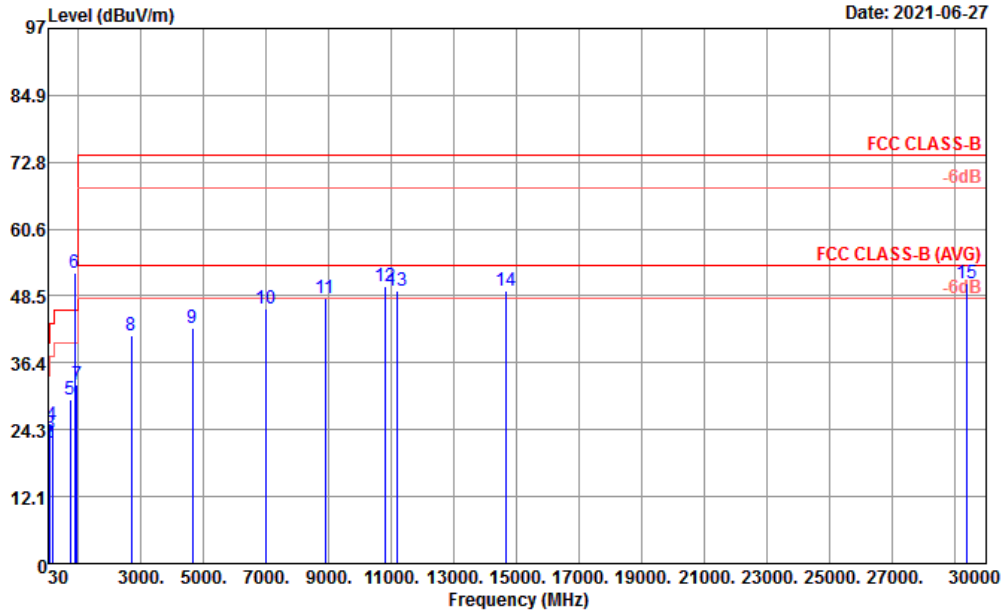


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 2

	Freq	Level	Over Limit	LimitAntenna Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1	42.61	33.46	-6.54	40.00	18.07	47.28	0.75	32.64	100	0	Peak
2	96.93	26.31	-17.19	43.50	15.63	42.14	1.13	32.59	---	---	Peak
3	690.57	27.80	-18.20	46.00	26.67	30.68	2.94	32.49	---	---	Peak
4	743.92	29.98	-16.02	46.00	28.47	30.87	3.07	32.43	---	---	Peak
5	843.83	30.75	-15.25	46.00	29.18	30.40	3.26	32.09	---	---	Peak
6 *	891.60	61.22			28.89	60.78	3.35	31.80	---	---	Peak
7	958.29	32.87	-13.13	46.00	31.02	29.50	3.49	31.14	---	---	Peak
8	2148.00	40.96	-33.04	74.00	27.57	66.23	5.39	58.23	---	---	Peak
9	4524.00	42.46	-31.54	74.00	30.45	62.19	8.22	58.40	---	---	Peak
10	6578.00	44.38	-29.62	74.00	34.26	59.16	10.48	59.52	---	---	Peak
11	8868.00	48.62	-25.38	74.00	37.56	59.08	12.08	60.10	---	---	Peak
12	10804.00	50.81	-23.19	74.00	39.81	56.73	13.36	59.09	---	---	Peak
13	11344.00	49.74	-24.26	74.00	39.49	55.11	13.78	58.64	---	---	Peak
14	14675.00	49.58	-24.42	74.00	41.57	49.89	16.48	58.36	---	---	Peak
15	22776.00	50.72	-23.28	74.00	38.99	43.52	21.75	53.54	100	0	Peak



Mode :	Mode 3	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		

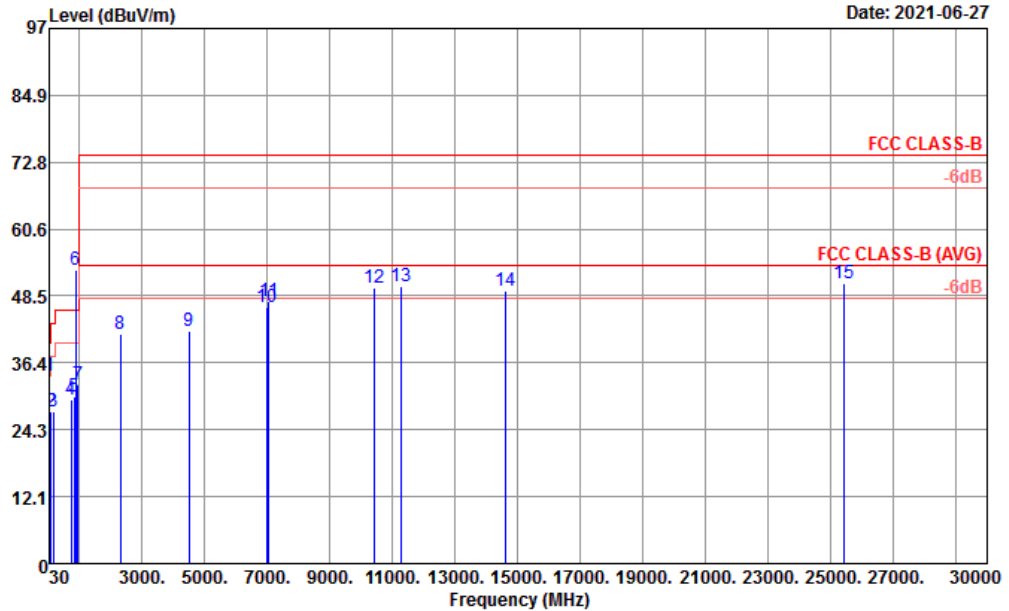


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 3

	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	42.61	21.91	-18.09	40.00	18.07	35.73	0.75	32.64	---	---	Peak
2	72.68	21.92	-18.08	40.00	12.47	41.09	0.97	32.61	---	---	Peak
3	98.87	23.62	-19.88	43.50	15.80	39.27	1.14	32.59	---	---	Peak
4	160.95	24.99	-18.51	43.50	16.31	39.79	1.43	32.54	---	---	Peak
5	737.13	29.75	-16.25	46.00	28.26	30.88	3.05	32.44	---	---	Peak
6 *	881.50	52.74			28.90	52.37	3.33	31.86	---	---	Peak
7	954.41	32.42	-13.58	46.00	30.89	29.22	3.49	31.18	100	0	Peak
8	2694.00	41.28	-32.72	74.00	27.79	65.46	6.11	58.08	---	---	Peak
9	4638.00	42.63	-31.37	74.00	30.85	61.89	8.31	58.42	---	---	Peak
10	6986.00	46.21	-27.79	74.00	35.14	59.60	11.13	59.66	---	---	Peak
11	8880.00	48.15	-25.85	74.00	37.54	58.60	12.12	60.11	---	---	Peak
12	10810.00	50.34	-23.66	74.00	39.83	56.23	13.36	59.08	---	---	Peak
13	11160.00	49.35	-24.65	74.00	39.48	54.90	13.64	58.67	---	---	Peak
14	14680.00	49.57	-24.43	74.00	41.58	49.87	16.48	58.36	---	---	Peak
15	29388.00	50.78	-23.22	74.00	40.50	40.25	24.79	54.76	100	0	Peak



Mode :	Mode 3	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		

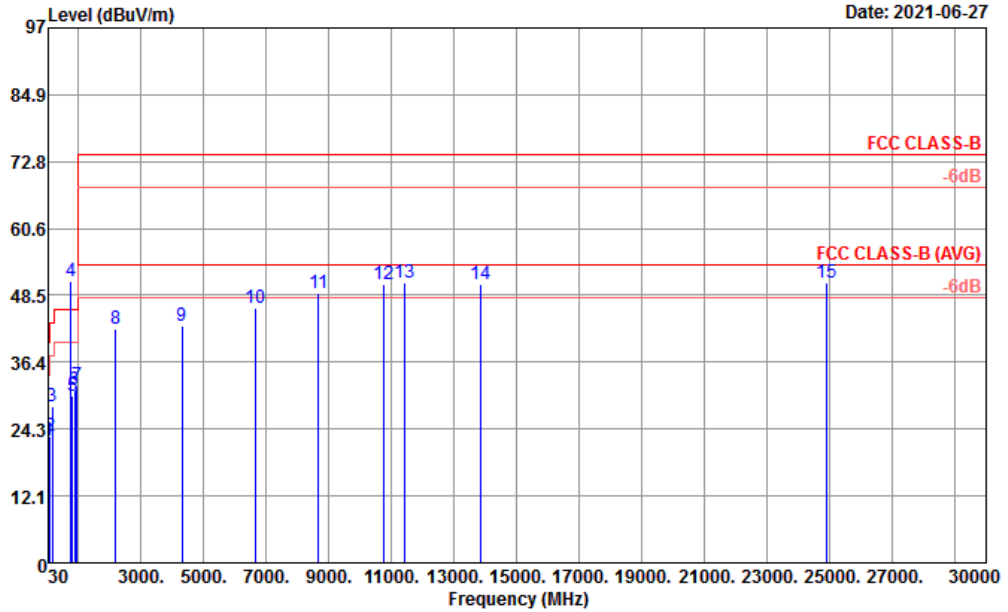


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 3

	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	42.61	33.97	-6.03	40.00	18.07	47.79	0.75	32.64	100	0	Peak
2	88.20	27.64	-15.86	43.50	14.47	44.70	1.07	32.60	---	---	Peak
3	160.95	27.65	-15.85	43.50	16.31	42.45	1.43	32.54	---	---	Peak
4	729.37	29.70	-16.30	46.00	27.83	31.29	3.03	32.45	---	---	Peak
5	818.61	30.17	-15.83	46.00	28.24	30.94	3.23	32.24	---	---	Peak
6 *	881.50	53.17			28.90	52.80	3.33	31.86	---	---	Peak
7	949.56	32.44	-13.56	46.00	30.62	29.57	3.48	31.23	---	---	Peak
8	2300.00	41.62	-32.38	74.00	27.70	66.50	5.57	58.15	---	---	Peak
9	4498.00	42.25	-31.75	74.00	30.39	62.04	8.21	58.39	---	---	Peak
10	6982.00	46.59	-27.41	74.00	35.13	60.00	11.12	59.66	---	---	Peak
11	7038.00	47.45	-26.55	74.00	35.43	60.46	11.24	59.68	---	---	Peak
12	10420.00	49.99	-24.01	74.00	39.50	57.27	13.05	59.83	---	---	Peak
13	11284.00	50.21	-23.79	74.00	39.40	55.73	13.73	58.65	---	---	Peak
14	14600.00	49.52	-24.48	74.00	41.50	49.86	16.44	58.28	---	---	Peak
15	25404.00	50.88	-23.12	74.00	38.89	42.25	23.14	53.40	100	0	Peak



Mode :	Mode 4	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		

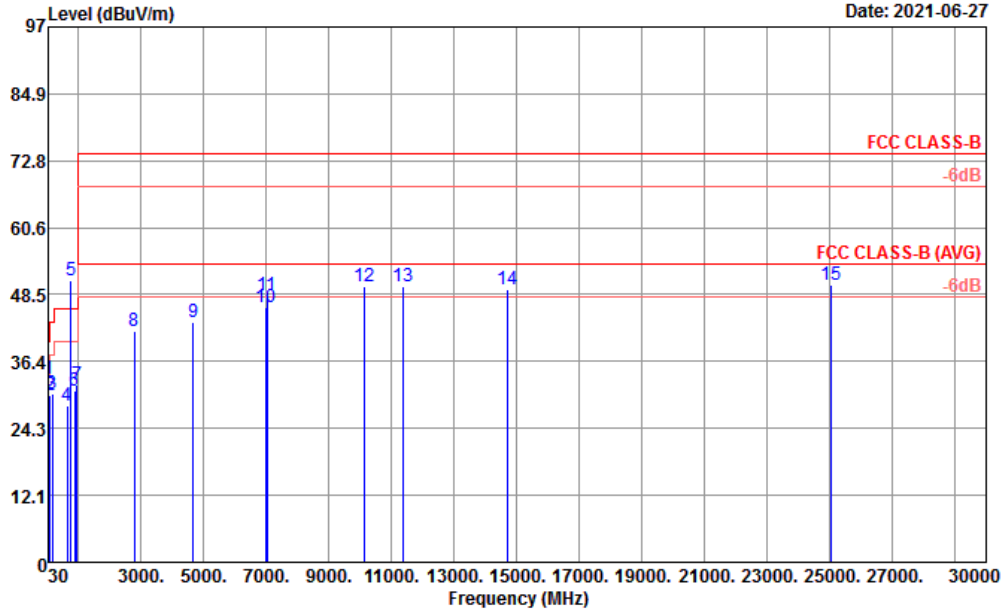


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133144
 Power : 120Vac/60Hz
 Mode : 4

	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	31.94	22.23	-17.77	40.00	23.38	30.84	0.65	32.64	---	---	Peak
2	81.41	22.95	-17.05	40.00	13.59	40.93	1.03	32.60	---	---	Peak
3	159.01	28.36	-15.14	43.50	16.59	42.88	1.43	32.54	---	---	Peak
4 *	753.50	51.13			28.59	51.87	3.09	32.42	---	---	Peak
5	795.33	30.17	-15.83	46.00	28.49	30.84	3.20	32.36	---	---	Peak
6	883.60	31.36	-14.64	46.00	28.88	30.99	3.34	31.85	---	---	Peak
7	948.59	32.17	-13.83	46.00	30.58	29.35	3.48	31.24	100	0	Peak
8	2192.00	42.40	-31.60	74.00	27.85	67.30	5.46	58.21	---	---	Peak
9	4304.00	43.03	-30.97	74.00	29.92	63.45	8.12	58.46	---	---	Peak
10	6656.00	46.31	-27.69	74.00	34.21	61.12	10.53	59.55	---	---	Peak
11	8676.00	48.88	-25.12	74.00	37.40	59.44	11.87	59.83	---	---	Peak
12	10744.00	50.62	-23.38	74.00	39.63	56.89	13.31	59.21	---	---	Peak
13	11398.00	50.79	-23.21	74.00	39.60	56.00	13.82	58.63	---	---	Peak
14	13860.00	50.49	-23.51	74.00	40.42	51.79	15.98	57.70	---	---	Peak
15	24888.00	50.90	-23.10	74.00	39.11	42.32	22.87	53.40	100	0	Peak



Mode :	Mode 4	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		

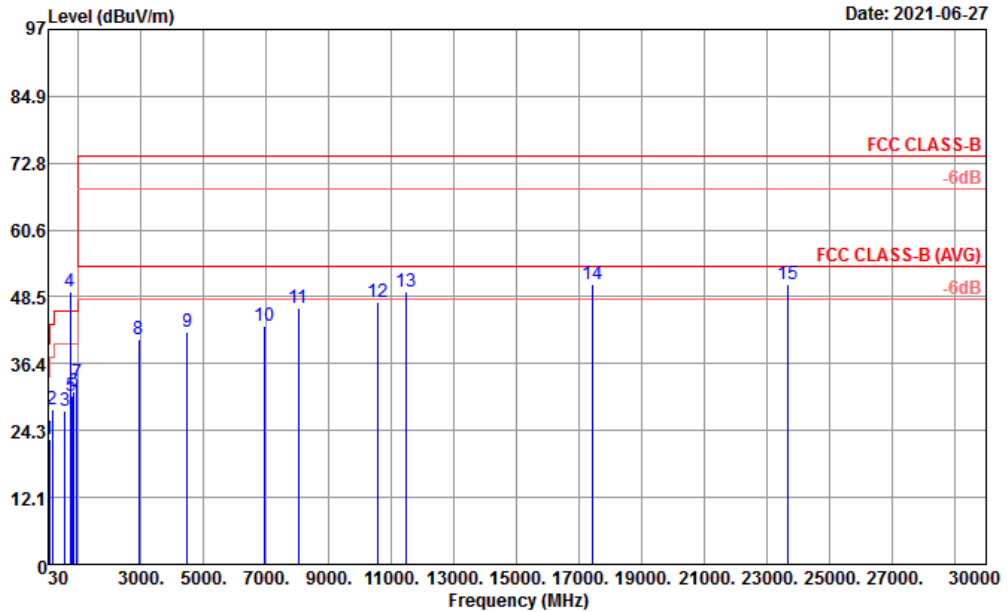


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133144
 Power : 120Vac/60Hz
 Mode : 4

	Freq	Level	Over Limit	LimitAntenna Line	Antenna Factor	Read Level	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB/m	dBuV	dB	dB	cm	deg	
1	42.61	33.21	-6.79	40.00	18.07	47.03	0.75	32.64	100	0	Peak
2	88.20	30.23	-13.27	43.50	14.47	47.29	1.07	32.60	---	---	Peak
3	159.98	30.50	-13.00	43.50	16.45	45.16	1.43	32.54	---	---	Peak
4	644.98	28.49	-17.51	46.00	26.63	31.52	2.85	32.51	---	---	Peak
5 *	753.50	50.94			28.59	51.68	3.09	32.42	---	---	Peak
6	864.20	31.12	-14.88	46.00	29.16	30.62	3.30	31.96	---	---	Peak
7	953.44	32.16	-13.84	46.00	30.83	29.03	3.49	31.19	---	---	Peak
8	2776.00	41.88	-32.12	74.00	27.90	65.85	6.23	58.10	---	---	Peak
9	4674.00	43.41	-30.59	74.00	31.00	62.47	8.37	58.43	---	---	Peak
10	6988.00	46.17	-27.83	74.00	35.15	59.55	11.14	59.67	---	---	Peak
11	7034.00	48.49	-25.51	74.00	35.40	61.54	11.23	59.68	---	---	Peak
12	10114.00	50.00	-24.00	74.00	38.86	58.64	12.81	60.31	---	---	Peak
13	11354.00	50.07	-23.93	74.00	39.51	55.41	13.79	58.64	---	---	Peak
14	14695.00	49.38	-24.62	74.00	41.59	49.68	16.49	58.38	---	---	Peak
15	25056.00	50.12	-23.88	74.00	39.20	41.37	22.95	53.40	100	0	Peak



Mode :	Mode 5	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#4 is system simulator signal which can be ignored.		

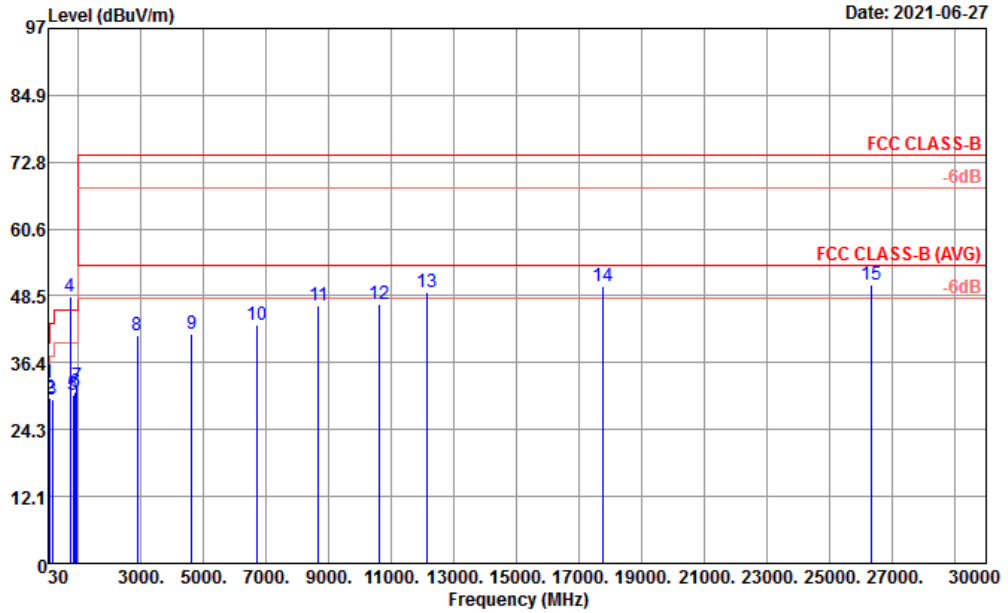


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 5

	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	62.98	22.57	-17.43	40.00	11.78	42.51	0.90	32.62	---	---	Peak
2	159.98	28.20	-15.30	43.50	16.45	42.86	1.43	32.54	---	---	Peak
3	563.50	27.94	-18.06	46.00	26.10	31.68	2.66	32.50	---	---	Peak
4 *	736.50	49.40			28.24	50.55	3.05	32.44	---	---	Peak
5	788.54	30.62	-15.38	46.00	28.57	31.24	3.18	32.37	---	---	Peak
6	841.89	31.21	-14.79	46.00	29.15	30.90	3.26	32.10	---	---	Peak
7	952.47	32.88	-13.12	46.00	30.78	29.82	3.48	31.20	100	0	Peak
8	2934.00	40.87	-33.13	74.00	28.24	64.31	6.45	58.13	---	---	Peak
9	4478.00	42.12	-31.88	74.00	30.31	62.00	8.21	58.40	---	---	Peak
10	6956.00	43.10	-30.90	74.00	35.02	56.69	11.04	59.65	---	---	Peak
11	8030.00	46.61	-27.39	74.00	37.00	57.43	11.48	59.30	---	---	Peak
12	10538.00	47.42	-26.58	74.00	39.50	54.40	13.15	59.63	---	---	Peak
13	11478.00	49.39	-24.61	74.00	39.68	54.44	13.89	58.62	---	---	Peak
14	17410.00	50.78	-23.22	74.00	40.87	49.68	18.30	58.07	100	0	Peak
15	23664.00	50.73	-23.27	74.00	38.97	43.00	22.26	53.50	---	---	Peak



Mode :	Mode 5	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#4 is system simulator signal which can be ignored.		

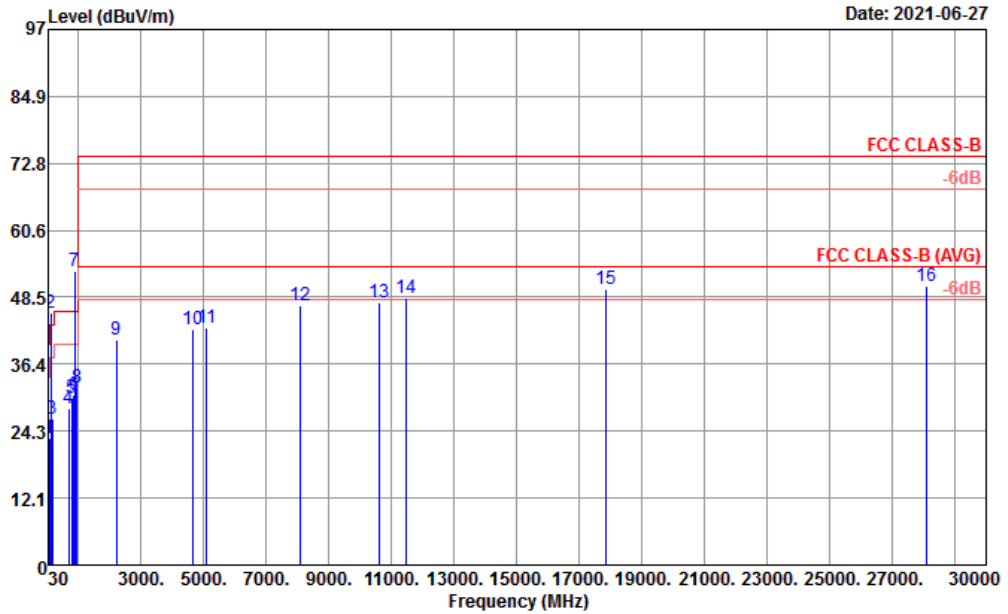


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 5

	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	42.61	32.64	-7.36	40.00	18.07	46.46	0.75	32.64	100	0	Peak
2	86.26	29.99	-10.01	40.00	14.12	47.41	1.06	32.60	---	---	Peak
3	159.01	29.74	-13.76	43.50	16.59	44.26	1.43	32.54	---	---	Peak
4 *	736.50	48.43			28.24	49.58	3.05	32.44	---	---	Peak
5	835.10	30.56	-15.44	46.00	28.96	30.49	3.25	32.14	---	---	Peak
6	891.36	30.94	-15.06	46.00	28.89	30.50	3.35	31.80	---	---	Peak
7	954.41	32.03	-13.97	46.00	30.89	28.83	3.49	31.18	---	---	Peak
8	2870.00	41.33	-32.67	74.00	28.04	65.05	6.36	58.12	---	---	Peak
9	4626.00	41.68	-32.32	74.00	30.80	61.01	8.29	58.42	---	---	Peak
10	6680.00	43.11	-30.89	74.00	34.26	57.87	10.53	59.55	---	---	Peak
11	8660.00	46.71	-27.29	74.00	37.34	57.30	11.87	59.80	---	---	Peak
12	10614.00	47.05	-26.95	74.00	39.50	53.82	13.21	59.48	---	---	Peak
13	12110.00	49.30	-24.70	74.00	38.79	55.90	14.40	59.79	---	---	Peak
14	17745.00	50.38	-23.62	74.00	43.99	45.98	18.56	58.15	---	---	Peak
15	26316.00	50.53	-23.47	74.00	39.23	41.01	23.50	53.21	100	0	Peak



Mode :	Mode 6	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#2 is FM signal which can be ignored. #7 is system simulator signal which can be ignored.		

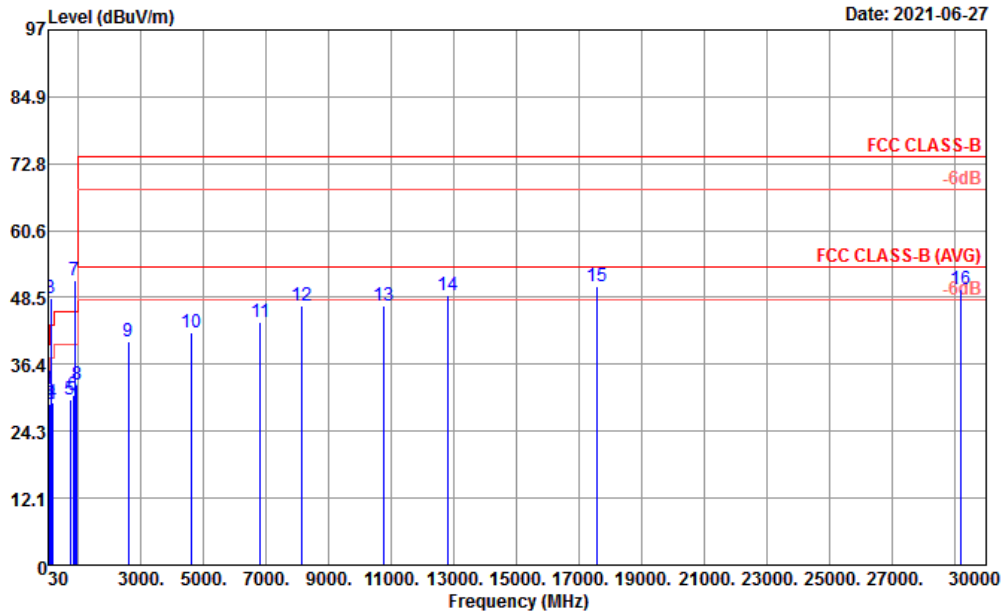


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 6

	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	76.56	22.98	-17.02	40.00	12.87	41.73	0.99	32.61	---	---	Peak
2 *	108.00	45.70			16.79	60.32	1.17	32.58	---	---	Peak
3	158.04	26.50	-17.00	43.50	16.63	40.99	1.42	32.54	---	---	Peak
4	681.84	28.38	-17.62	46.00	26.65	31.31	2.92	32.50	---	---	Peak
5	788.54	30.26	-15.74	46.00	28.57	30.88	3.18	32.37	---	---	Peak
6	851.59	30.79	-15.21	46.00	29.27	30.29	3.27	32.04	---	---	Peak
7 *	881.50	53.15			28.90	52.78	3.33	31.86	---	---	Peak
8	941.80	32.12	-13.88	46.00	30.25	29.73	3.46	31.32	100	0	Peak
9	2204.00	40.88	-33.12	74.00	27.89	65.72	5.47	58.20	---	---	Peak
10	4634.00	42.81	-31.19	74.00	30.84	62.09	8.30	58.42	---	---	Peak
11	5104.00	42.99	-31.01	74.00	31.89	60.83	8.74	58.47	---	---	Peak
12	8102.00	46.88	-27.12	74.00	37.00	57.67	11.55	59.34	---	---	Peak
13	10630.00	47.54	-26.46	74.00	39.50	54.26	13.22	59.44	---	---	Peak
14	11474.00	48.45	-25.55	74.00	39.67	53.52	13.88	58.62	---	---	Peak
15	17850.00	50.02	-23.98	74.00	45.55	44.09	18.64	58.26	---	---	Peak
16	28104.00	50.41	-23.59	74.00	39.52	40.54	24.27	53.92	100	0	Peak



Mode :	Mode 6	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical
Remark :	#3 is FM signal which can be ignored. #7 is system simulator signal which can be ignored.		

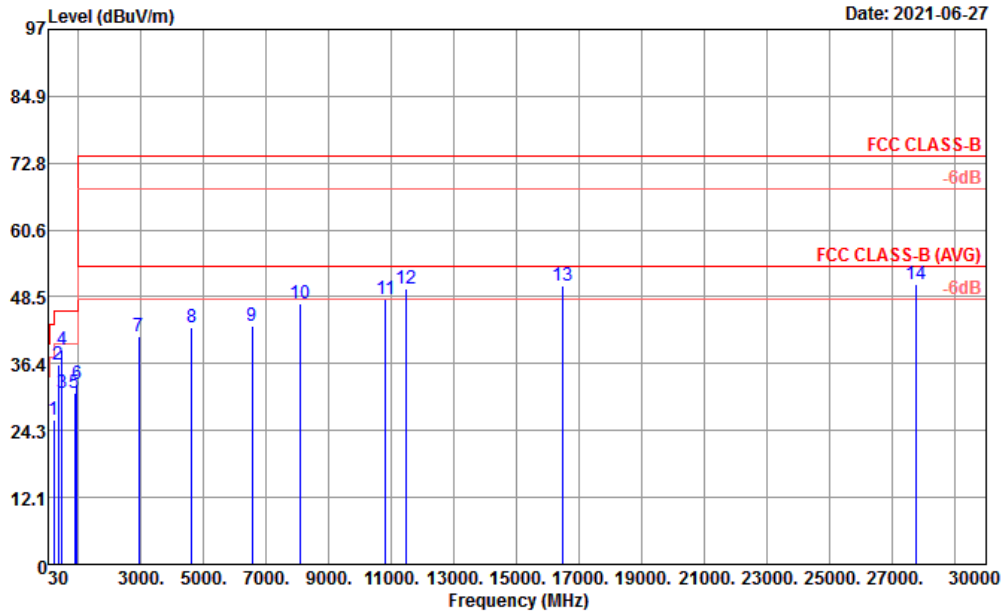


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : 120Vac/60Hz
 Mode : 6

	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	42.61	31.91	-8.09	40.00	18.07	45.73	0.75	32.64	100	0	Peak
2	87.23	29.19	-10.81	40.00	14.28	46.45	1.06	32.60	---	---	Peak
3 *	108.00	48.37			16.79	62.99	1.17	32.58	---	---	Peak
4	159.01	29.43	-14.07	43.50	16.59	43.95	1.43	32.54	---	---	Peak
5	737.13	29.93	-16.07	46.00	28.26	31.06	3.05	32.44	---	---	Peak
6	838.98	30.81	-15.19	46.00	29.09	30.58	3.26	32.12	---	---	Peak
7 *	881.50	51.69			28.90	51.32	3.33	31.86	---	---	Peak
8	958.29	32.64	-13.36	46.00	31.02	29.27	3.49	31.14	---	---	Peak
9	2592.00	40.57	-33.43	74.00	27.38	65.30	5.96	58.07	---	---	Peak
10	4618.00	42.27	-31.73	74.00	30.77	61.65	8.27	58.42	---	---	Peak
11	6812.00	43.96	-30.04	74.00	34.35	58.64	10.57	59.60	---	---	Peak
12	8130.00	47.14	-26.86	74.00	36.94	57.98	11.58	59.36	---	---	Peak
13	10740.00	47.00	-27.00	74.00	39.62	53.30	13.30	59.22	---	---	Peak
14	12806.00	48.85	-25.15	74.00	38.81	53.88	15.03	58.87	---	---	Peak
15	17565.00	50.47	-23.53	74.00	42.15	47.85	18.42	57.95	100	0	Peak
16	29208.00	49.95	-24.05	74.00	40.47	39.48	24.68	54.68	---	---	Peak



Mode :	Mode 7	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Horizontal

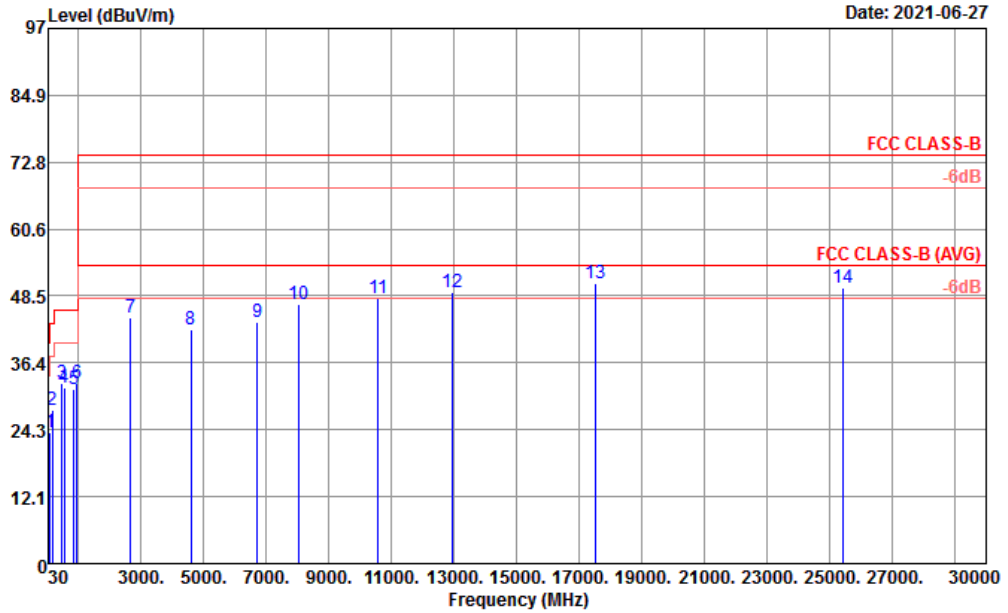


Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 HORIZONTAL
 Project : 133143
 Power : From system
 Mode : 7
 : eMMc to NB

	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	197.81	26.32	-17.18	43.50	14.91	42.33	1.58	32.50	---	---	Peak
2	362.71	36.09	-9.91	46.00	20.70	45.65	2.13	32.39	---	---	Peak
3	463.59	31.20	-14.80	46.00	23.34	37.89	2.40	32.43	---	---	Peak
4	480.08	39.03	-6.97	46.00	23.55	45.46	2.46	32.44	100	0	Peak
5	871.96	31.12	-14.88	46.00	29.11	30.62	3.31	31.92	---	---	Peak
6	955.38	32.64	-13.36	46.00	30.93	29.39	3.49	31.17	---	---	Peak
7	2914.00	41.45	-32.55	74.00	28.16	64.99	6.42	58.12	---	---	Peak
8	4626.00	42.85	-31.15	74.00	30.80	62.18	8.29	58.42	---	---	Peak
9	6556.00	43.30	-30.70	74.00	34.21	58.17	10.43	59.51	---	---	Peak
10	8104.00	47.30	-26.70	74.00	36.99	58.10	11.55	59.34	---	---	Peak
11	10812.00	48.01	-25.99	74.00	39.84	53.88	13.36	59.07	---	---	Peak
12	11486.00	49.89	-24.11	74.00	39.69	54.93	13.89	58.62	---	---	Peak
13	16445.00	50.65	-23.35	74.00	38.38	52.82	17.55	58.10	---	---	Peak
14	27780.00	50.80	-23.20	74.00	39.66	40.58	24.10	53.54	100	0	Peak



Mode :	Mode 7	Temperature :	21.5~22.4°C
Test Engineer :	Johnny Hsieh	Relative Humidity :	68.7~68.9%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH10-HY
 Condition : FCC CLASS-B 3m SHF HORN BBHA9170009 VERTICAL
 Project : 133143
 Power : From system
 Mode : 7
 : eMMc to NB

	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	85.29	23.71	-16.29	40.00	14.00	41.26	1.05	32.60	---	---	Peak
2	158.04	27.79	-15.71	43.50	16.63	42.28	1.42	32.54	---	---	Peak
3	480.08	32.79	-13.21	46.00	23.55	39.22	2.46	32.44	100	0	Peak
4	533.43	31.98	-14.02	46.00	23.92	37.94	2.60	32.48	---	---	Peak
5	861.29	31.71	-14.29	46.00	29.22	31.18	3.29	31.98	---	---	Peak
6	958.29	32.59	-13.41	46.00	31.02	29.22	3.49	31.14	---	---	Peak
7	2664.00	44.65	-29.35	74.00	27.73	68.93	6.07	58.08	---	---	Peak
8	4604.00	42.37	-31.63	74.00	30.72	61.81	8.25	58.41	---	---	Peak
9	6722.00	43.71	-30.29	74.00	34.26	58.49	10.53	59.57	---	---	Peak
10	8020.00	47.03	-26.97	74.00	37.00	57.85	11.47	59.29	---	---	Peak
11	10566.00	47.96	-26.04	74.00	39.50	54.87	13.17	59.58	---	---	Peak
12	12930.00	49.15	-24.85	74.00	38.90	53.72	15.14	58.61	---	---	Peak
13	17540.00	50.71	-23.29	74.00	41.90	48.33	18.40	57.92	100	0	Peak
14	25404.00	49.88	-24.12	74.00	38.89	41.25	23.14	53.40	---	---	Peak

THE END