FCC EMI TEST REPORT

FCC ID	:	**PY7-68553D**
Equipment	:	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac, 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**

The product was received on Jun. 04, 2019 and testing was started from Jun. 28, 2019 and completed on Jul. 06, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Jones Tsai

Approved by: Jones Tsai

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FC940906-01	01	Initial issue of report	Jul. 23, 2019

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 11.650 dB at 1.574 MHz
3.2	15.109	Radiated Emission	Pass	Under limit 5.42 dB at 30.000 MHz for Quasi-Peak

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Louis Wu

Report Producer: Wii Chang

1. General Description

1.1. Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WWAN: Loop Antenna WLAN: **<Ant. 1>**: Loop Antenna **<Ant. 2>**: Monopole Antenna Bluetooth: Loop Antenna GPS/Glonass/Galileo/ BDS: Loop Antenna NFC: Loop Antenna

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	1.22	BH9300B4H3	Conducted Emission Radiated Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N: 6218W30200140 (for radiated emission) 6218W30200197 (for conducted emission)
Earphone	Model Name.: MH750
	S/N : N/A
USB Cable	Model Name.: UCB24
	S/N : N/A
2 in 1 USB Audio Cable	Model Name.: EC270
	S/N : N/A
Car Charger	Model Name.: AN430
	S/N : 1728A9390002A70

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	03CH06-HY

FCC Designation No.: TW1093

1.4. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC 47 CFR FCC Part 15 Subpart B
- ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

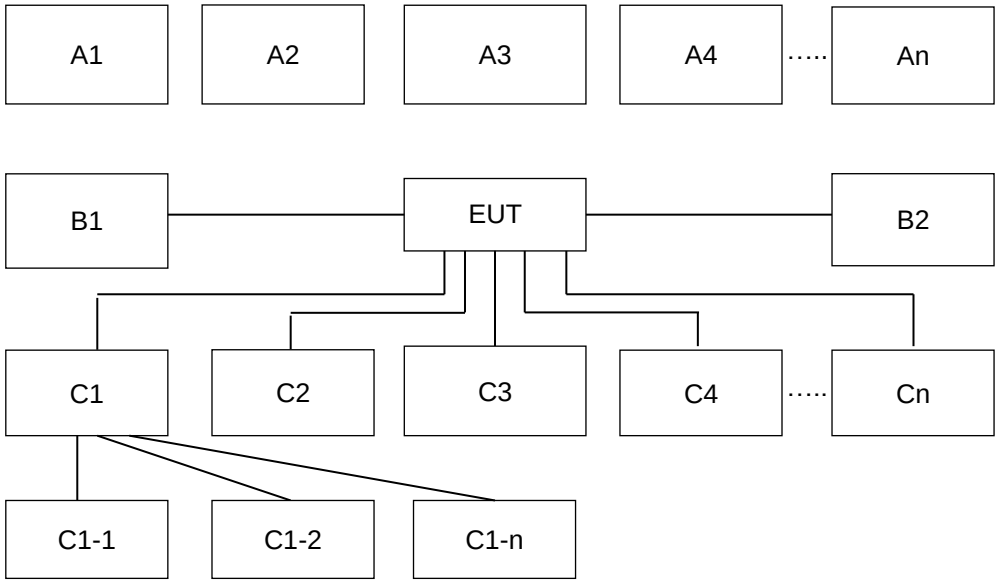
2. Test Configuration of Equipment Under Test

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 + MPEG4 + USB Cable (Charging from Adapter) + Battery Mode 2 : WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MPEG4 + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3 : LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + USB Cable (Charging from Adapter) + Battery Mode 4 : LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Front) + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 5 : GSM850 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Adapter) + Battery Mode 6 : GSM850 (High Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 7 : Flight Mode + USB Cable (Data Link with Notebook) + Battery
Radiated Emissions	Mode 1 : GSM850 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + MPEG4 + USB Cable (Charging from Adapter) + Battery Mode 2 **:** WCDMA Band V (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + MPEG4 + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 3 : LTE Band 13 (Middle Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + GPS Rx + USB Cable (Charging from Adapter) + Battery Mode 4 : LTE Band 17 (Middle Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + Camera (Front) + USB Audio Cable + USB Cable (Charging from Adapter) + Battery + Earphone Mode 5 : GSM850 (Low Channel) Idle + Bluetooth Idle + WLAN (2.4GHz) Idle + Camera (Rear) + USB Cable (Charging from Car Charger (12Vdc)) + Battery Mode 6 : GSM850 (High Channel) Idle + Bluetooth Idle + WLAN (5GHz) Idle + NFC On + USB Audio Cable + USB Cable (Charging from Car Charger (24Vdc)) + Battery + Earphone Mode 7 : Flight Mode + USB Cable (Data Link with Notebook) + Battery
Remark: **1.** Data Linking with Notebook means data application transferred mode between EUT and Notebook. **2.** For radiation emission after pre-scanned the cellular band between 30MHz ~ 960MHz (GSM850/WCDMA Band V/LTE Band 5/13/17), only the worst case for cellular band test data of this mode was reported.	

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/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	AC Power Cable							X
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
C1	Notebook	USB Cable							X
C1-1	Music Player	USB Cable to C1							X
C1-2	AP router	RJ-45 Cable to C1							X
C2	Earphone	Earphone jack		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/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	
B2	DC : 12V/24V	DC Power Cable			X	X			
B3	Power from system	AC Power Cable							X
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
C1	Notebook	USB cable							X
C1-1	Music Player	USB Cable to C1							X
C1-2	AP router	RJ-45 Cable to C1							X
C2	Earphone	Earphone jack		X		X		X	
C3	SD card	SD I/O interface without cable	X	X	X	X	X	X	X
C4	Smart Phone	USB Cable			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	Anritsu	8820C	N/A	N/A	Unshielded, 1.8 m
3.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
4.	Bluetooth Earphone	Sony	RD-0250	PY700A2029	N/A	N/A
5.	Bluetooth Earphone	Sony	SBH82D	PY7-RD0010	N/A	N/A
6.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
7.	WLAN AP	ASUS	RT-AC1750	MSQ-RTAC1750	N/A	Unshielded, 1.8 m
8.	Music Player	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
9.	Notebook	DELL	Latitude E3340	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
10.	Notebook	DELL	Latitude E5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
11.	Car Battery	GS	65B24LS	FCC DoC	NA	NA
12.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
13.	Smart Phone	Sony	NA	NA	NA	NA

2.4. EUT Operation Test Setup

The EUT was in GSM and LTE idle mode during the testing. The EUT was synchronized with the BCCH, and had been continuous receiving mode by setting paging reorganization of the system simulator.

At the same time, the EUT was attached to the Bluetooth earphone or WLAN AP, and the following programs installed in the EUT were programmed during the test:

1. Data application is transferred between Laptop and EUT via USB cable.
2. Execute “GPS Test” to make the EUT receive continuous signals from GPS station.
3. Execute “Video player” to play MPEG4 files.
4. Turn on camera to capture images.
5. Turn on NFC function
6. The data application (each file size is greater than 30Mbytes) is continuously transferred between the EUT and Notebook connected via USB cable, while Flight mode..

3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

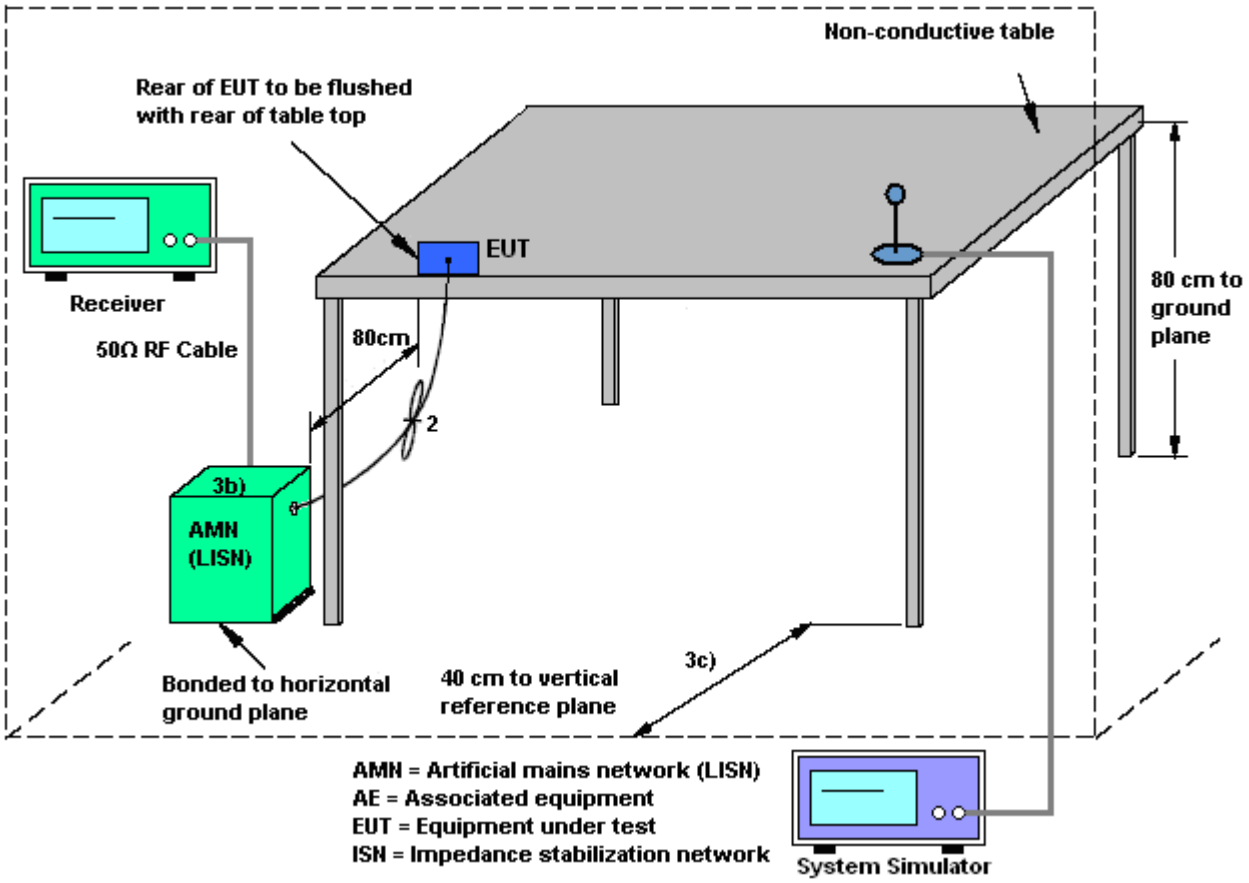
3.1.2 Measuring Instruments

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

3.1.3 Test Procedure

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4 Test Setup



3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

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

3.2.2. Measuring Instruments

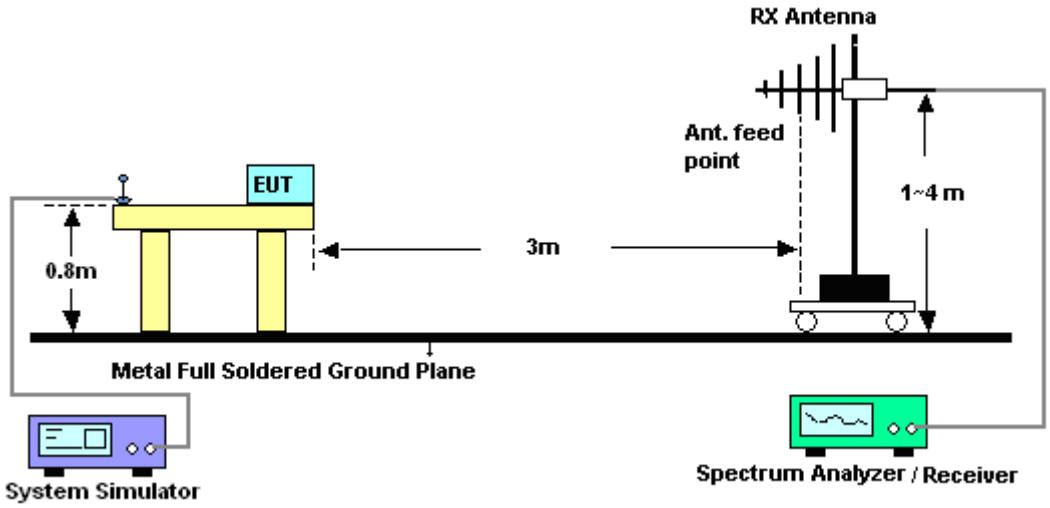
Refer a test equipment and calibration data table in this test report.

3.2.3. Test Procedures

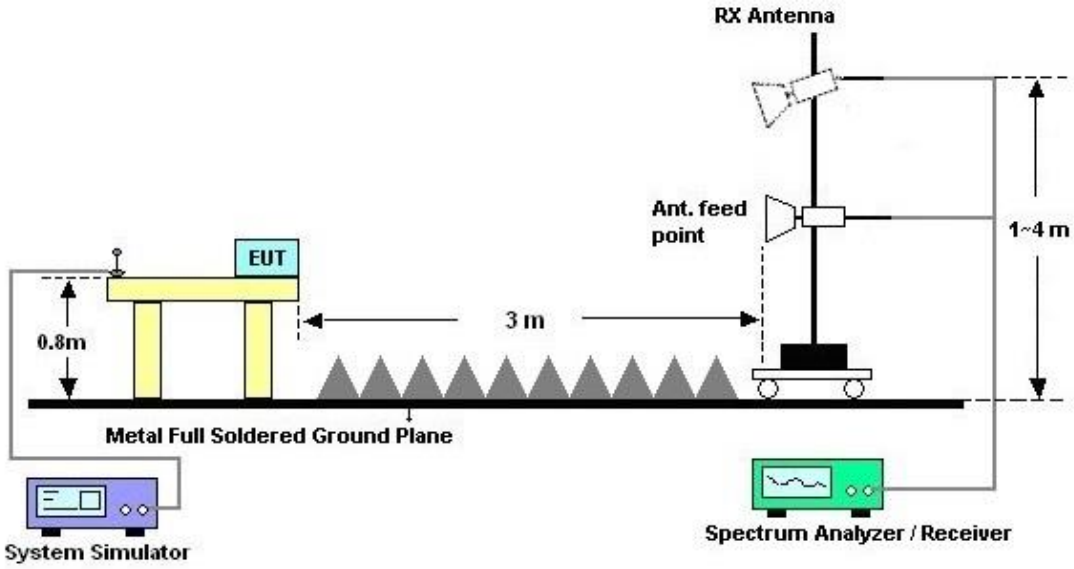
1. The EUT was placed on a turntable with 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. The antenna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

3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.2.5. Test Result of Radiated Emission

Please refer to Appendix B.

4. List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 28, 2019~ Jun. 30, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Jun. 28, 2019~ Jun. 30, 2019	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jun. 28, 2019~ Jun. 30, 2019	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jun. 28, 2019~ Jun. 30, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jun. 28, 2019~ Jun. 30, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 28, 2019~ Jun. 30, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jun. 28, 2019~ Jun. 30, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jun. 28, 2019~ Jun. 30, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Preamplifier	SONOMA	310N	186713	9kHz~1GHz	May 01, 2019	Jul. 06, 2019	Apr. 30, 2020	Radiation (03CH06-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 24, 2019	Jul. 06, 2019	Apr. 23, 2020	Radiation (03CH06-HY)
Bilog Antenna	Schaffner	CBL6111C&N -6-06	2725&AT-N0601	30MHz~1GHz	Oct. 13, 2018	Jul. 06, 2019	Oct. 12, 2019	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1156	1GHz~18GHz	Aug. 24, 2018	Jul. 06, 2019	Aug. 23, 2019	Radiation (03CH06-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	Jul. 06, 2019	Dec. 04, 2019	Radiation (03CH06-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Jul. 06, 2019	Dec. 05, 2019	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 08, 2019	Jul. 06, 2019	Jan. 07, 2020	Radiation (03CH06-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Nov. 02, 2018	Jul. 06, 2019	Nov. 01, 2019	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Jul. 06, 2019	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Jul. 06, 2019	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Jul. 06, 2019	N/A	Radiation (03CH06-HY)
Test Software	AUDIX	e3	6.2009-8-24(k5)	N/A	N/A	Jul. 06, 2019	N/A	Radiation (03CH06-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER+SUHNER/WOKEN/HARBOUR INDUSTRIES	SUCOFLEX 104 /STORM/LL142	MY24966/4/00100A1O2A178T/CA3601-3601-1000	30MHz-26GHz	Nov. 22, 2018	Jul. 06, 2019	Nov. 21, 2019	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Fed. 26, 2019	Jul. 06, 2019	Fed. 25, 2020	Radiation (03CH06-HY)
Filter	Microwave	H1G013G1	SN477215	1.0G High Pass	Nov. 02, 2018	Jul. 06, 2019	Nov. 01, 2019	Radiation (03CH06-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 02, 2018	Jul. 06, 2019	Nov. 01, 2019	Radiation (03CH06-HY)

5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.20**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.90**

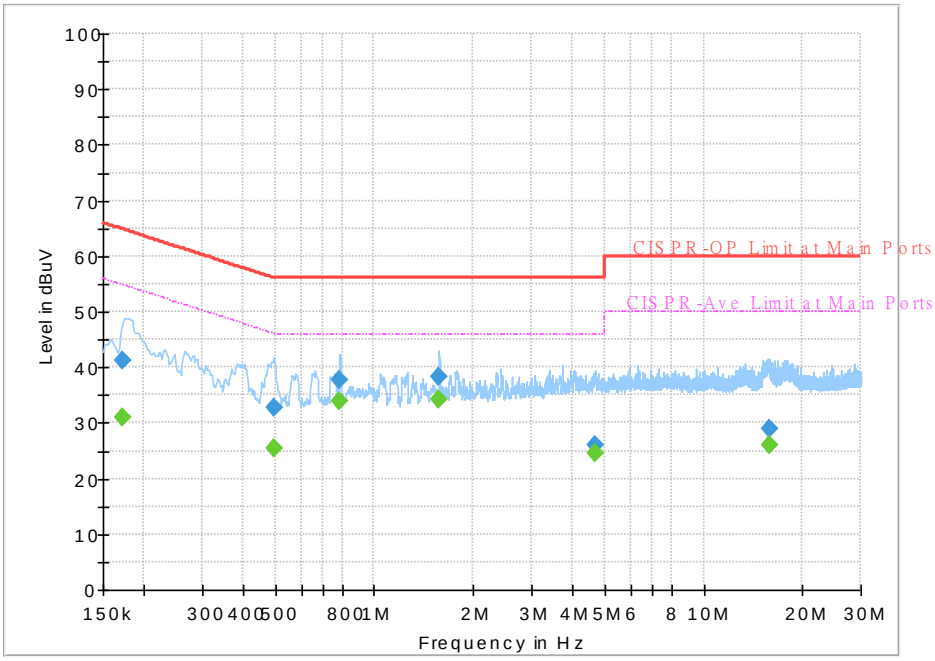
Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.70**

Appendix A. AC Conducted Emission Test Results

Test Mode :	Mode 1	**Temperature :**	24~26℃
Test Engineer :	Jimmy Chang	**Relative Humidity :**	52~54%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

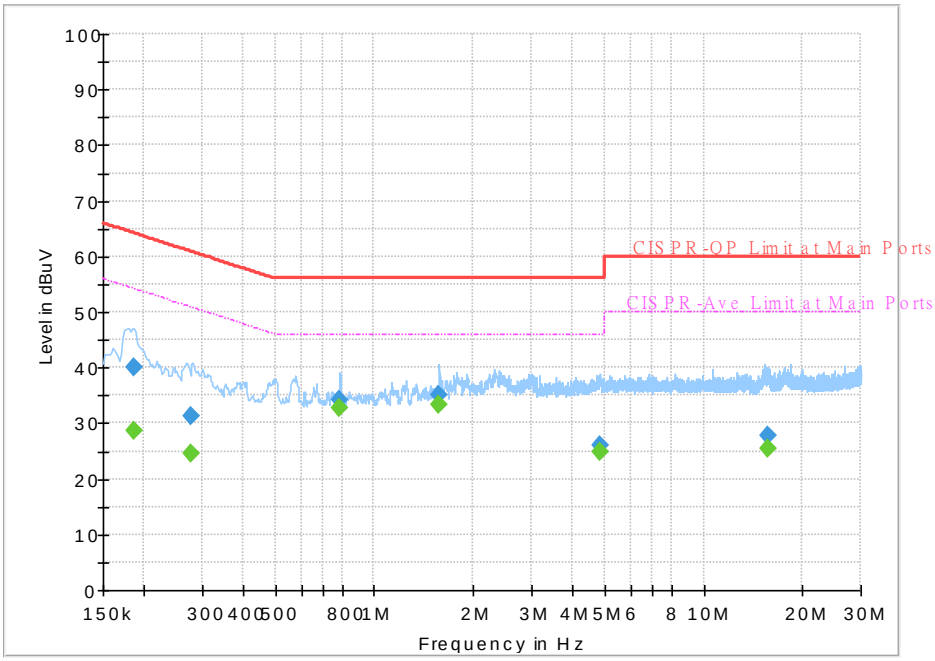


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	30.92	54.84	23.92	L1	OFF	19.4
0.172500	41.15	---	64.84	23.69	L1	OFF	19.4
0.496500	---	25.49	46.06	20.57	L1	OFF	19.4
0.496500	32.82	---	56.06	23.24	L1	OFF	19.4
0.786750	---	33.88	46.00	12.12	L1	OFF	19.5
0.786750	37.69	---	56.00	18.31	L1	OFF	19.5
1.574250	---	34.35	46.00	11.65	L1	OFF	19.5
1.574250	38.26	---	56.00	17.74	L1	OFF	19.5
4.661250	---	24.70	46.00	21.30	L1	OFF	19.6
4.661250	26.13	---	56.00	29.87	L1	OFF	19.6
15.792000	---	25.88	50.00	24.12	L1	OFF	20.0
15.792000	29.04	---	60.00	30.96	L1	OFF	20.0

Test Mode :	Mode 1	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

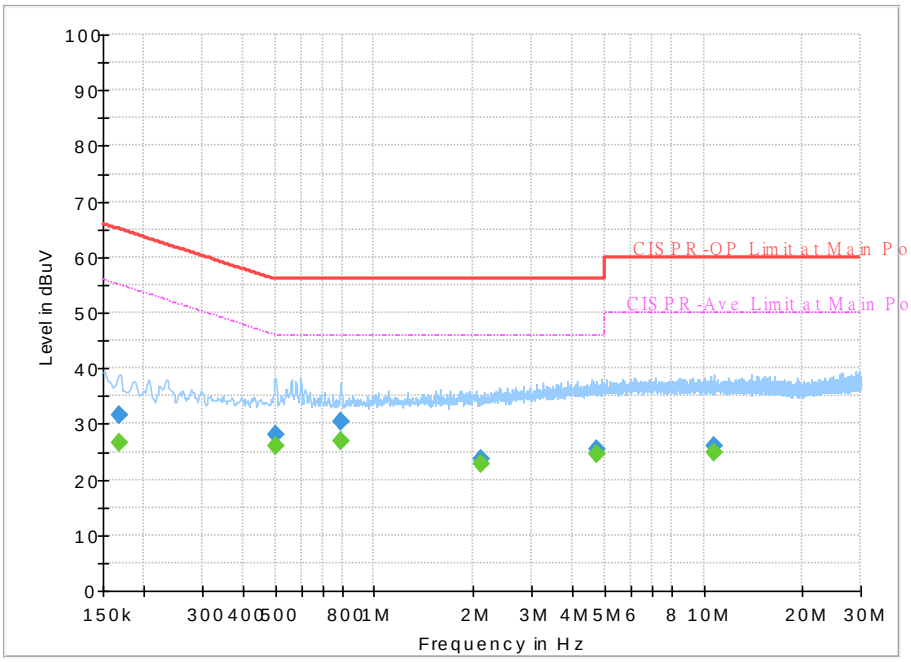


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.186000	---	28.71	54.21	25.50	N	OFF	19.5
0.186000	40.00	---	64.21	24.21	N	OFF	19.5
0.278250	---	24.66	50.87	26.21	N	OFF	19.5
0.278250	31.30	---	60.87	29.57	N	OFF	19.5
0.786750	---	32.77	46.00	13.23	N	OFF	19.5
0.786750	34.24	---	56.00	21.76	N	OFF	19.5
1.574250	---	33.46	46.00	12.54	N	OFF	19.5
1.574250	35.19	---	56.00	20.81	N	OFF	19.5
4.845750	---	24.78	46.00	21.22	N	OFF	19.7
4.845750	26.06	---	56.00	29.94	N	OFF	19.7
15.690750	---	25.50	50.00	24.50	N	OFF	20.1
15.690750	27.65	---	60.00	32.35	N	OFF	20.1

Test Mode :	Mode 2	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

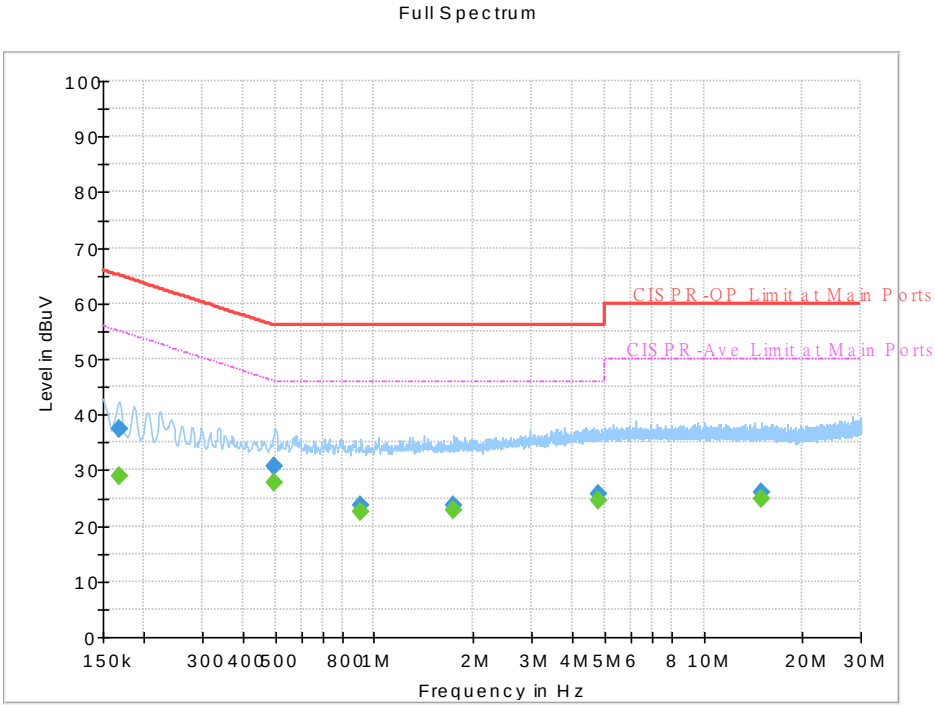
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	26.73	55.06	28.33	L1	OFF	19.4
0.168000	31.47	---	65.06	33.59	L1	OFF	19.4
0.501000	---	25.88	46.00	20.12	L1	OFF	19.4
0.501000	28.13	---	56.00	27.87	L1	OFF	19.4
0.791250	---	27.03	46.00	18.97	L1	OFF	19.4
0.791250	30.31	---	56.00	25.69	L1	OFF	19.4
2.114250	---	22.74	46.00	23.26	L1	OFF	19.3
2.114250	23.79	---	56.00	32.21	L1	OFF	19.3
4.744500	---	24.51	46.00	21.49	L1	OFF	19.6
4.744500	25.57	---	56.00	30.43	L1	OFF	19.6
10.785750	---	24.98	50.00	25.02	L1	OFF	19.8
10.785750	26.07	---	60.00	33.93	L1	OFF	19.8

Test Mode :	Mode 2	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

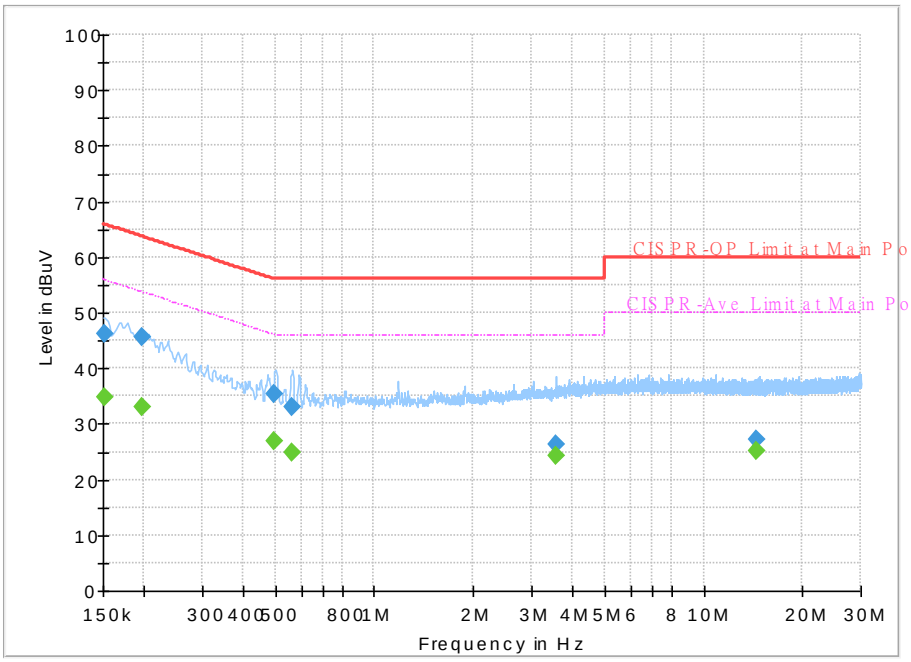


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	28.86	55.06	26.20	N	OFF	19.5
0.168000	37.28	---	65.06	27.78	N	OFF	19.5
0.498750	---	27.69	46.02	18.33	N	OFF	19.5
0.498750	30.76	---	56.02	25.26	N	OFF	19.5
0.910500	---	22.39	46.00	23.61	N	OFF	19.5
0.910500	23.58	---	56.00	32.42	N	OFF	19.5
1.743000	---	22.69	46.00	23.31	N	OFF	19.5
1.743000	23.55	---	56.00	32.45	N	OFF	19.5
4.803000	---	24.65	46.00	21.35	N	OFF	19.7
4.803000	25.84	---	56.00	30.16	N	OFF	19.7
14.916750	---	24.75	50.00	25.25	N	OFF	20.1
14.916750	26.02	---	60.00	33.98	N	OFF	20.1

Test Mode :	Mode 3	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

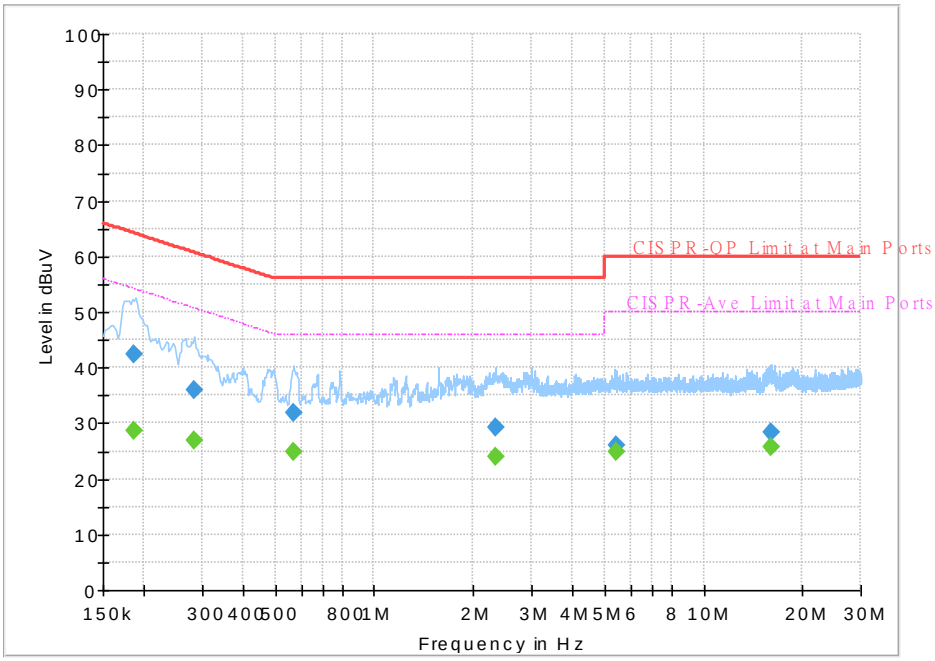


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	34.91	55.88	20.97	L1	OFF	19.4
0.152250	46.17	---	65.88	19.71	L1	OFF	19.4
0.197250	---	32.98	53.73	20.75	L1	OFF	19.4
0.197250	45.54	---	63.73	18.19	L1	OFF	19.4
0.498750	---	26.79	46.02	19.23	L1	OFF	19.4
0.498750	35.28	---	56.02	20.74	L1	OFF	19.4
0.564000	---	24.91	46.00	21.09	L1	OFF	19.4
0.564000	33.17	---	56.00	22.83	L1	OFF	19.4
3.558750	---	24.37	46.00	21.63	L1	OFF	19.6
3.558750	26.46	---	56.00	29.54	L1	OFF	19.6
14.408250	---	25.03	50.00	24.97	L1	OFF	20.0
14.408250	27.12	---	60.00	32.88	L1	OFF	20.0

Test Mode :	Mode 3	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

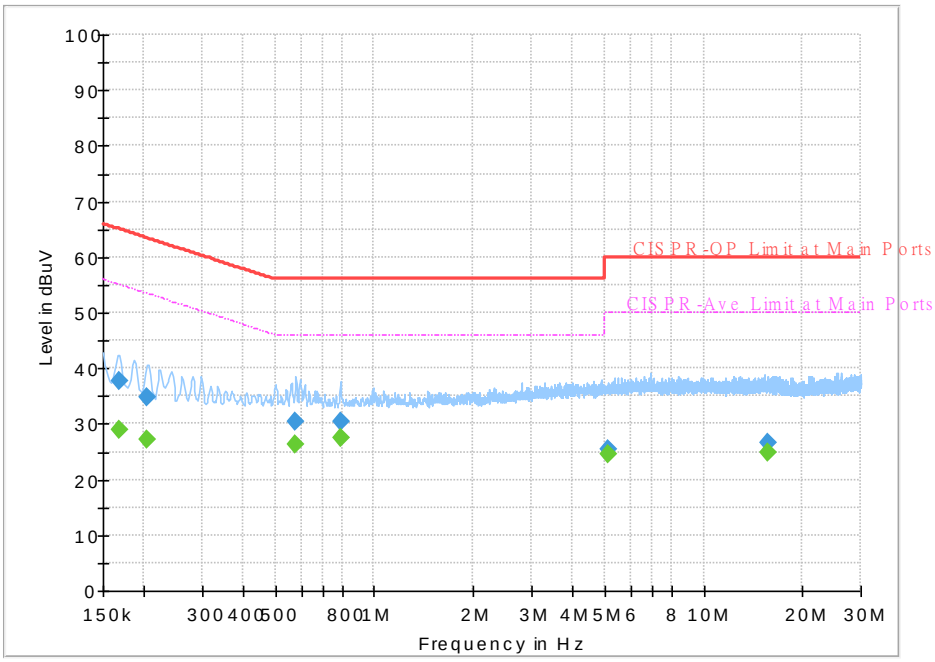


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.186000	---	28.71	54.21	25.50	N	OFF	19.5
0.186000	42.53	---	64.21	21.68	N	OFF	19.5
0.282750	---	26.86	50.74	23.88	N	OFF	19.5
0.282750	36.01	---	60.74	24.73	N	OFF	19.5
0.568500	---	24.79	46.00	21.21	N	OFF	19.5
0.568500	31.91	---	56.00	24.09	N	OFF	19.5
2.337000	---	23.85	46.00	22.15	N	OFF	19.5
2.337000	29.37	---	56.00	26.63	N	OFF	19.5
5.412750	---	24.87	50.00	25.13	N	OFF	19.7
5.412750	25.97	---	60.00	34.03	N	OFF	19.7
15.981000	---	25.82	50.00	24.18	N	OFF	20.1
15.981000	28.28	---	60.00	31.72	N	OFF	20.1

Test Mode :	Mode 4	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

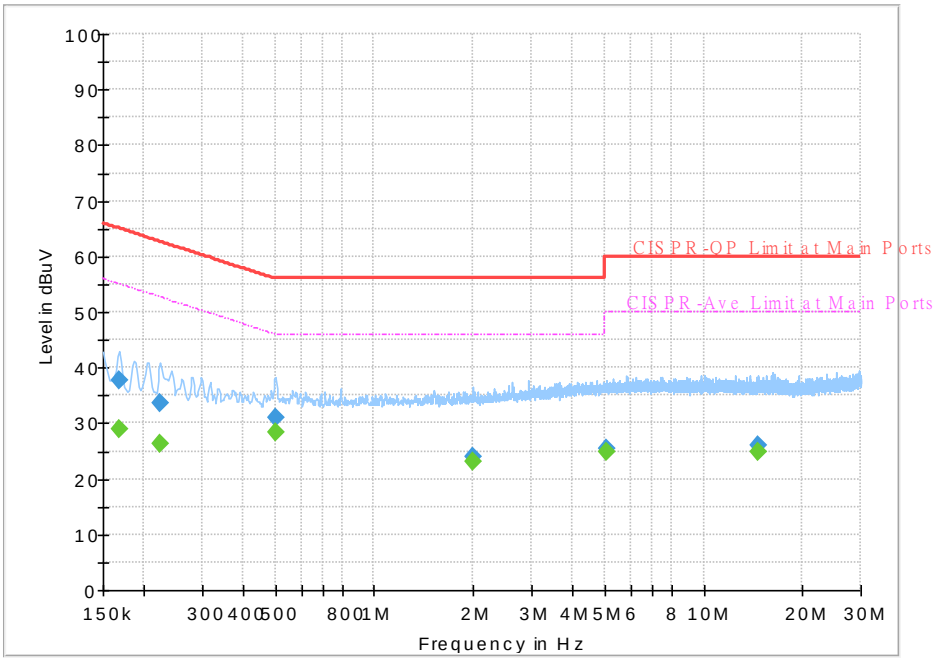


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	28.89	55.06	26.17	L1	OFF	19.4
0.168000	37.62	---	65.06	27.44	L1	OFF	19.4
0.204000	---	27.06	53.45	26.39	L1	OFF	19.4
0.204000	34.90	---	63.45	28.55	L1	OFF	19.4
0.577500	---	26.24	46.00	19.76	L1	OFF	19.4
0.577500	30.45	---	56.00	25.55	L1	OFF	19.4
0.791250	---	27.42	46.00	18.58	L1	OFF	19.4
0.791250	30.36	---	56.00	25.64	L1	OFF	19.4
5.129250	---	24.65	50.00	25.35	L1	OFF	19.6
5.129250	25.52	---	60.00	34.48	L1	OFF	19.6
15.652500	---	24.96	50.00	25.04	L1	OFF	20.0
15.652500	26.60	---	60.00	33.40	L1	OFF	20.0

Test Mode :	Mode 4	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

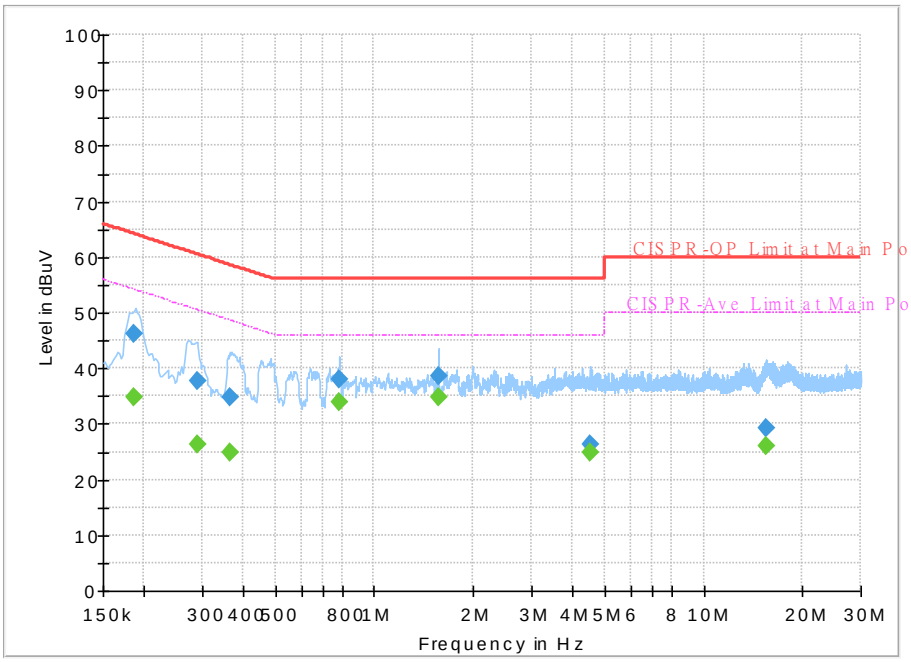


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	28.89	55.06	26.17	N	OFF	19.5
0.168000	37.58	---	65.06	27.48	N	OFF	19.5
0.224250	---	26.22	52.66	26.44	N	OFF	19.5
0.224250	33.61	---	62.66	29.05	N	OFF	19.5
0.501000	---	28.38	46.00	17.62	N	OFF	19.5
0.501000	31.01	---	56.00	24.99	N	OFF	19.5
1.990500	---	23.05	46.00	22.95	N	OFF	19.6
1.990500	24.07	---	56.00	31.93	N	OFF	19.6
5.048250	---	24.77	50.00	25.23	N	OFF	19.7
5.048250	25.51	---	60.00	34.49	N	OFF	19.7
14.644500	---	24.72	50.00	25.28	N	OFF	20.1
14.644500	25.99	---	60.00	34.01	N	OFF	20.1

Test Mode :	Mode 5	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

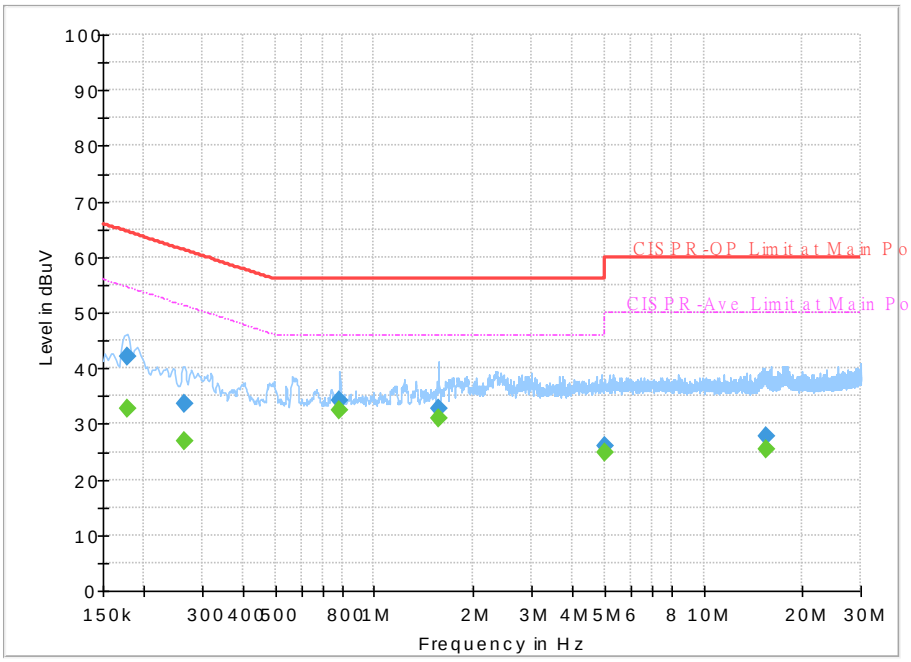


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.186000	---	34.92	54.21	19.29	L1	OFF	19.4
0.186000	46.28	---	64.21	17.93	L1	OFF	19.4
0.289500	---	26.25	50.54	24.29	L1	OFF	19.4
0.289500	37.69	---	60.54	22.85	L1	OFF	19.4
0.363750	---	24.76	48.64	23.88	L1	OFF	19.4
0.363750	34.85	---	58.64	23.79	L1	OFF	19.4
0.784500	---	34.05	46.00	11.95	L1	OFF	19.5
0.784500	37.89	---	56.00	18.11	L1	OFF	19.5
1.567500	---	34.89	46.00	11.11	L1	OFF	19.5
1.567500	38.65	---	56.00	17.35	L1	OFF	19.5
4.521750	---	24.75	46.00	21.25	L1	OFF	19.6
4.521750	26.19	---	56.00	29.81	L1	OFF	19.6
15.429750	---	26.16	50.00	23.84	L1	OFF	20.0
15.429750	29.23	---	60.00	30.77	L1	OFF	20.0

Test Mode :	Mode 5	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

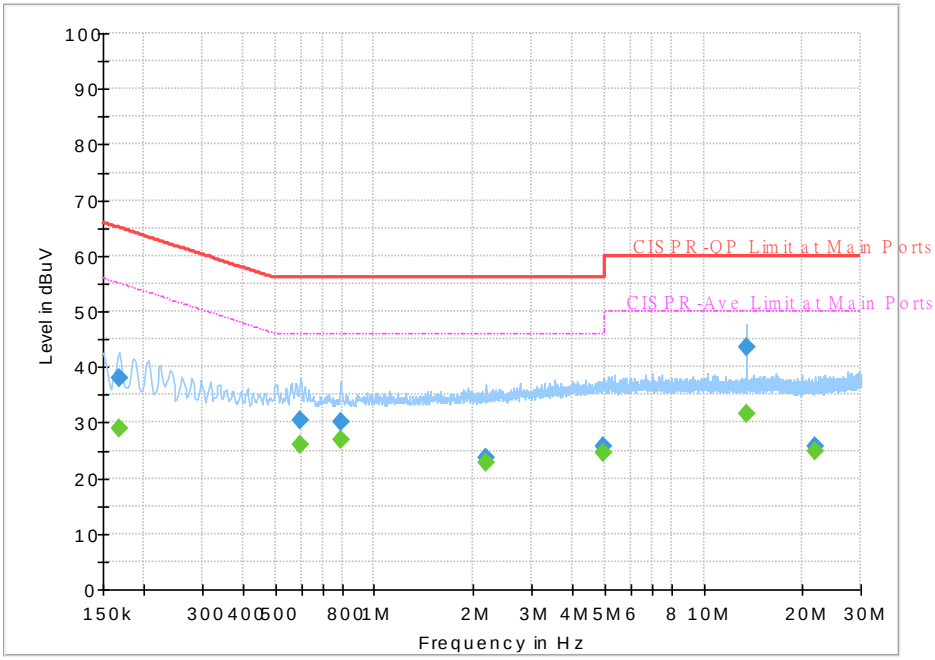


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	---	32.77	54.63	21.86	N	OFF	19.5
0.177000	42.25	---	64.63	22.38	N	OFF	19.5
0.264750	---	26.79	51.28	24.49	N	OFF	19.5
0.264750	33.74	---	61.28	27.54	N	OFF	19.5
0.784500	---	32.52	46.00	13.48	N	OFF	19.5
0.784500	34.09	---	56.00	21.91	N	OFF	19.5
1.567500	---	30.89	46.00	15.11	N	OFF	19.5
1.567500	32.80	---	56.00	23.20	N	OFF	19.5
5.010000	---	24.85	50.00	25.15	N	OFF	19.7
5.010000	25.88	---	60.00	34.12	N	OFF	19.7
15.497250	---	25.51	50.00	24.49	N	OFF	20.1
15.497250	27.68	---	60.00	32.32	N	OFF	20.1

Test Mode :	Mode 6	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

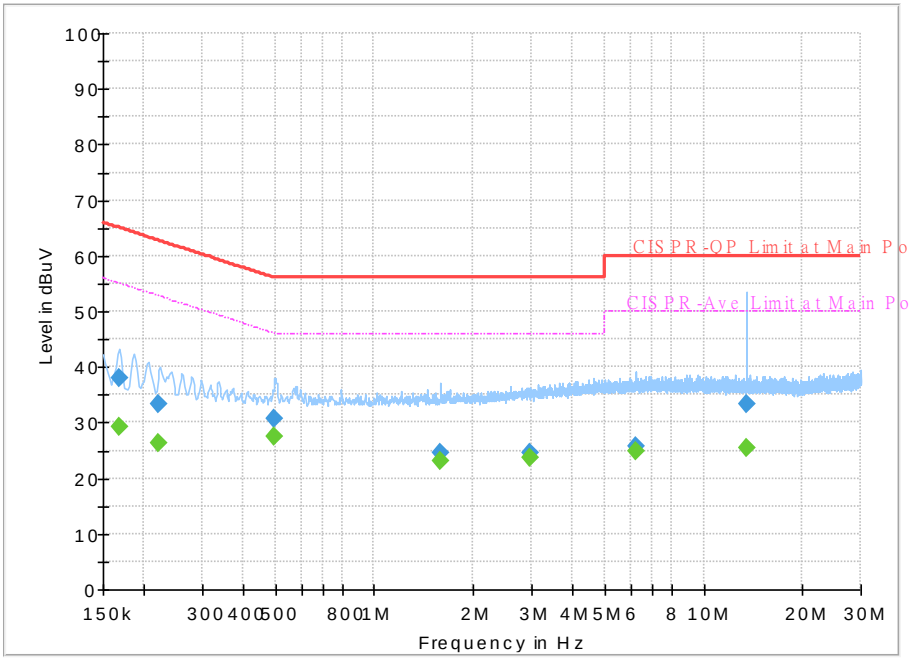


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	37.87	---	65.06	27.19	L1	OFF	19.4
0.168000	---	29.01	55.06	26.05	L1	OFF	19.4
0.597750	30.36	---	56.00	25.64	L1	OFF	19.4
0.597750	---	25.98	46.00	20.02	L1	OFF	19.4
0.793500	30.05	---	56.00	25.95	L1	OFF	19.4
0.793500	---	26.94	46.00	19.06	L1	OFF	19.4
2.188500	23.74	---	56.00	32.26	L1	OFF	19.4
2.188500	---	22.68	46.00	23.32	L1	OFF	19.4
4.949250	25.82	---	56.00	30.18	L1	OFF	19.6
4.949250	---	24.66	46.00	21.34	L1	OFF	19.6
13.560000	43.61	---	60.00	16.39	L1	OFF	19.9
13.560000	---	31.69	50.00	18.31	L1	OFF	19.9
21.813000	25.78	---	60.00	34.22	L1	OFF	20.2
21.813000	---	24.73	50.00	25.27	L1	OFF	20.2

Test Mode :	Mode 6	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

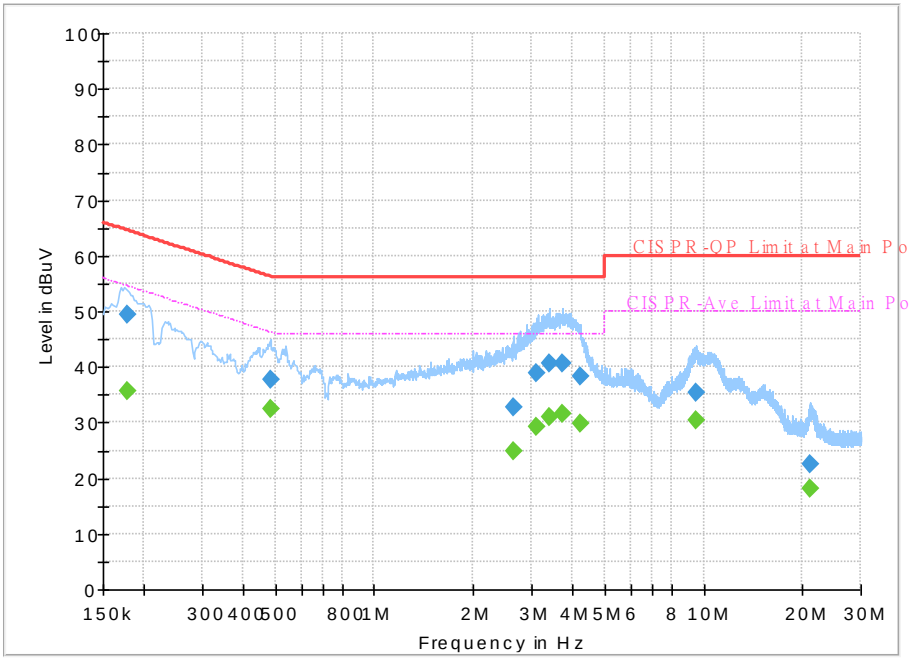


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	29.17	55.06	25.89	N	OFF	19.5
0.168000	37.96	---	65.06	27.10	N	OFF	19.5
0.222000	---	26.23	52.74	26.51	N	OFF	19.5
0.222000	33.37	---	62.74	29.37	N	OFF	19.5
0.498750	---	27.54	46.02	18.48	N	OFF	19.5
0.498750	30.67	---	56.02	25.35	N	OFF	19.5
1.585500	---	23.24	46.00	22.76	N	OFF	19.5
1.585500	24.57	---	56.00	31.43	N	OFF	19.5
2.980500	---	23.59	46.00	22.41	N	OFF	19.6
2.980500	24.60	---	56.00	31.40	N	OFF	19.6
6.249750	---	24.88	50.00	25.12	N	OFF	19.7
6.249750	25.85	---	60.00	34.15	N	OFF	19.7
13.560000	---	25.40	50.00	24.60	N	OFF	20.0
13.560000	33.21	---	60.00	26.79	N	OFF	20.0

Test Mode :	Mode 7	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

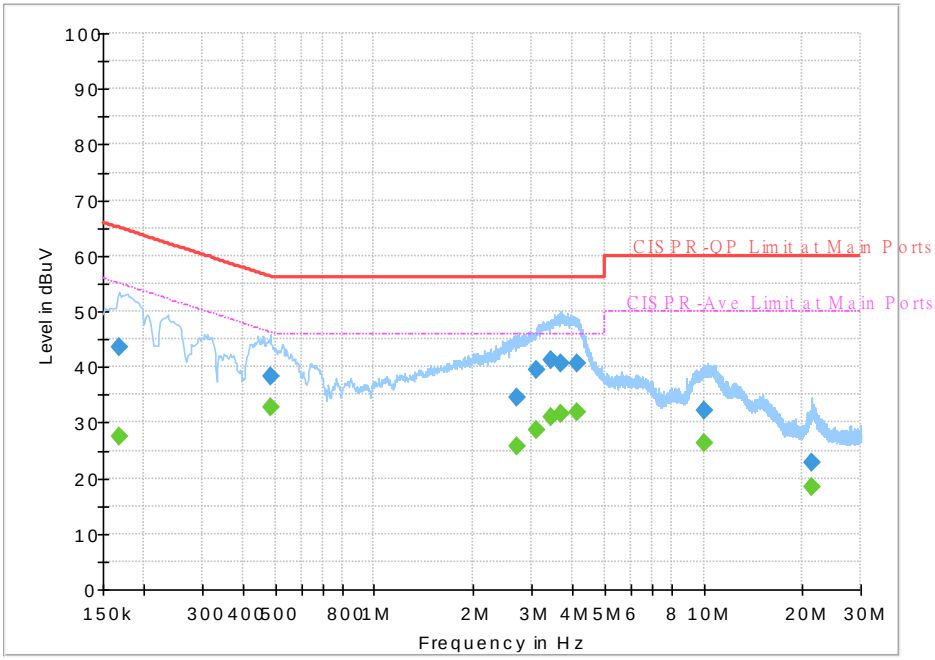


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	49.52	---	64.63	15.11	L1	OFF	19.6
0.177000	---	35.63	54.63	19.00	L1	OFF	19.6
0.485250	37.83	---	56.25	18.42	L1	OFF	19.6
0.485250	---	32.51	46.25	13.74	L1	OFF	19.6
2.636250	32.86	---	56.00	23.14	L1	OFF	19.5
2.636250	---	24.98	46.00	21.02	L1	OFF	19.5
3.120000	38.89	---	56.00	17.11	L1	OFF	19.6
3.120000	---	29.18	46.00	16.82	L1	OFF	19.6
3.410250	40.65	---	56.00	15.35	L1	OFF	19.6
3.410250	---	30.99	46.00	15.01	L1	OFF	19.6
3.743250	40.71	---	56.00	15.29	L1	OFF	19.6
3.743250	---	31.59	46.00	14.41	L1	OFF	19.6
4.215750	38.27	---	56.00	17.73	L1	OFF	19.6
4.215750	---	29.96	46.00	16.04	L1	OFF	19.6
9.449250	35.48	---	60.00	24.52	L1	OFF	19.7
9.449250	---	30.33	50.00	19.67	L1	OFF	19.7
21.171750	22.65	---	60.00	37.35	L1	OFF	19.8
21.171750	---	18.10	50.00	31.90	L1	OFF	19.8

Test Mode :	Mode 7	Temperature :	24~26℃
Test Engineer :	Jimmy Chang	Relative Humidity :	52~54%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

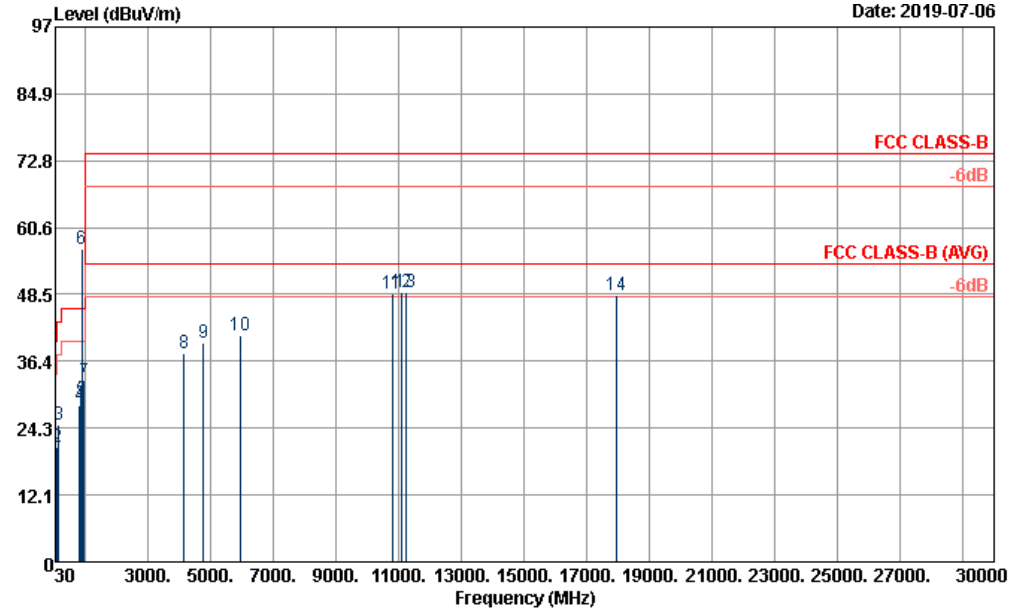


Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	43.69	---	65.06	21.37	N	OFF	19.6
0.168000	---	27.38	55.06	27.68	N	OFF	19.6
0.485250	38.17	---	56.25	18.08	N	OFF	19.6
0.485250	---	32.63	46.25	13.62	N	OFF	19.6
2.699250	34.57	---	56.00	21.43	N	OFF	19.6
2.699250	---	25.74	46.00	20.26	N	OFF	19.6
3.111000	39.46	---	56.00	16.54	N	OFF	19.6
3.111000	---	28.70	46.00	17.30	N	OFF	19.6
3.426000	41.19	---	56.00	14.81	N	OFF	19.6
3.426000	---	31.08	46.00	14.92	N	OFF	19.6
3.687000	40.69	---	56.00	15.31	N	OFF	19.6
3.687000	---	31.51	46.00	14.49	N	OFF	19.6
4.110000	40.62	---	56.00	15.38	N	OFF	19.6
4.110000	---	31.87	46.00	14.13	N	OFF	19.6
10.056750	32.04	---	60.00	27.96	N	OFF	19.7
10.056750	---	26.38	50.00	23.62	N	OFF	19.7
21.381000	22.76	---	60.00	37.24	N	OFF	19.9
21.381000	---	18.39	50.00	31.61	N	OFF	19.9

Appendix B. Radiated Emission Test Result

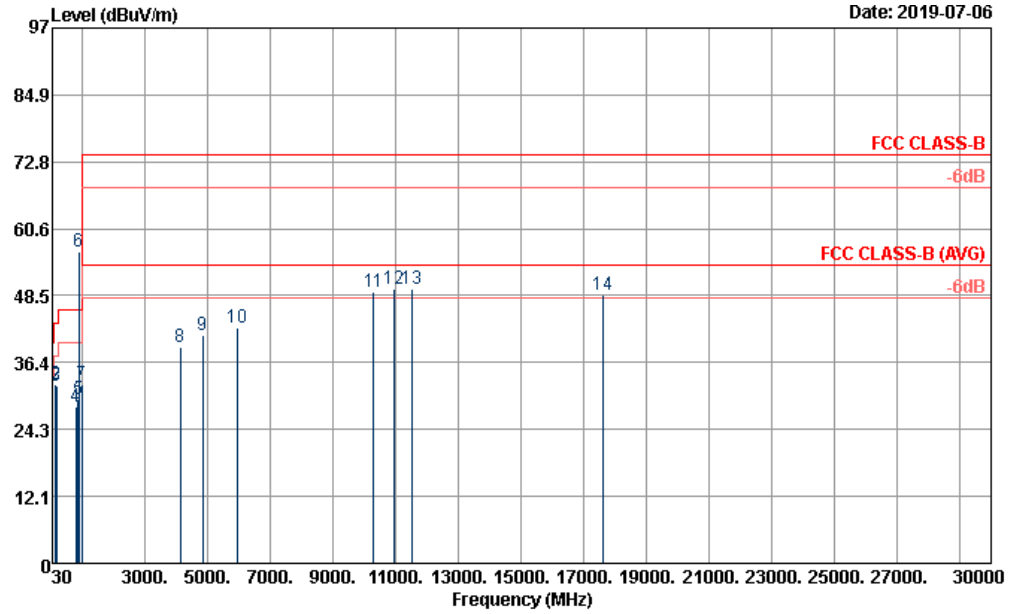
Mode :	Mode 1	**Temperature :**	24~26˚C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	**Relative Humidity :**	48~50%
Test Distance :	3m	**Polarization :**	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		31.08	21.82	-18.18	40.00	28.75	24.09	0.62	31.64	---	---	Peak
2		87.24	20.68	-19.32	40.00	37.11	14.19	1.03	31.65	---	---	Peak
3		145.29	24.95	-18.55	43.50	37.97	17.23	1.36	31.61	---	---	Peak
4		793.50	28.29	-17.71	46.00	28.59	27.97	3.43	31.70	---	---	Peak
5		850.90	29.47	-16.53	46.00	28.59	28.78	3.61	31.51	---	---	Peak
6	*	881.70	56.81			55.65	28.88	3.67	31.39	---	---	Peak
7		953.80	32.66	-13.34	46.00	28.97	30.54	3.98	30.83	100	155	Peak
8		4150.00	37.84	-36.16	74.00	59.56	29.80	9.04	61.26	---	---	Peak
9		4755.00	39.74	-34.26	74.00	57.91	31.00	9.68	59.40	---	---	Peak
10		5930.00	40.96	-33.04	74.00	54.69	32.53	11.14	58.08	---	---	Peak
11		10795.00	48.68	-25.32	74.00	49.08	40.30	15.04	56.94	---	---	Peak
12		11082.00	48.99	-25.01	74.00	48.84	40.17	15.22	56.43	100	67	Peak
13		11250.00	48.80	-25.20	74.00	48.84	39.75	15.32	56.30	---	---	Peak
14		17925.00	48.45	-25.55	74.00	34.37	46.83	22.00	54.75	---	---	Peak

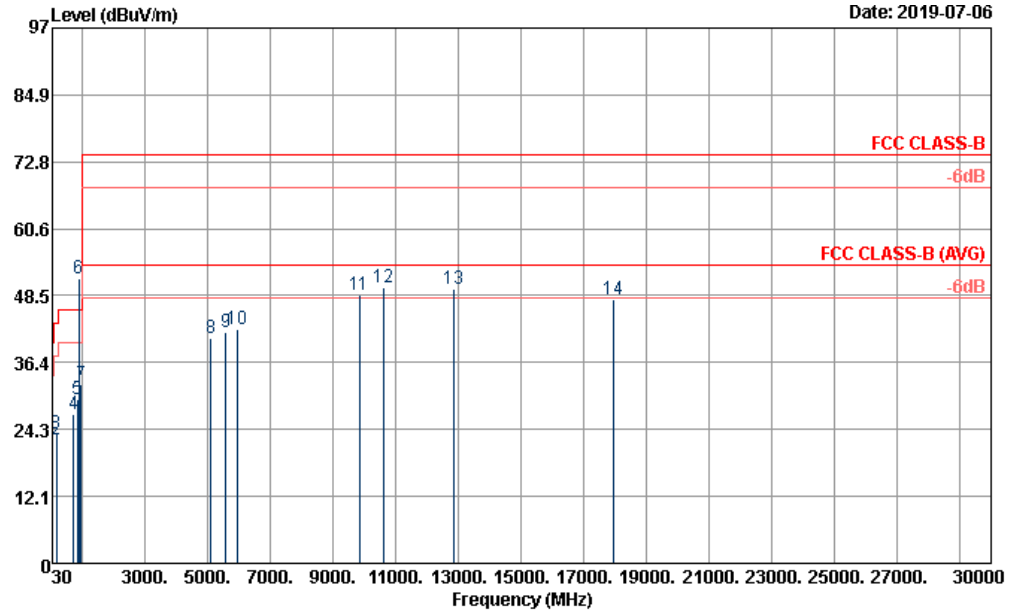
Mode :	Mode 1	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		36.21	31.08	-8.92	40.00	40.58	21.51	0.62	31.63	100	145	Peak
2		136.65	32.29	-11.21	43.50	45.14	17.41	1.36	31.62	---	---	Peak
3		156.09	32.09	-11.41	43.50	45.50	16.76	1.43	31.60	---	---	Peak
4		777.40	28.45	-17.55	46.00	28.78	27.97	3.43	31.73	---	---	Peak
5		852.30	29.59	-16.41	46.00	28.65	28.83	3.61	31.50	---	---	Peak
6	*	881.70	56.52			55.36	28.88	3.67	31.39	---	---	Peak
7		959.40	32.53	-13.47	46.00	28.49	30.85	3.98	30.79	---	---	Peak
8		4125.00	39.14	-34.86	74.00	61.00	29.77	9.01	61.32	---	---	Peak
9		4820.00	41.23	-32.77	74.00	58.94	31.05	9.79	59.09	---	---	Peak
10		5945.00	42.69	-31.31	74.00	56.29	32.60	11.19	58.10	---	---	Peak
11		10277.00	49.25	-24.75	74.00	51.82	39.38	14.70	57.87	---	---	Peak
12		10963.00	49.69	-24.31	74.00	49.44	40.47	15.14	56.56	---	---	Peak
13		11495.00	49.75	-24.25	74.00	49.32	39.88	15.47	56.10	100	167	Peak
14		17590.00	48.63	-25.37	74.00	39.96	42.80	21.48	55.61	---	---	Peak

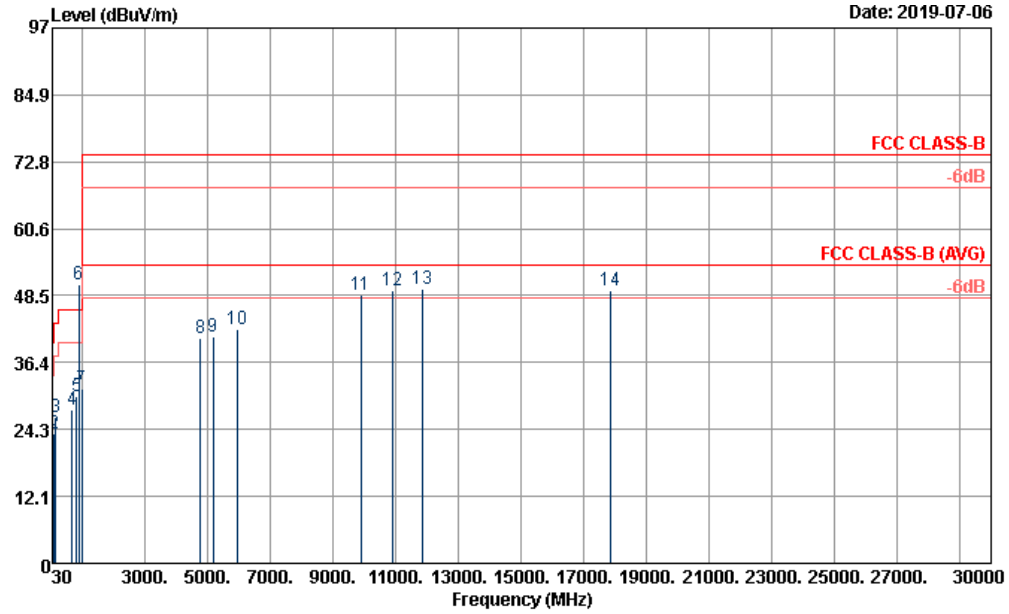
Mode :	Mode 2	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		30.00	20.99	-19.01	40.00	27.41	24.60	0.62	31.64	---	---	Peak
2		151.77	22.41	-21.09	43.50	35.65	16.94	1.43	31.61	---	---	Peak
3		172.56	23.47	-20.03	43.50	38.25	15.38	1.43	31.59	---	---	Peak
4		701.80	27.03	-18.97	46.00	29.33	26.29	3.28	31.87	---	---	Peak
5		818.70	29.76	-16.24	46.00	30.09	27.79	3.50	31.62	---	---	Peak
6	*	881.70	51.49			50.33	28.88	3.67	31.39	---	---	Peak
7		948.90	32.36	-13.64	46.00	29.17	30.28	3.79	30.88	100	225	Peak
8		5095.00	40.82	-33.18	74.00	57.27	31.80	9.43	58.13	---	---	Peak
9		5570.00	41.96	-32.04	74.00	56.01	31.70	11.02	57.42	---	---	Peak
10		5930.00	42.35	-31.65	74.00	56.08	32.53	11.14	58.08	---	---	Peak
11		9843.00	48.57	-25.43	74.00	51.51	39.20	14.75	58.23	---	---	Peak
12		10599.00	49.97	-24.03	74.00	51.23	40.00	14.91	57.38	100	0	Peak
13		12825.00	49.65	-24.35	74.00	51.32	39.13	16.78	58.73	---	---	Peak
14		17930.00	47.95	-26.05	74.00	33.87	46.83	22.00	54.75	---	---	Peak

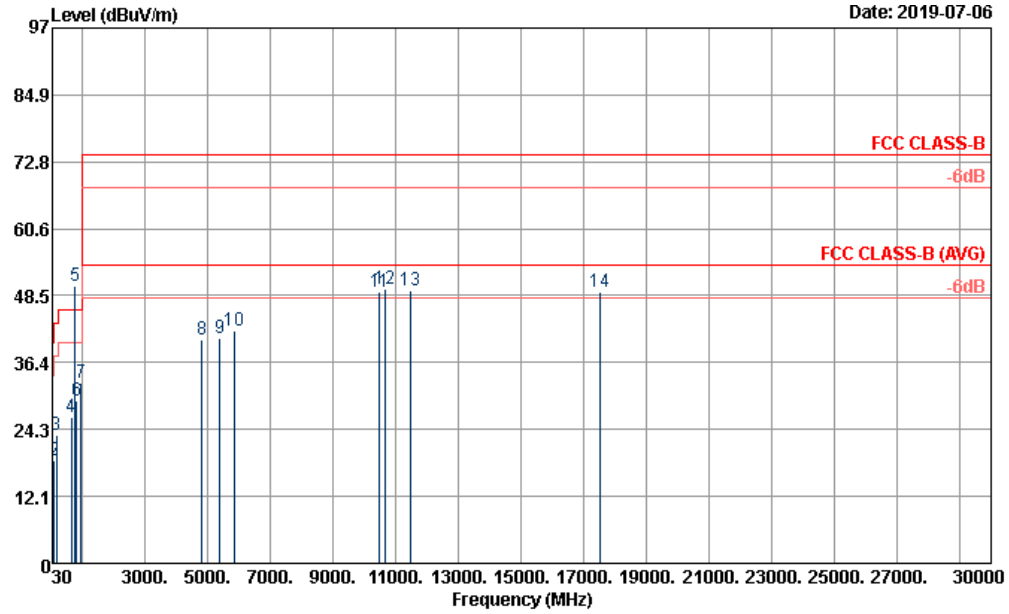
Mode :	Mode 2	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		37.02	23.36	-16.64	40.00	33.40	20.97	0.62	31.63	---	---	Peak
2		81.84	23.38	-16.62	40.00	40.60	13.40	1.03	31.65	---	---	Peak
3		149.07	26.37	-17.13	43.50	39.49	17.06	1.43	31.61	---	---	Peak
4		661.20	27.90	-18.10	46.00	30.50	26.18	3.07	31.85	---	---	Peak
5		801.90	30.35	-15.65	46.00	30.59	27.94	3.50	31.68	---	---	Peak
6	*	881.70	50.66			49.50	28.88	3.67	31.39	---	---	Peak
7		959.40	31.62	-14.38	46.00	27.58	30.85	3.98	30.79	100	166	Peak
8		4750.00	40.68	-33.32	74.00	58.85	31.00	9.68	59.40	---	---	Peak
9		5155.00	40.94	-33.06	74.00	56.80	31.80	9.78	57.99	---	---	Peak
10		5930.00	42.36	-31.64	74.00	56.09	32.53	11.14	58.08	---	---	Peak
11		9878.00	48.68	-25.32	74.00	51.64	39.23	14.71	58.22	---	---	Peak
12		10879.00	49.47	-24.53	74.00	49.55	40.38	15.09	56.75	---	---	Peak
13		11866.00	49.58	-24.42	74.00	50.71	38.73	15.73	56.75	100	0	Peak
14		17850.00	49.55	-24.45	74.00	37.28	45.35	21.88	54.96	---	---	Peak

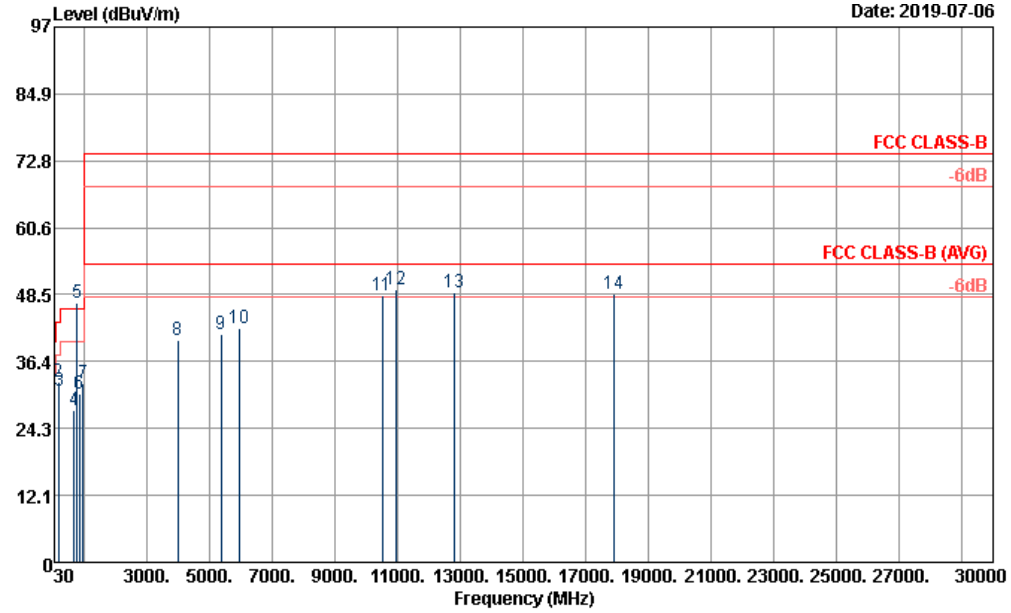
Mode :	Mode 3	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		30.54	21.67	-18.33	40.00	28.60	24.09	0.62	31.64	---	---	Peak
2		86.97	18.55	-21.45	40.00	34.98	14.19	1.03	31.65	---	---	Peak
3		152.04	23.22	-20.28	43.50	36.46	16.94	1.43	31.61	---	---	Peak
4		640.20	26.35	-19.65	46.00	28.93	26.23	3.04	31.85	---	---	Peak
5	*	750.80	50.26			50.91	27.76	3.37	31.78	---	---	Peak
6		799.10	29.43	-16.57	46.00	29.66	27.96	3.50	31.69	---	---	Peak
7		956.60	32.72	-13.28	46.00	28.86	30.69	3.98	30.81	100	69	Peak
8		4795.00	40.52	-33.48	74.00	58.47	31.00	9.73	59.22	---	---	Peak
9		5370.00	40.90	-33.10	74.00	55.84	31.30	10.49	57.56	---	---	Peak
10		5845.00	42.14	-31.86	74.00	56.14	32.30	11.02	57.92	---	---	Peak
11		10466.00	49.22	-24.78	74.00	50.84	40.00	14.82	57.65	---	---	Peak
12		10662.00	49.66	-24.34	74.00	50.81	39.95	14.94	57.25	100	46	Peak
13		11460.00	49.52	-24.48	74.00	49.16	39.85	15.46	56.13	---	---	Peak
14		17540.00	49.14	-24.86	74.00	41.03	42.44	21.40	55.73	---	---	Peak

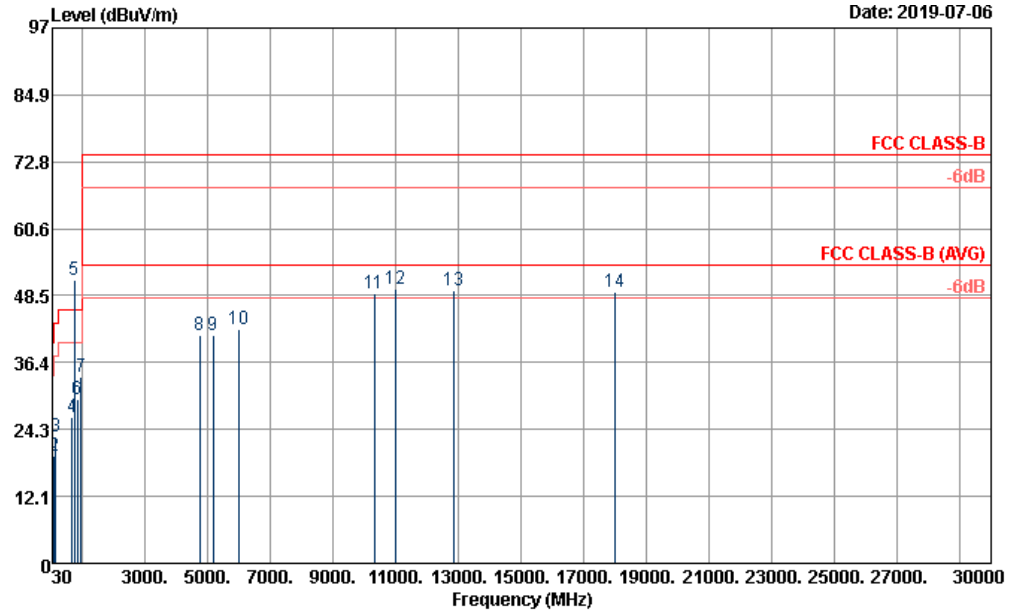
Mode :	Mode 3	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		47.55	28.62	-11.38	40.00	43.92	15.48	0.84	31.62	---	---	Peak
2		149.61	32.59	-10.91	43.50	45.71	17.06	1.43	31.61	100	23	Peak
3		181.47	31.11	-12.39	43.50	46.19	14.96	1.54	31.58	---	---	Peak
4		661.20	27.67	-18.33	46.00	30.27	26.18	3.07	31.85	---	---	Peak
5	*	750.80	47.14			47.79	27.76	3.37	31.78	---	---	Peak
6		831.30	30.56	-15.44	46.00	30.39	28.20	3.55	31.58	---	---	Peak
7		946.10	32.48	-13.52	46.00	29.47	30.13	3.79	30.91	---	---	Peak
8		3975.00	40.18	-33.82	74.00	62.79	29.60	8.80	61.60	---	---	Peak
9		5355.00	41.22	-32.78	74.00	56.36	31.20	10.44	57.59	---	---	Peak
10		5930.00	42.29	-31.71	74.00	56.02	32.53	11.14	58.08	---	---	Peak
11		10494.00	48.44	-25.56	74.00	50.01	40.00	14.84	57.62	---	---	Peak
12		10956.00	49.50	-24.50	74.00	49.28	40.47	15.14	56.59	100	161	Peak
13		12790.00	48.98	-25.02	74.00	50.70	39.10	16.72	58.69	---	---	Peak
14		17900.00	48.64	-25.36	74.00	35.32	46.20	21.96	54.84	---	---	Peak

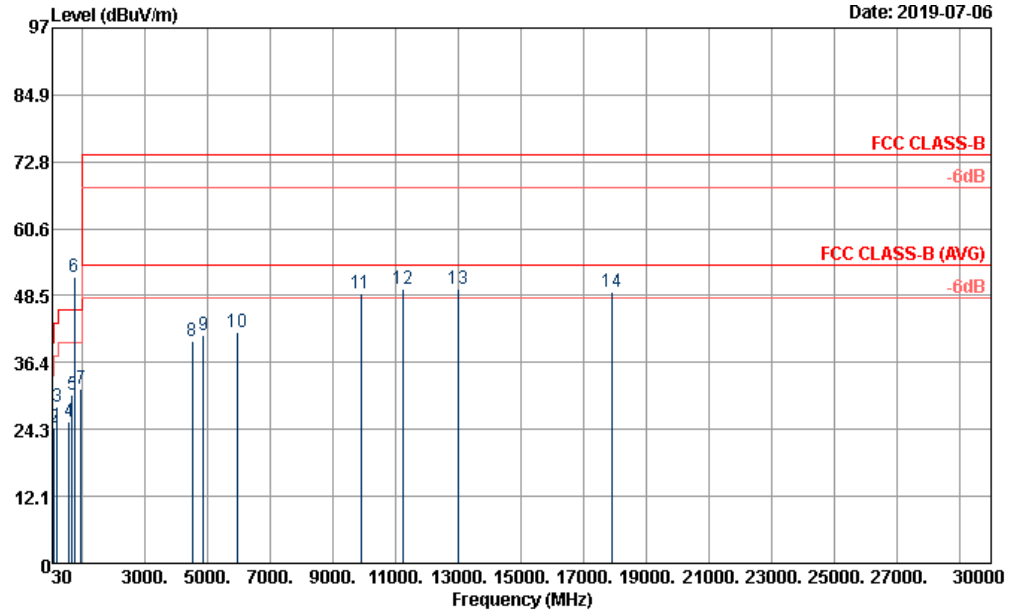
Mode :	Mode 4	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#5 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		32.70	21.10	-18.90	40.00	29.04	23.08	0.62	31.64	---	---	Peak
2		82.11	19.48	-20.52	40.00	36.58	13.52	1.03	31.65	---	---	Peak
3		147.18	23.07	-20.43	43.50	36.10	17.15	1.43	31.61	---	---	Peak
4		659.10	26.35	-19.65	46.00	28.96	26.17	3.07	31.85	---	---	Peak
5	*	740.30	51.42			52.22	27.68	3.32	31.80	---	---	Peak
6		839.70	29.75	-16.25	46.00	29.24	28.51	3.55	31.55	---	---	Peak
7		958.70	33.89	-12.11	46.00	29.90	30.80	3.98	30.79	100	149	Peak
8		4730.00	41.22	-32.78	74.00	59.57	31.00	9.62	59.52	---	---	Peak
9		5175.00	41.33	-32.67	74.00	57.22	31.53	9.95	57.96	---	---	Peak
10		5965.00	42.34	-31.66	74.00	55.96	32.57	11.23	58.15	---	---	Peak
11		10319.00	49.03	-24.97	74.00	51.41	39.50	14.72	57.82	---	---	Peak
12		10984.00	49.77	-24.23	74.00	49.46	40.48	15.16	56.53	100	58	Peak
13		12839.00	49.57	-24.43	74.00	51.26	39.13	16.78	58.75	---	---	Peak
14		17975.00	49.18	-24.82	74.00	33.94	47.78	22.08	54.62	---	---	Peak

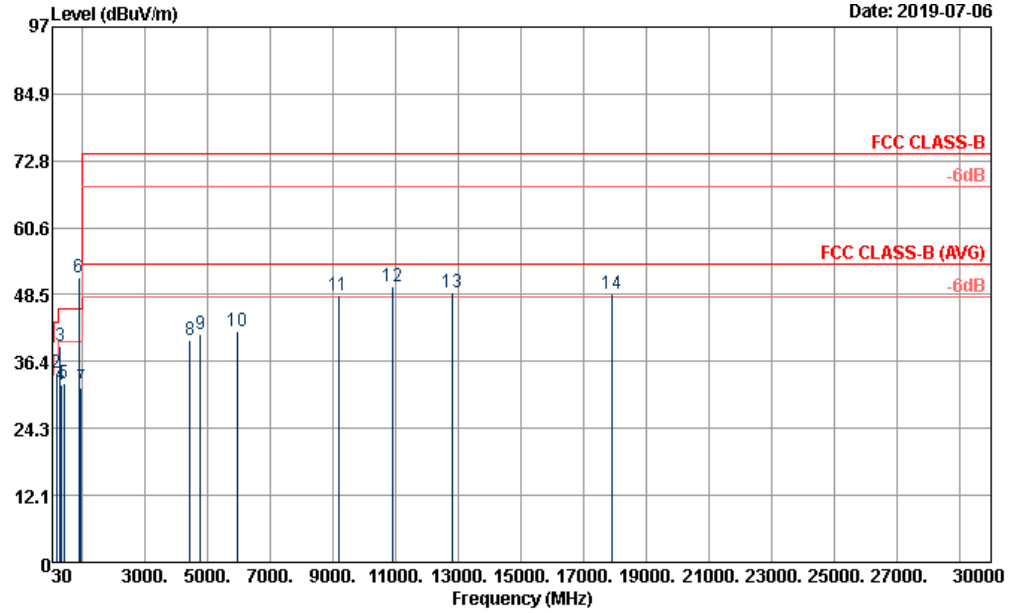
Mode :	Mode 4	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		42.15	26.05	-13.95	40.00	39.30	17.76	0.62	31.63	100	195	Peak
2		81.30	24.68	-15.32	40.00	41.89	13.40	1.03	31.64	---	---	Peak
3		175.80	28.44	-15.06	43.50	43.26	15.22	1.54	31.58	---	---	Peak
4		576.50	25.69	-20.31	46.00	29.12	25.49	2.91	31.83	---	---	Peak
5		652.80	30.60	-15.40	46.00	33.19	26.19	3.07	31.85	---	---	Peak
6	*	740.30	51.76			52.56	27.68	3.32	31.80	---	---	Peak
7		951.70	31.62	-14.38	46.00	28.24	30.44	3.79	30.85	---	---	Peak
8		4505.00	40.38	-33.62	74.00	60.37	30.50	9.46	60.50	---	---	Peak
9		4860.00	41.32	-32.68	74.00	59.15	31.13	9.49	58.91	---	---	Peak
10		5930.00	41.80	-32.20	74.00	55.53	32.53	11.14	58.08	---	---	Peak
11		9892.00	48.92	-25.08	74.00	51.88	39.27	14.68	58.22	---	---	Peak
12		11236.00	49.68	-24.32	74.00	49.72	39.77	15.31	56.31	---	---	Peak
13		12993.00	49.84	-24.16	74.00	51.43	39.20	16.96	58.90	100	167	Peak
14		17890.00	49.10	-24.90	74.00	35.78	46.20	21.96	54.84	---	---	Peak

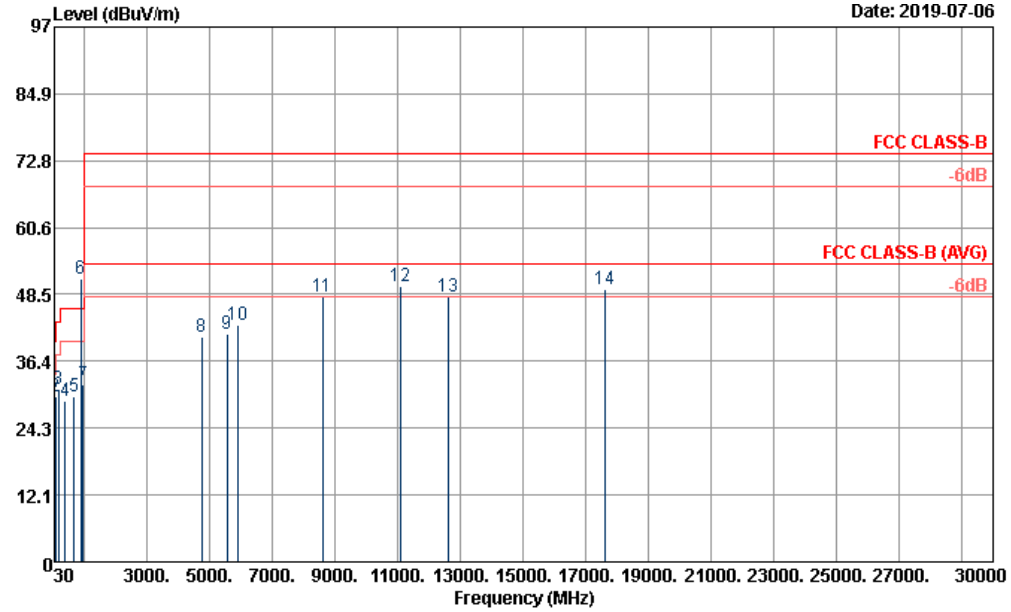
Mode :	Mode 5	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		37.83	24.03	-15.97	40.00	34.62	20.42	0.62	31.63	---	---	Peak
2		163.11	34.34	-9.16	43.50	48.25	16.26	1.43	31.60	---	---	Peak
3		278.94	39.14	-6.86	46.00	49.86	18.78	2.04	31.54	100	144	Peak
4		300.00	32.08	-13.92	46.00	42.42	19.16	2.04	31.54	---	---	Peak
5		400.80	32.50	-13.50	46.00	40.07	21.71	2.39	31.67	---	---	Peak
6	*	869.10	51.73			50.59	28.97	3.61	31.44	---	---	Peak
7		958.70	31.57	-14.43	46.00	27.58	30.80	3.98	30.79	---	---	Peak
8		4435.00	40.28	-33.72	74.00	60.41	30.47	9.51	60.65	---	---	Peak
9		4765.00	41.42	-32.58	74.00	59.53	31.00	9.68	59.34	---	---	Peak
10		5960.00	41.78	-32.22	74.00	55.43	32.57	11.19	58.12	---	---	Peak
11		9171.00	48.45	-25.55	74.00	52.60	38.43	13.93	58.04	---	---	Peak
12		10879.00	49.94	-24.06	74.00	50.02	40.38	15.09	56.75	100	0	Peak
13		12818.00	48.81	-25.19	74.00	50.51	39.12	16.75	58.72	---	---	Peak
14		17890.00	48.69	-25.31	74.00	35.37	46.20	21.96	54.84	---	---	Peak

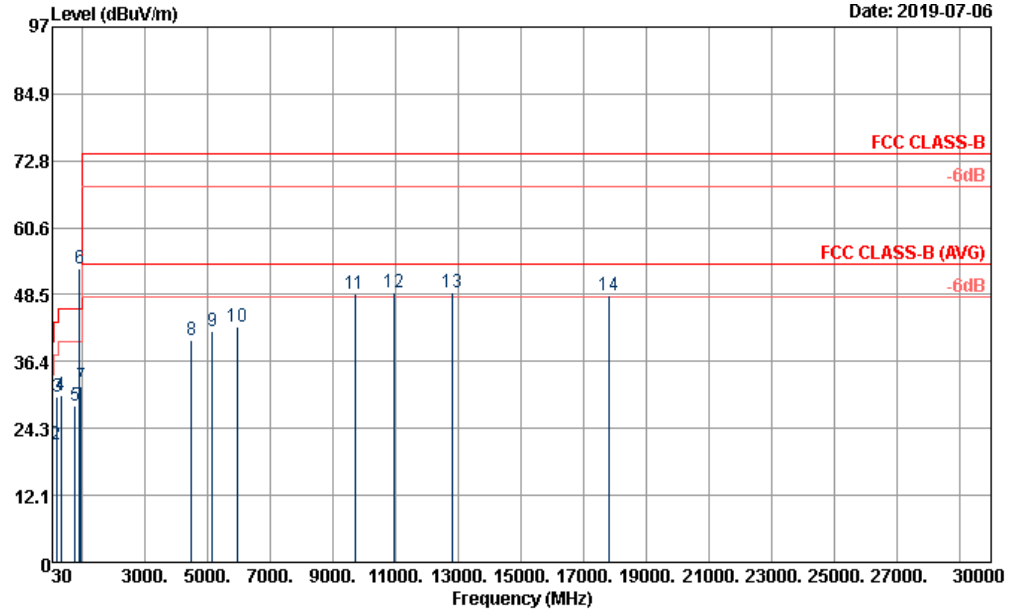
Mode :	Mode 5	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		37.56	31.71	-8.29	40.00	42.30	20.42	0.62	31.63	100	28	Peak
2		58.08	29.91	-10.09	40.00	48.65	12.05	0.84	31.63	---	---	Peak
3		163.11	31.22	-12.28	43.50	45.13	16.26	1.43	31.60	---	---	Peak
4		370.00	29.31	-16.69	46.00	37.84	20.80	2.30	31.63	---	---	Peak
5		661.20	29.95	-16.05	46.00	32.55	26.18	3.07	31.85	---	---	Peak
6	*	869.10	51.20			50.06	28.97	3.61	31.44	---	---	Peak
7		955.20	32.22	-13.78	46.00	28.42	30.64	3.98	30.82	---	---	Peak
8		4740.00	40.68	-33.32	74.00	58.97	31.00	9.62	59.46	---	---	Peak
9		5540.00	41.25	-32.75	74.00	55.31	31.70	10.94	57.38	---	---	Peak
10		5890.00	42.94	-31.06	74.00	56.79	32.40	11.10	58.00	---	---	Peak
11		8583.00	48.11	-25.89	74.00	53.08	37.27	13.90	57.40	---	---	Peak
12		11103.00	49.93	-24.07	74.00	49.83	40.10	15.22	56.41	100	0	Peak
13		12629.00	48.11	-25.89	74.00	50.33	38.63	16.54	58.54	---	---	Peak
14		17590.00	49.43	-24.57	74.00	40.76	42.80	21.48	55.61	---	---	Peak

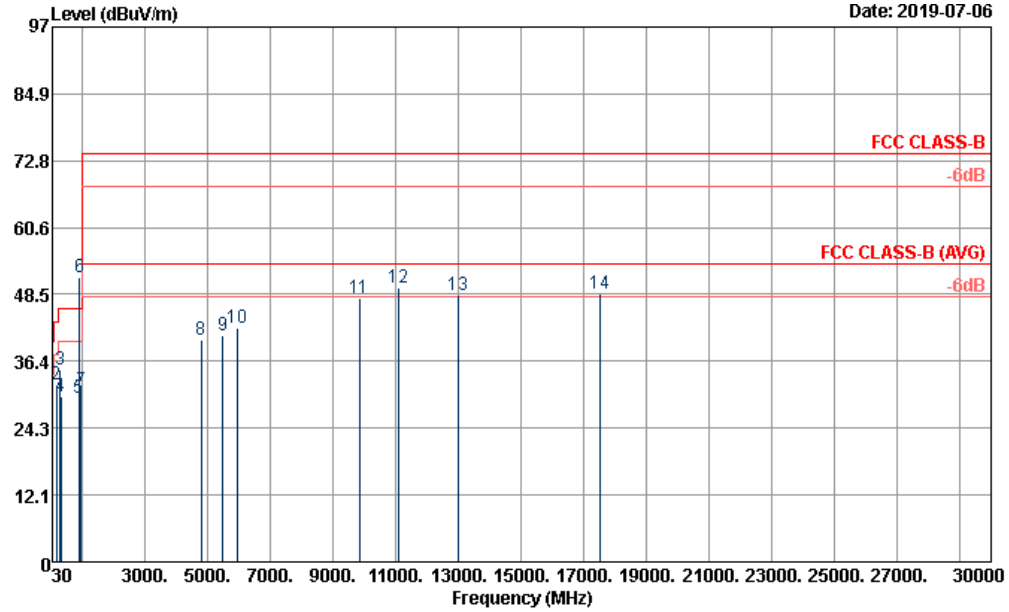
Mode :	Mode 6	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		30.00	30.01	-9.99	40.00	36.43	24.60	0.62	31.64	100	160	Peak
2		155.82	21.43	-22.07	43.50	34.84	16.76	1.43	31.60	---	---	Peak
3		180.93	30.12	-13.38	43.50	45.20	14.96	1.54	31.58	---	---	Peak
4		314.00	30.18	-15.82	46.00	40.28	19.34	2.12	31.56	---	---	Peak
5		763.40	28.47	-17.53	46.00	29.00	27.86	3.37	31.76	---	---	Peak
6	*	893.60	53.11			52.01	28.78	3.67	31.35	---	---	Peak
7		958.00	32.00	-14.00	46.00	28.02	30.80	3.98	30.80	---	---	Peak
8		4475.00	40.23	-33.77	74.00	60.26	30.50	9.49	60.56	---	---	Peak
9		5135.00	41.79	-32.21	74.00	57.70	31.80	9.78	58.04	---	---	Peak
10		5930.00	42.58	-31.42	74.00	56.31	32.53	11.14	58.08	---	---	Peak
11		9689.00	48.77	-25.23	74.00	52.36	38.87	14.50	58.26	---	---	Peak
12		10963.00	49.01	-24.99	74.00	48.76	40.47	15.14	56.56	100	59	Peak
13		12797.00	48.93	-25.07	74.00	50.64	39.10	16.75	58.71	---	---	Peak
14		17790.00	48.39	-25.61	74.00	37.18	44.50	21.80	55.09	---	---	Peak

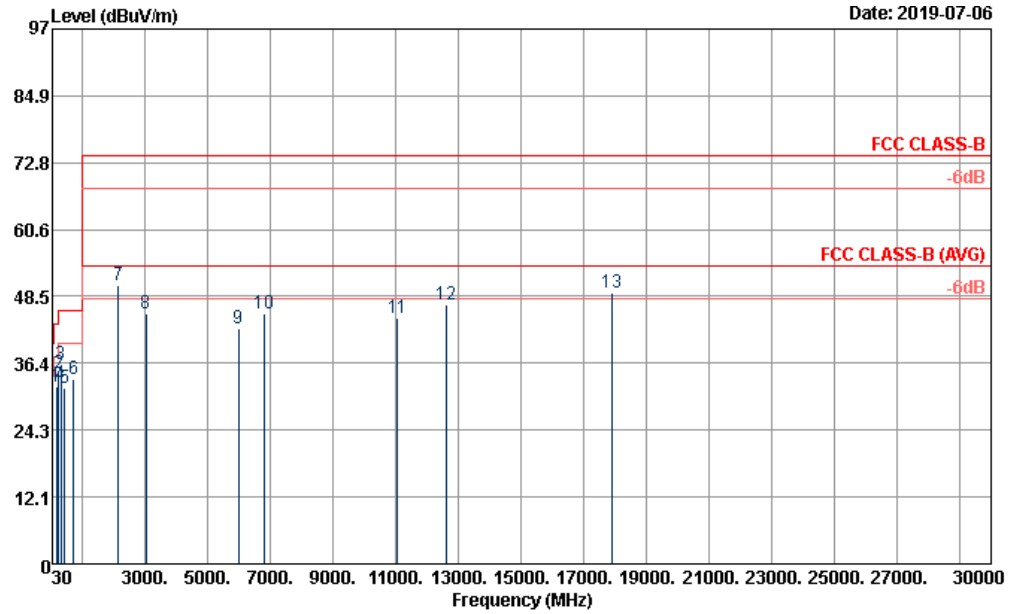
Mode :	Mode 6	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical
Remark :	#6 is system simulator signal which can be ignored.		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	!	30.00	34.58	-5.42	40.00	41.00	24.60	0.62	31.64	100	344	QP
2		156.63	32.02	-11.48	43.50	45.48	16.71	1.43	31.60	---	---	Peak
3		281.10	34.74	-11.26	46.00	45.48	18.76	2.04	31.54	---	---	Peak
4		301.40	30.08	-15.92	46.00	40.40	19.18	2.04	31.54	---	---	Peak
5		871.20	29.66	-16.34	46.00	28.52	28.96	3.61	31.43	---	---	Peak
6	*	893.60	51.68			50.58	28.78	3.67	31.35	---	---	Peak
7		953.80	31.03	-14.97	46.00	27.34	30.54	3.98	30.83	---	---	Peak
8		4790.00	40.27	-33.73	74.00	58.22	31.00	9.73	59.22	---	---	Peak
9		5480.00	41.04	-32.96	74.00	55.17	31.67	10.78	57.33	---	---	Peak
10		5940.00	42.35	-31.65	74.00	55.95	32.60	11.19	58.10	---	---	Peak
11		9822.00	47.78	-26.22	74.00	50.67	39.20	14.79	58.24	---	---	Peak
12		11068.00	49.60	-24.40	74.00	49.41	40.23	15.21	56.44	100	155	Peak
13		13000.00	48.34	-25.66	74.00	49.93	39.20	16.96	58.90	---	---	Peak
14		17530.00	48.63	-25.37	74.00	40.69	42.32	21.40	55.78	---	---	Peak

Mode :	Mode 7	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Horizontal

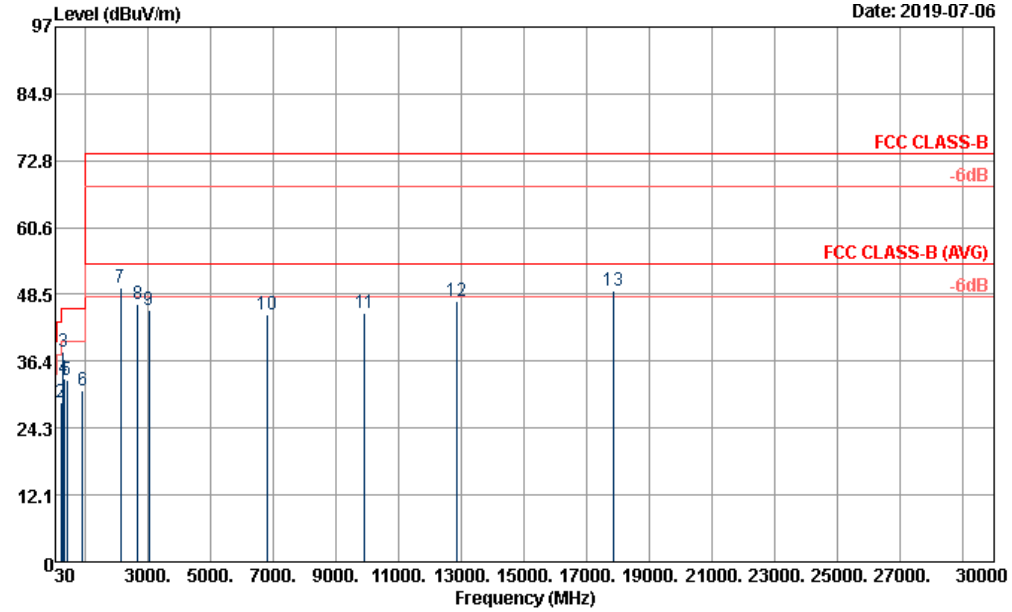


Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 HORIZONTAL

: SD to NB

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	157.98	32.14	-11.36	43.50	45.41	16.90	1.43	31.60	---	---	Peak
2	224.40	34.53	-11.47	46.00	47.95	16.52	1.62	31.56	---	---	Peak
3	296.49	36.12	-9.88	46.00	46.18	19.44	2.04	31.54	100	0	Peak
4	300.70	32.51	-13.49	46.00	42.51	19.50	2.04	31.54	---	---	Peak
5	413.40	31.89	-14.11	46.00	38.46	22.66	2.46	31.69	---	---	Peak
6	712.30	33.43	-12.57	46.00	35.46	26.54	3.28	31.85	---	---	Peak
7	2130.00	50.47	-23.53	74.00	76.36	27.40	6.11	59.40	100	0	Peak
8	3015.00	45.52	-28.48	74.00	69.12	28.53	7.24	59.37	---	---	Peak
9	5970.00	42.68	-31.32	74.00	54.84	32.57	11.23	55.96	---	---	Peak
10	6791.00	45.28	-28.72	74.00	54.43	34.40	13.84	57.39	---	---	Peak
11	11047.00	44.53	-29.47	74.00	47.27	40.30	15.19	58.23	---	---	Peak
12	12608.00	46.95	-27.05	74.00	49.19	38.62	16.51	57.37	---	---	Peak
13	17890.00	49.28	-24.72	74.00	35.96	46.20	21.96	54.84	---	---	Peak

Mode :	Mode 7	Temperature :	24~26°C
Test Engineer :	Brad Liu, Yuan Lee, Eric Jeng, Nick Yu	Relative Humidity :	48~50%
Test Distance :	3m	Polarization :	Vertical



Site : 03CH06-HY
Condition : FCC CLASS-B 3m 9120D_1156_180824 VERTICAL

: SD to NB

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	31.35	26.11	-13.89	40.00	31.83	25.30	0.62	31.64	---	---	Peak
2	198.21	28.97	-14.53	43.50	43.29	15.70	1.54	31.56	---	---	Peak
3	277.86	37.99	-8.01	46.00	48.33	19.16	2.04	31.54	100	0	Peak
4	302.80	33.27	-12.73	46.00	43.19	19.50	2.12	31.54	---	---	Peak
5	401.50	32.97	-13.03	46.00	39.98	22.27	2.39	31.67	---	---	Peak
6	899.90	31.12	-14.88	46.00	30.18	28.60	3.67	31.33	---	---	Peak
7	2125.00	49.83	-24.17	74.00	75.72	27.40	6.11	59.40	100	22	Peak
8	2660.00	46.63	-27.37	74.00	71.43	27.83	6.76	59.39	---	---	Peak
9	3010.00	45.53	-28.47	74.00	69.15	28.50	7.24	59.36	---	---	Peak
10	6777.00	44.78	-29.22	74.00	53.87	34.40	13.84	57.33	---	---	Peak
11	9899.00	44.99	-29.01	74.00	50.84	39.27	14.68	59.80	---	---	Peak
12	12832.00	47.18	-26.82	74.00	49.07	39.13	16.78	57.80	---	---	Peak
13	17830.00	49.24	-24.76	74.00	37.34	45.07	21.84	55.01	---	---	Peak

———THE END———