

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
47 CFR FCC Part 15, Subpart E (Section 15.407)

Report No.: RFBBUI-WTW-P25050503-10

FCC ID: TX2-RTL8922DE

Product: 11be RTL8922DE Combo module

Brand: REALTEK

Model No.: RTL8922DE

Received Date: 2025/5/23

Test Date: 2026/5/14 ~ 2026/7/13

Issued Date: 2026/7/15

Applicant: Realtek Semiconductor Corp.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

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Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

FCC Registration / 723255 / TW2022

Designation Number:

Approved by:  , **Date:** 2026/7/15
Wen Yu / Assistant Manager

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Prepared by: Vito Lung / Specialist



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Table of Contents

Release Control Record	3
1 Certificate.....	4
2 Summary of Test Results	5
2.1 Measurement Uncertainty	5
2.2 Supplementary Information	5
3 General Information	6
3.1 General Description of EUT	6
3.2 Antenna Description of EUT	7
3.3 Test Mode Applicability and Tested Channel Detail.....	8
3.4 Test Program Used and Operation Descriptions	10
3.5 Connection Diagram of EUT and Peripheral Devices	10
3.6 Configuration of Peripheral Devices and Cable Connections	12
4 Test Instruments	13
4.1 Unwanted Emissions below 1 GHz	13
4.2 Unwanted Emissions above 1 GHz.....	14
4.3 Conducted Out of Band Emissions	14
5 Limits of Test Items.....	15
5.1 Unwanted Emissions below 1 GHz	15
5.2 Unwanted Emissions above 1 GHz.....	16
5.3 Conducted Out of Band Emissions	17
6 Test Arrangements.....	18
6.1 Unwanted Emissions below 1 GHz	18
6.1.1 Test Setup	18
6.1.2 Test Procedure	19
6.2 Unwanted Emissions above 1 GHz.....	20
6.2.1 Test Setup	20
6.2.2 Test Procedure	20
6.3 Conducted Out of Band Emissions	21
6.3.1 Test Setup	21
6.3.2 Test Procedure	21
7 Test Results of Test Item	22
7.1 Unwanted Emissions below 1 GHz	22
7.2 Unwanted Emissions above 1 GHz.....	82
7.3 Conducted Out of Band Emissions	172
8 Pictures of Test Arrangements	175
9 Information of the Testing Laboratories	176

Release Control Record

Issue No.	Description	Date Issued
RFBBUI-WTW-P25050503-10	Original release.	2026/7/15

1 Certificate

Product: 11be RTL8922DE Combo module

Brand: REALTEK

Test Model: RTL8922DE

Sample Status: Engineering sample

Applicant: Realtek Semiconductor Corp.

Test Date: 2026/5/14 ~ 2026/7/13

Standard: 47 CFR FCC Part 15, Subpart C (Section 15.247)
47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement procedure: ANSI C63.10-2020

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
15.205 /15.209 15.247(d) 15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Meet the requirement of limit.
15.205 /15.209 15.247(d) 15.407(b) (1/2/3/4(i)/10) 15.407(b)(5) 15.407(b)(6)	Unwanted Emissions above 1 GHz	Pass	Meet the requirement of limit.
15.247(d)	Conducted Out of Band Emissions	Pass	Meet the requirement of limit.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.4 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	5.0 dB
	18 GHz ~ 40 GHz	5.3 dB
Conducted Out of Band Emissions	9 kHz ~ 40 GHz	2.6 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	11be RTL8922DE Combo module
Brand	REALTEK
Test Model	RTL8922DE
Modulation Technology	WLAN: DSSS, OFDM, OFDMA BT-EDR / FHSS 2.4G: FHSS BT-LE: DTS
Operating Frequency	WLAN: 2.4GHz: 2.412 ~ 2.472 GHz 5GHz: 5.18 GHz ~ 5.25 GHz, 5.25 GHz ~ 5.32 GHz, 5.5 GHz ~ 5.72 GHz 5.745 GHz ~ 5.825 GHz 5.9GHz: 5.815 GHz ~ 5.885 GHz 6GHz (6CD/6VL): 5.955 GHz ~ 6.415 GHz 6.435 GHz ~ 6.525 GHz 6.535 GHz ~ 6.865 GHz 6.875 GHz ~ 7.115 GHz BT-EDR/BT-LE: 2.402 GHz ~ 2.48 GHz FHSS 2.4G: 2.404 GHz ~ 2.478 GHz

Note:

1. The EUT has two SKUs, please following table:

SKU No.	Components
1	With Flash
2	Without Flash

2. There are Bluetooth and WLAN (2.4 GHz & 5 GHz & 6 GHz) technology used for the EUT.

3. Simultaneously transmission combination.

1Tx		
Combination	Technology	
	S0 (Chain 1)	S1 (Chain 0)
1	WLAN (5 GHz)_H	Bluetooth + WLAN (5 GHz)_L
2	WLAN (6 GHz)	Bluetooth + WLAN (5 GHz)_H
3	WLAN (5 GHz)_H	Bluetooth + WLAN (6 GHz)
4	WLAN (2.4 GHz)	WLAN (5 GHz)_Full
5	WLAN (2.4 GHz)	WLAN (6 GHz)
6	WLAN (5 GHz)_Full	Bluetooth
7	WLAN (6 GHz)	Bluetooth
2Tx		
1	WLAN (5 GHz)_H + Bluetooth	WLAN (5 GHz)_H + Bluetooth
2	WLAN (5 GHz)_H	WLAN (5 GHz)_H + Bluetooth
3	WLAN (6 GHz) + Bluetooth	WLAN (6 GHz) + Bluetooth

Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.

4. The EUT support OFDMA and Partial RU mode, therefore partial RU combination were investigated and the worst case scenario was identified.

5. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Set	RF Chain NO.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
1	Chain0/1	REALTEK	RTK-ANT-0022	3.4	2.4~2.4835	PIFA	IPEX, MHF4	300
				5	5.15~5.895			
				5	5.925~7.125			
2	Chain0/1	HongBo	260-25096	3.11	2.4~2.4835	Monopole	MHF4L	300
				4.91	5.15~5.895			
				4.73	5.925~7.125			
3	Chain0/1	ARISTOTLE	RFA-27-C38H1-MHF4300	3	2.4~2.4835	Dipole	IPEX, MHF4	300
				5	5.15~5.895			
				5	5.925~7.125			

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The EUT includes two HW SKU: SKU No.1(with flash), SKU No.2(w/o flash). Pre-scan in these SKUs and find the worst case case as a test condition. 2. The PIFA/ monopole / dipole antenna can be used in the following ways: X / Y / Z axis. Pre-scan in these ways and find the worst case as a representative test condition. 3. For Partial RU and Multi-RU modes across all supported bandwidths, a pre-scan shall be conducted to identify the worst-case condition and utilize it as the representative test mode 4. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.
Worst Case:	1. The EUT worst case of SKU: SKU NO.1 2. The antenna sets of the worst case was found when positioned on (X / Y / Z axis) ➤ PIFA antenna: Y axis ➤ Monopole antenna: X axis ➤ Dipole antenna: Y axis

Following channel(s) was (were) selected for the final test as listed below:

Test Item	EUT Configure Mode	Combination	Mode	Tested Channel
Unwanted Emissions below 1 GHz	A, B, C	1	802.11be (EHT20)	165
			BT-LE 125k	19
			802.11a	60
		2	802.11be (EHT160)	79
			BT-LE 125k	19
			802.11be (EHT20)	165
		3	BT-LE 125k	19
			802.11be (EHT160)	79
			802.11b	6
		4	802.11be (EHT20)	165
			802.11b	6
			802.11be (EHT160)	79
		5	802.11be (EHT20)	165
			BT-LE 125k	19
			802.11be (EHT160)	79
		6	802.11be (EHT20)	165
			BT-LE 125k	19
			802.11be (EHT160)	79
		7	BT-LE 125k	19
			802.11be (EHT20)	157
			BT-LE 2M	19
		8	802.11be (EHT20)	157
			BT-LE 125k	19
			802.11be (EHT20)	49
			BT-LE 2M	19

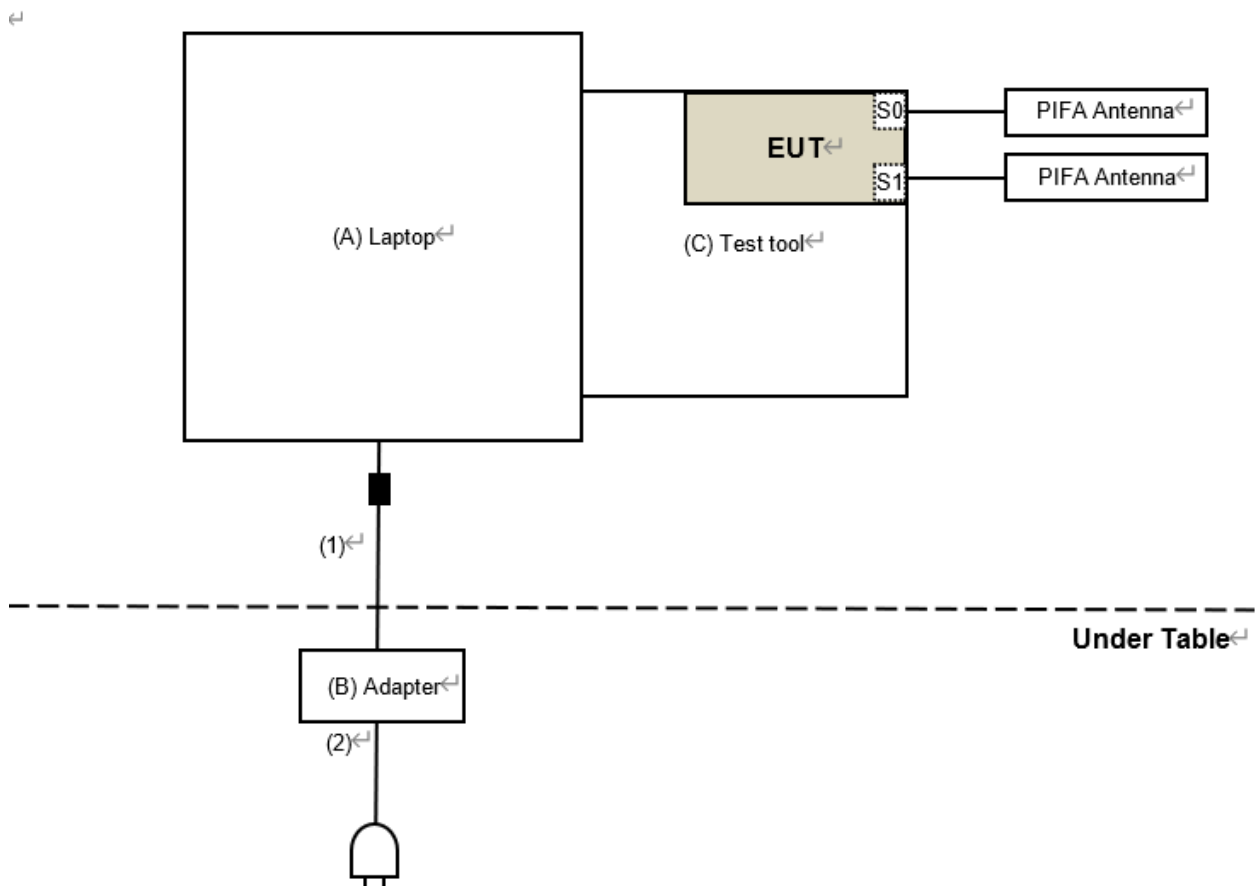
Test Item	EUT Configure Mode	Combination	Mode	Tested Channel
Unwanted Emissions above 1 GHz	A, B, C	1	802.11be (EHT20)	165
			BT-LE 125k	19
			802.11a	60
		2	802.11be (EHT160)	79
			BT-LE 125k	19
			802.11be (EHT20)	165
		3	BT-LE 125k	19
			802.11be (EHT160)	79
			802.11b	6
		4	802.11be (EHT20)	165
			802.11b	6
		5	802.11be (EHT160)	79
			802.11be (EHT20)	165
		6	BT-LE 125k	19
			802.11be (EHT160)	79
		7	802.11be (EHT20)	157
			BT-LE 2M	19
		8	802.11be (EHT20)	157
			BT-LE 125k	19
		9	802.11be (EHT20)	49
			BT-LE 2M	19
Conducted Out of Band Emissions	-	1	802.11be (EHT20)	165
			BT-LE 125k	19
			802.11a	60
		2	802.11be (EHT160)	79
			BT-LE 125k	19
			802.11be (EHT20)	165
		3	BT-LE 125k	19
			802.11be (EHT160)	79
			802.11be (EHT20)	157
		8	BT-LE 2M	19
			802.11be (EHT20)	157
		9	BT-LE 125k	19
			802.11be (EHT20)	49
EUT Configure Mode:	A	PIFA antenna (Model: RTK-ANT-0022)		
	B	Monopole antenna (Model: 260-25096)		
	C	Dipole antenna (Model: RFA-27-C38H1-MHF4300)		

3.4 Test Program Used and Operation Descriptions

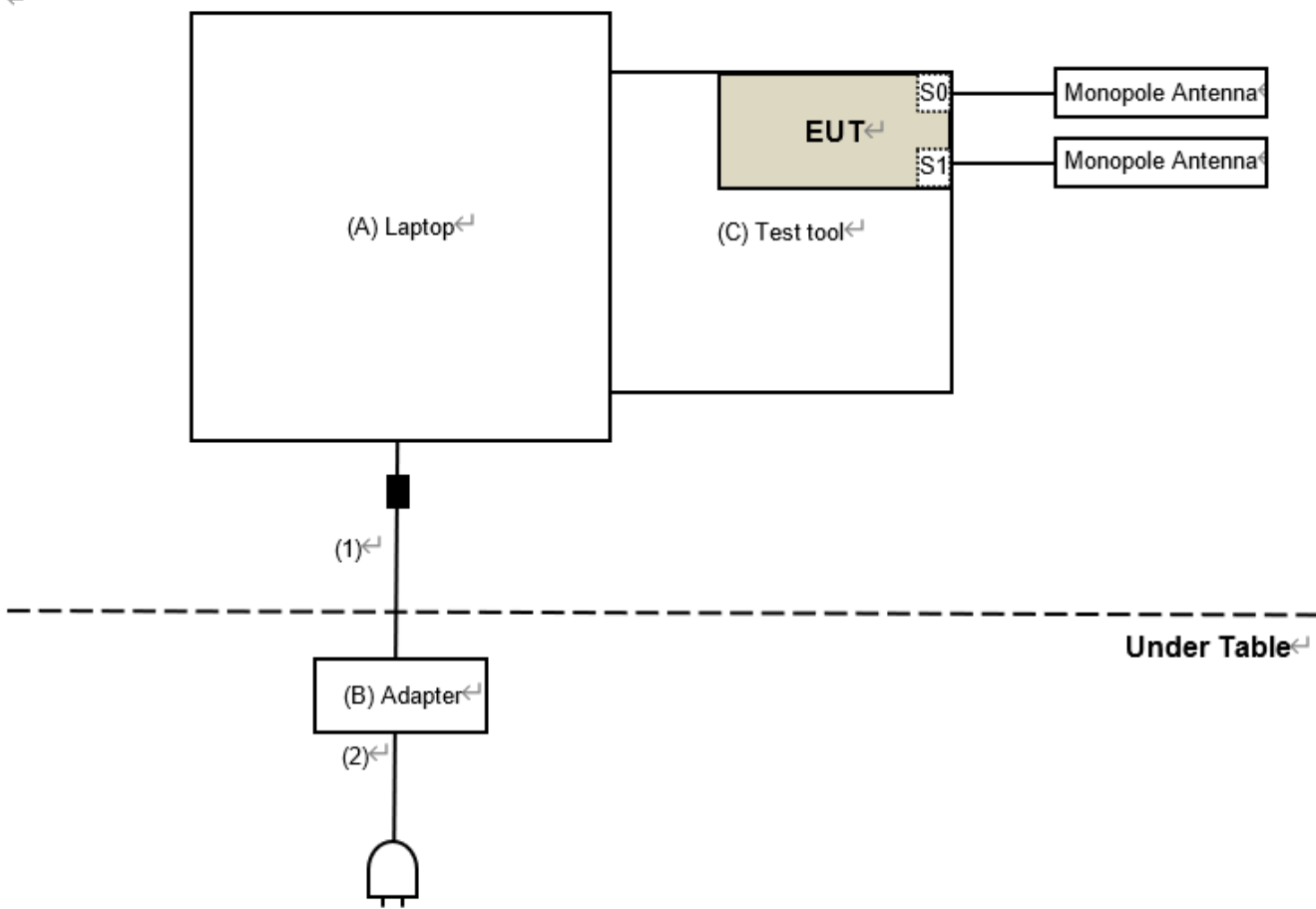
Controlling software Wi-Fi: RTL8922D_PCIE_MP_Package_ALPHA_v1.0.19(205956) ; 20260619_Realtek Bluetooth MP Kit Setup Package_1210101010_Fix_CS_Txpower has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.5 Connection Diagram of EUT and Peripheral Devices

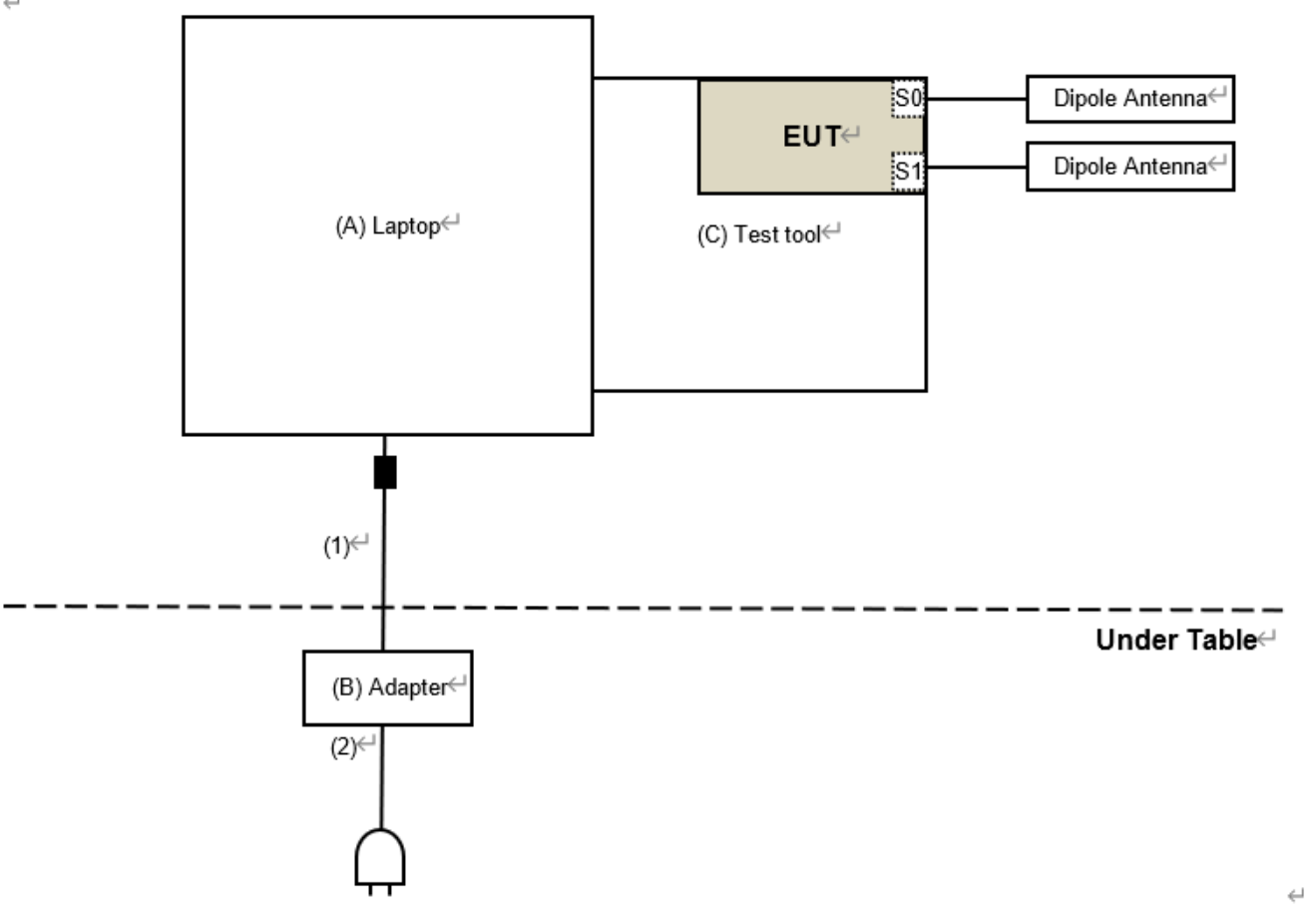
Mode A



Mode B



Mode C



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	TP00135D	SL11L59059	N/A	Supplied by applicant
B	Adapter	Lenovo	ADLX65YLC3D	SA10R16919	N/A	Supplied by applicant
C	Test tool	Realtek	N/A	N/A	N/A	Supplied by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.8	No	0	Supplied by applicant
2	AC Cable	1	0.5	No	0	Supplied by applicant

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-361	2025/9/16	2026/9/15
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Fixed Attenuator Woken	00800N1G01A-05	00800N1G01A-05-003	2026/1/31	2027/1/30
Loop Antenna TESEQ	HLA 6121	63620	2025/10/20	2026/10/19
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5	2026/6/4
Preamplifier EMCI	EMC330N	980852	2026/1/31	2027/1/30
RF Coaxial Cable PEWC	8D	001	2026/1/31	2027/1/30
		966-3-2	2026/1/31	2027/1/30
		966-3-3	2026/1/31	2027/1/30
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/5/14 ~ 2026/5/16

4.2 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Table Max-Full	MF-7802	MF780208406	N/A	N/A
Fix tool for Boresight antenna tower BV	FBA-01	FBA_SIP01	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-406	2025/11/9	2026/11/8
	BBHA 9170	9170-739	2025/11/9	2026/11/8
MXE EMI Receiver Agilent	N9038A	MY50010156	2025/6/5 2026/6/22	2026/6/4 2027/6/21
Preamplifier EMCI	EMC12630SE	980384	2026/1/10	2027/1/9
	EMC184045SE	980387	2025/8/7	2026/8/6
PXA Signal Analyzer Keysight	N9030B	MY57141948	2026/5/25	2027/5/24
RF Coaxial Cable EMCI	EMC102-KM-KM-1200	160924	2026/1/15	2027/1/14
	EMC102-KM-KM-4000	200214	2026/1/15	2027/1/14
	EMC104-SM-SM-1500	180504	2026/1/17	2027/1/16
	EMC104-SM-SM-2000	180601	2026/1/17	2027/1/16
	EMC104-SM-SM-6000	210201	2026/1/17	2027/1/16
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A

Notes:

1. The test was performed in HC - 966 Chamber No. 3(Hsinchu).
2. Tested Date: 2026/6/3 ~ 2026/7/1

4.3 Conducted Out of Band Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030A	MY55330160	2026/1/20	2027/1/19
Software	ADT_RF Test Software v8.5.6.4	N/A	N/A	N/A

Notes:

1. The test was performed in HC - Oven room 2(Hsinchu).
2. Tested Date: 2026/5/27 ~ 2026/7/13

5 Limits of Test Items

5.1 Unwanted Emissions below 1 GHz

For FCC 15.247:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

For FCC 15.407:

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.2 Unwanted Emissions above 1 GHz

For FCC 15.247:

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

For FCC 15.407 transmitters operating in the 5.150-5.850 GHz band:

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Applicable To	Limit	
789033 D02 General UNII Test Procedure New Rules v02r01	Field Strength at 3 m	
	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)

Applicable To	EIRP Limit	Equivalent Field Strength at 3 m
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
15.407(b)(2)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
15.407(b)(3)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m) *
15.407(b)(4)(i)	PK: -27 (dBm/MHz) ^{*1} PK: 10 (dBm/MHz) ^{*2} PK: 15.6 (dBm/MHz) ^{*3} PK: 27 (dBm/MHz) ^{*4}	PK: 68.2 (dBμV/m) ^{*1} PK: 105.2 (dBμV/m) ^{*2} PK: 110.8 (dBμV/m) ^{*3} PK: 122.2 (dBμV/m) ^{*4}

^{*1} beyond 75 MHz or more above of the band edge.

^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts).}$$

For transmitters operating in the 5.850-5.925 GHz band:

- (i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.
- (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.
- (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

For FCC 15.407 transmitters operating in the 5.925-7.125 GHz band:

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3 m
5925 MHz > F > 7125 MHz	Peak: -7 (dBm/MHz)	88.2 (dBuV/m)
	Average: -27 (dBm/MHz)	68.2 (dBuV/m)

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

5.3 Conducted Out of Band Emissions

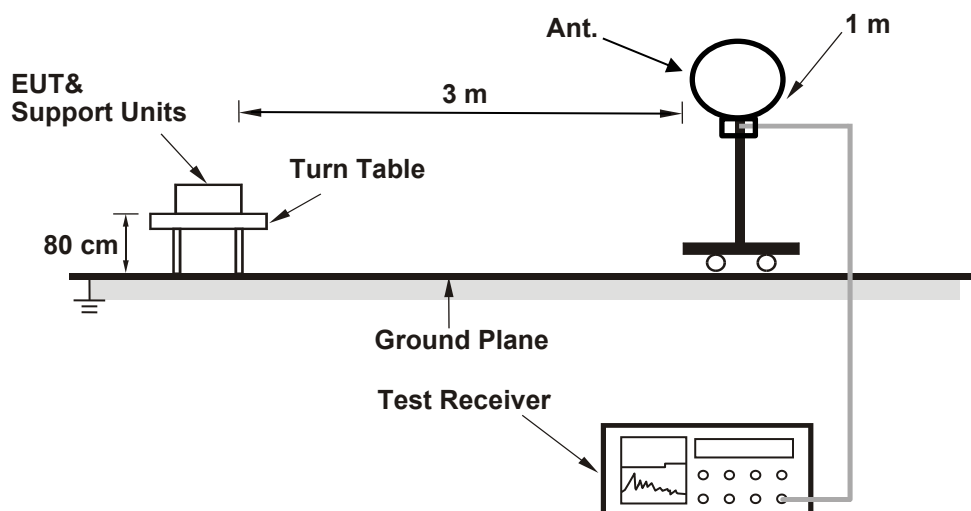
Below 20 dB of the highest emission level of operating band (in 100 kHz Resolution Bandwidth).

6 Test Arrangements

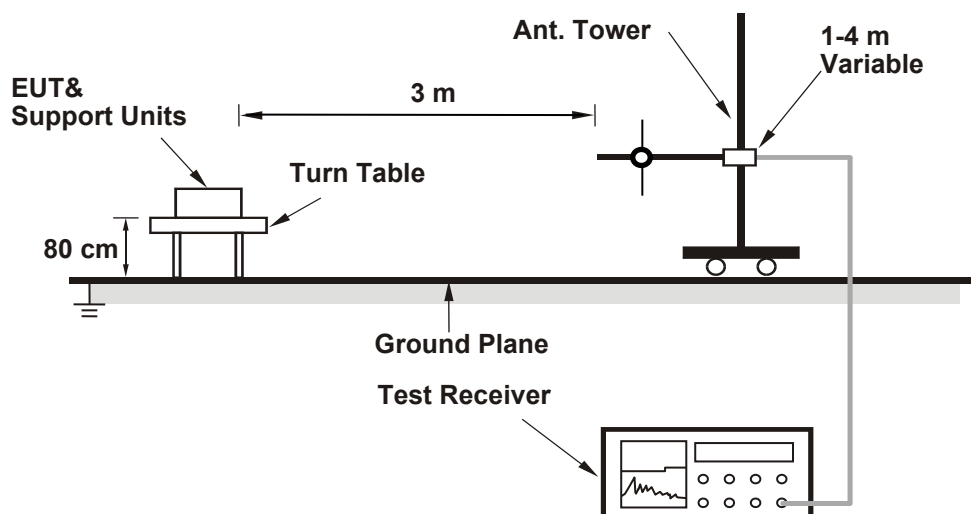
6.1 Unwanted Emissions below 1 GHz

6.1.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.1.2 Test Procedure

For Radiated emission below 30 MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode (however, peak detector measurements may be used to determine compliance with QP requirements), except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

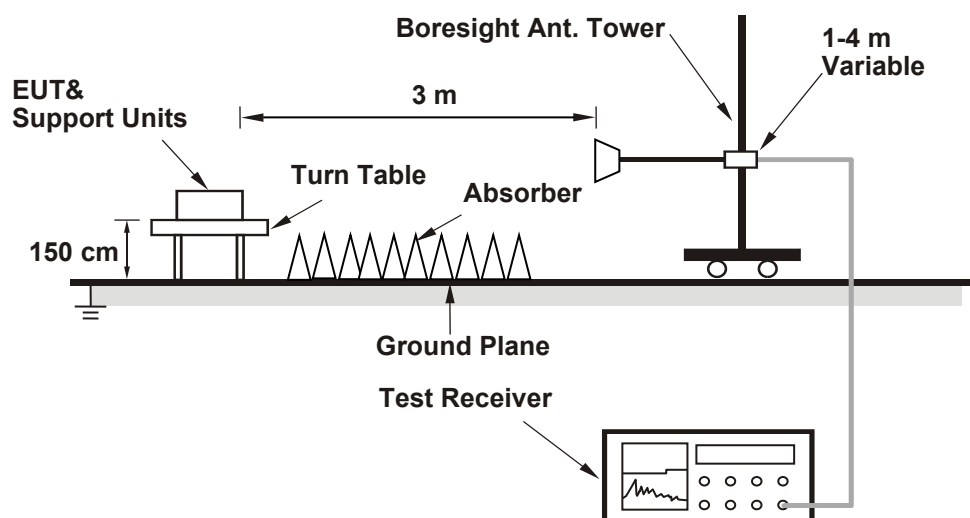
- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-peak(QP) detect function, Average(AV) detect function, Peak(PK) detect function and specified bandwidth with maximum hold mode when the test frequencies less than or equal to 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz (however, peak detector measurements may be used to determine compliance with QP requirements).
2. All modes of operation were investigated and the worst-case emissions are reported.

6.2 Unwanted Emissions above 1 GHz

6.2.1 Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

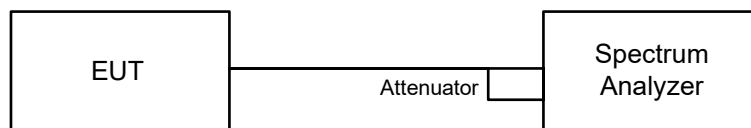
- The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

- The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
- For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- All modes of operation were investigated and the worst-case emissions are reported.

6.3 Conducted Out of Band Emissions

6.3.1 Test Setup



Note: The correction factor has already been compensated by the instrument.

6.3.2 Test Procedure

MEASUREMENT PROCEDURE REF

- Set instrument center frequency to DTS channel center frequency.
- Set the span to ≥ 1.5 times the DTS bandwidth.
- Set the RBW = 100 kHz.
- Set the VBW ≥ 300 kHz.
- Detector = peak.
- Sweep time = No faster than coupled (auto) time.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum PSD level.

MEASUREMENT PROCEDURE OOB

- Set the center frequency and span to encompass frequency range to be measured. Note that the frequency range might need to be divided into multiple frequency ranges to retain frequency resolution.
- Set RBW = 100 kHz.
- Set VBW ≥ 300 kHz.
- Detector = peak.
- Sweep = No faster than coupled (auto) time.
- Trace Mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level.

7 Test Results of Test Item

7.1 Unwanted Emissions below 1 GHz

Mode A

FCC 15.247

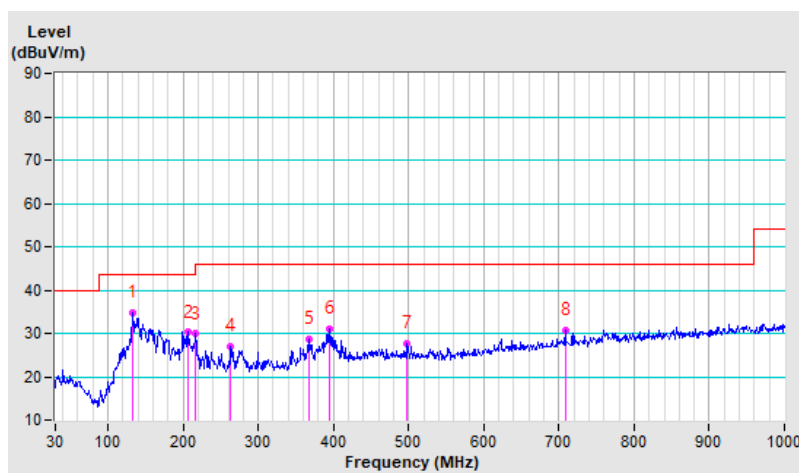
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.77	34.7 PK	43.5	-8.8	3.00 H	218	48.3	-13.6
2	206.18	30.2 PK	43.5	-13.3	1.00 H	228	46.1	-15.9
3	216.31	29.9 PK	46.0	-16.1	1.00 H	238	45.7	-15.8
4	263.41	26.9 PK	46.0	-19.1	1.00 H	65	40.2	-13.3
5	367.66	28.6 PK	46.0	-17.4	2.00 H	100	38.8	-10.2
6	394.11	31.1 PK	46.0	-14.9	1.00 H	202	40.7	-9.6
7	497.9	27.6 PK	46.0	-18.4	2.00 H	205	34.9	-7.3
8	708.18	30.6 PK	46.0	-15.4	1.00 H	228	34.0	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

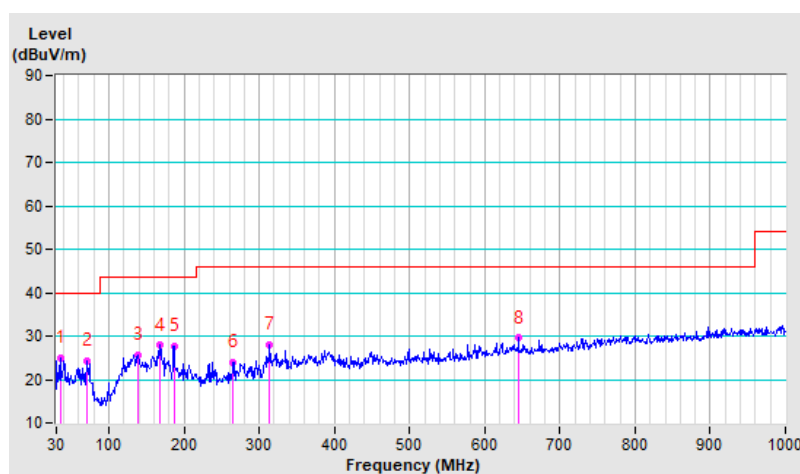


Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	24.9 PK	40.0	-15.1	1.00 V	360	38.5	-13.6
2	71.59	24.3 PK	40.0	-15.7	1.00 V	360	40.0	-15.7
3	138.64	25.6 PK	43.5	-17.9	1.00 V	126	38.6	-13.0
4	167.64	27.8 PK	43.5	-15.7	3.00 V	161	40.8	-13.0
5	186.17	27.8 PK	43.5	-15.7	1.00 V	317	42.6	-14.8
6	265.69	24.0 PK	46.0	-22.0	2.00 V	110	37.2	-13.2
7	313.31	27.9 PK	46.0	-18.1	2.00 V	149	39.1	-11.2
8	644.37	29.5 PK	46.0	-16.5	2.00 V	214	33.5	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

FCC 15.247

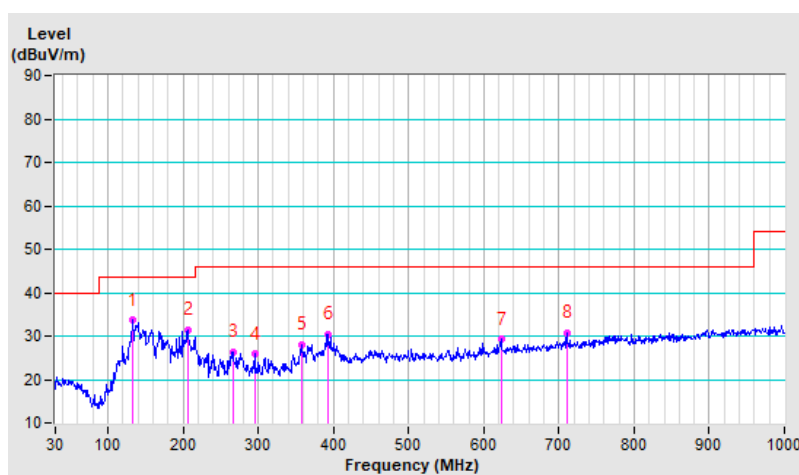
FCC 15.407FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.8	33.6 PK	43.5	-9.9	2.00 H	229	47.2	-13.6
2	205.64	31.3 PK	43.5	-12.2	2.00 H	216	47.2	-15.9
3	266.56	26.4 PK	46.0	-19.6	1.00 H	208	39.6	-13.2
4	295.27	25.8 PK	46.0	-20.2	1.00 H	0	38.0	-12.2
5	357.01	28.1 PK	46.0	-17.9	2.00 H	95	38.5	-10.4
6	393.6	30.4 PK	46.0	-15.6	1.00 H	216	40.0	-9.6
7	623.35	29.2 PK	46.0	-16.8	3.00 H	0	33.7	-4.5
8	710.02	30.8 PK	46.0	-15.2	1.00 H	360	34.2	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

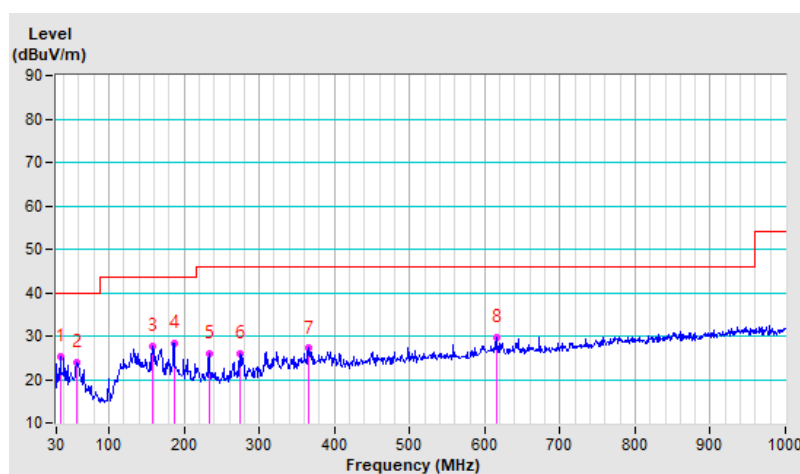


Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.26	25.3 PK	40.0	-14.7	2.00 V	360	38.9	-13.6
2	56.92	24.0 PK	40.0	-16.0	2.00 V	360	37.4	-13.4
3	158.84	27.6 PK	43.5	-15.9	2.00 V	167	40.2	-12.6
4	186.17	28.4 PK	43.5	-15.1	1.00 V	168	43.2	-14.8
5	232.78	26.0 PK	46.0	-20.0	1.00 V	92	40.7	-14.7
6	273.91	26.1 PK	46.0	-19.9	2.00 V	2	38.9	-12.8
7	365.35	27.1 PK	46.0	-18.9	2.00 V	8	37.3	-10.2
8	615.73	29.6 PK	46.0	-16.4	2.00 V	360	34.2	-4.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

FCC 15.407(WLAN 5G)

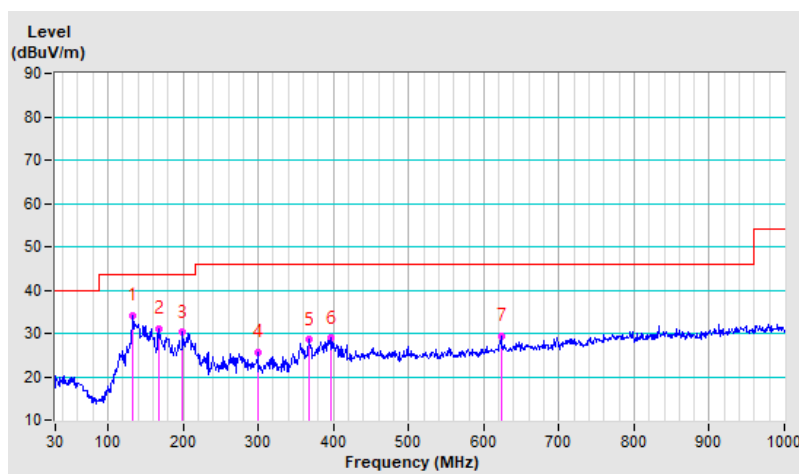
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.8	34.1 PK	43.5	-9.4	2.00 H	226	47.7	-13.6
2	167.57	31.0 PK	43.5	-12.5	1.00 H	223	44.0	-13.0
3	199.17	30.2 PK	43.5	-13.3	1.00 H	206	46.0	-15.8
4	298.71	25.6 PK	46.0	-20.4	1.00 H	225	37.5	-11.9
5	368.14	28.5 PK	46.0	-17.5	2.00 H	96	38.7	-10.2
6	396.13	28.8 PK	46.0	-17.2	1.00 H	209	38.4	-9.6
7	623.4	29.5 PK	46.0	-16.5	2.00 H	7	34.0	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

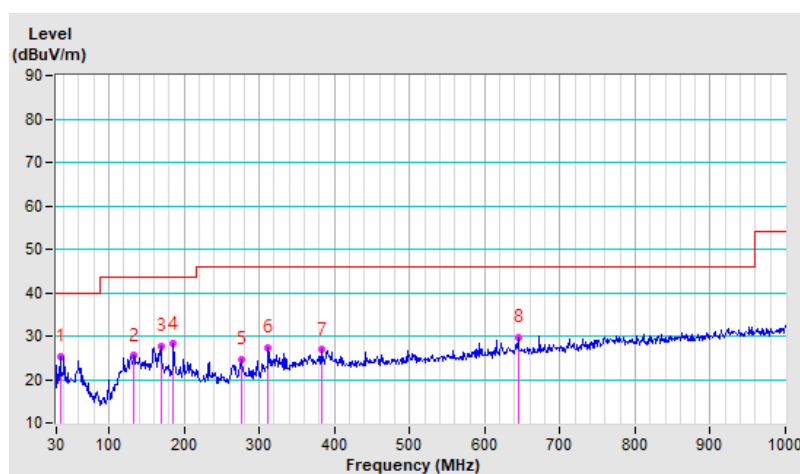


Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	25.3 PK	40.0	-14.7	2.00 V	224	38.9	-13.6
2	132.99	25.5 PK	43.5	-18.0	2.00 V	148	39.1	-13.6
3	170.29	27.6 PK	43.5	-15.9	2.00 V	145	40.8	-13.2
4	186.15	28.2 PK	43.5	-15.3	1.00 V	98	43.0	-14.8
5	275.94	24.7 PK	46.0	-21.3	3.00 V	0	37.4	-12.7
6	311.28	27.3 PK	46.0	-18.7	2.00 V	177	38.6	-11.3
7	383.98	26.8 PK	46.0	-19.2	2.00 V	124	36.6	-9.8
8	644.35	29.8 PK	46.0	-16.2	2.00 V	232	33.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

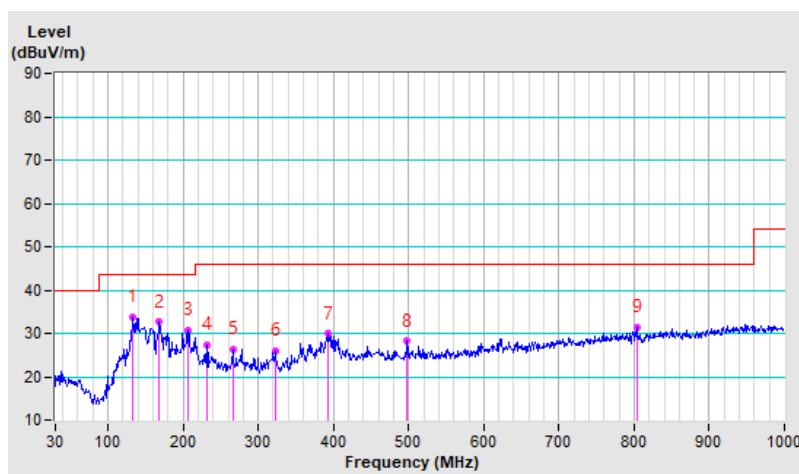
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.99	33.7 PK	43.5	-9.8	3.00 H	86	47.3	-13.6
2	168.01	32.6 PK	43.5	-10.9	2.00 H	225	45.6	-13.0
3	206.03	30.6 PK	43.5	-12.9	1.00 H	223	46.5	-15.9
4	232.37	27.4 PK	46.0	-18.6	1.00 H	84	42.2	-14.8
5	265.86	26.4 PK	46.0	-19.6	1.00 H	72	39.6	-13.2
6	322.53	26.0 PK	46.0	-20.0	2.00 H	98	37.0	-11.0
7	393.26	29.9 PK	46.0	-16.1	1.00 H	232	39.5	-9.6
8	498.19	28.1 PK	46.0	-17.9	2.00 H	200	35.4	-7.3
9	803.96	31.5 PK	46.0	-14.5	2.00 H	84	33.2	-1.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

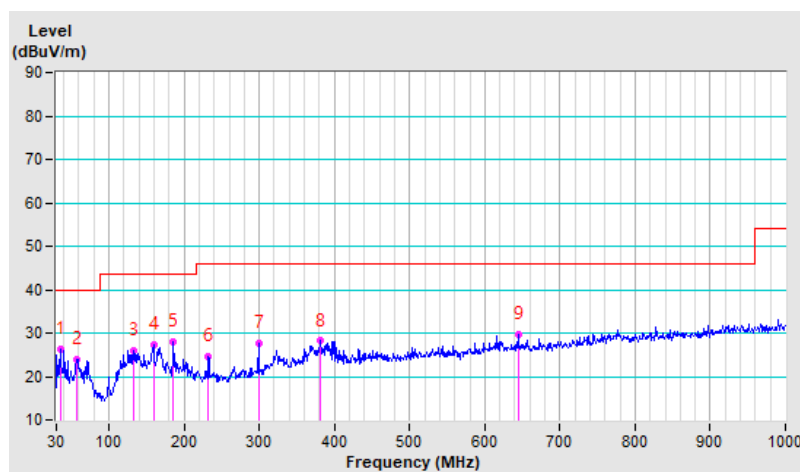


Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	26.2 PK	40.0	-13.8	1.00 V	246	39.8	-13.6
2	56.89	24.1 PK	40.0	-15.9	1.00 V	324	37.5	-13.4
3	133.04	26.1 PK	43.5	-17.4	3.00 V	129	39.6	-13.5
4	159.18	27.3 PK	43.5	-16.2	2.00 V	172	39.9	-12.6
5	186.15	28.0 PK	43.5	-15.5	1.00 V	154	42.8	-14.8
6	232.34	24.6 PK	46.0	-21.4	1.00 V	97	39.4	-14.8
7	298.81	27.6 PK	46.0	-18.4	1.00 V	65	39.5	-11.9
8	381.5	28.2 PK	46.0	-17.8	2.00 V	103	38.1	-9.9
9	644.33	29.8 PK	46.0	-16.2	2.00 V	280	33.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



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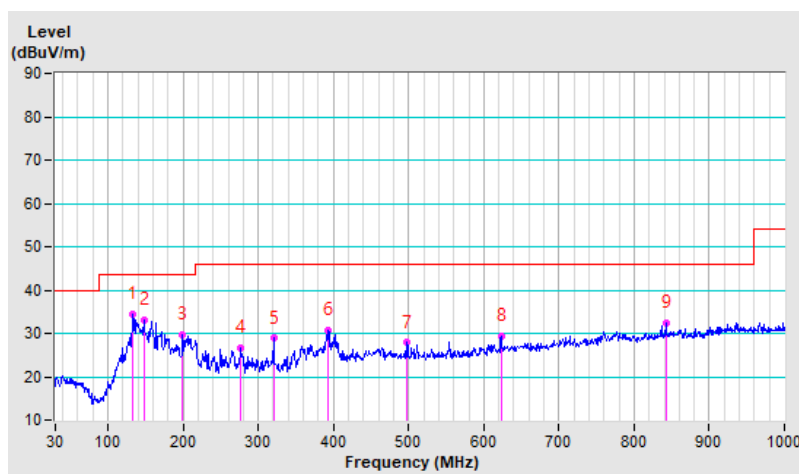
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	133.01	34.5 PK	43.5	-9.0	3.00 H	231	48.0	-13.5
2	148.17	33.1 PK	43.5	-10.4	2.00 H	67	45.7	-12.6
3	199.17	29.6 PK	43.5	-13.9	2.00 H	55	45.4	-15.8
4	276.65	26.6 PK	46.0	-19.4	1.00 H	210	39.3	-12.7
5	320.85	28.8 PK	46.0	-17.2	1.00 H	340	39.8	-11.0
6	391.86	30.7 PK	46.0	-15.3	1.00 H	210	40.4	-9.7
7	498.46	27.8 PK	46.0	-18.2	2.00 H	200	35.1	-7.3
8	623.35	29.3 PK	46.0	-16.7	2.00 H	4	33.8	-4.5
9	842.42	32.5 PK	46.0	-13.5	1.00 H	66	33.7	-1.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

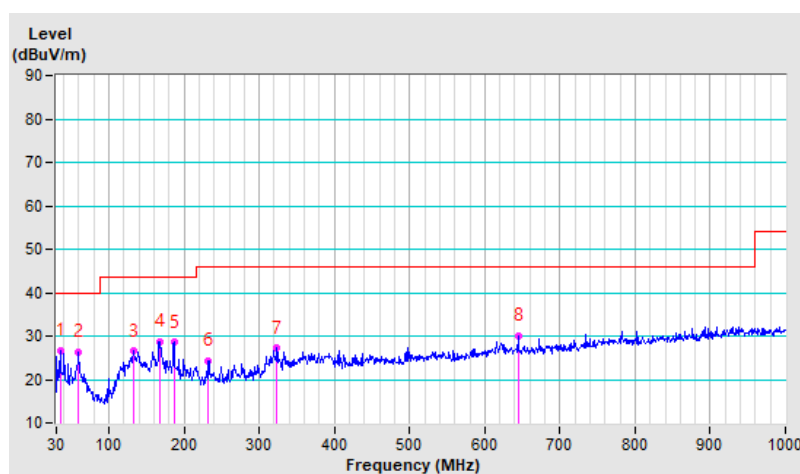


Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	26.6 PK	40.0	-13.4	1.00 V	141	40.2	-13.6
2	60.02	26.2 PK	40.0	-13.8	2.00 V	360	39.8	-13.6
3	132.38	26.5 PK	43.5	-17.0	1.00 V	113	40.2	-13.7
4	167.5	28.6 PK	43.5	-14.9	3.00 V	149	41.6	-13.0
5	186.19	28.5 PK	43.5	-15.0	1.00 V	153	43.3	-14.8
6	232.56	24.3 PK	46.0	-21.7	1.00 V	66	39.0	-14.7
7	323.21	27.1 PK	46.0	-18.9	2.00 V	203	38.1	-11.0
8	644.37	30.1 PK	46.0	-15.9	2.00 V	77	34.1	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

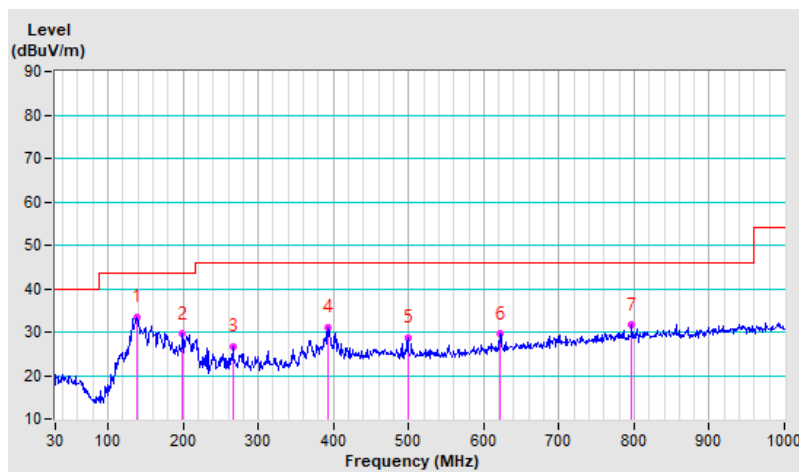
FCC 15.407(WLAN 5G)

Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	138.3	33.5 PK	43.5	-10.0	2.00 H	69	46.5	-13.0
2	199.19	29.5 PK	43.5	-14.0	1.00 H	36	45.3	-15.8
3	266.03	26.7 PK	46.0	-19.3	1.00 H	206	39.9	-13.2
4	392.13	31.1 PK	46.0	-14.9	1.00 H	206	40.8	-9.7
5	498.87	28.8 PK	46.0	-17.2	2.00 H	198	36.1	-7.3
6	620.9	29.5 PK	46.0	-16.5	2.00 H	360	34.0	-4.5
7	796.62	31.6 PK	46.0	-14.4	1.00 H	115	33.3	-1.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

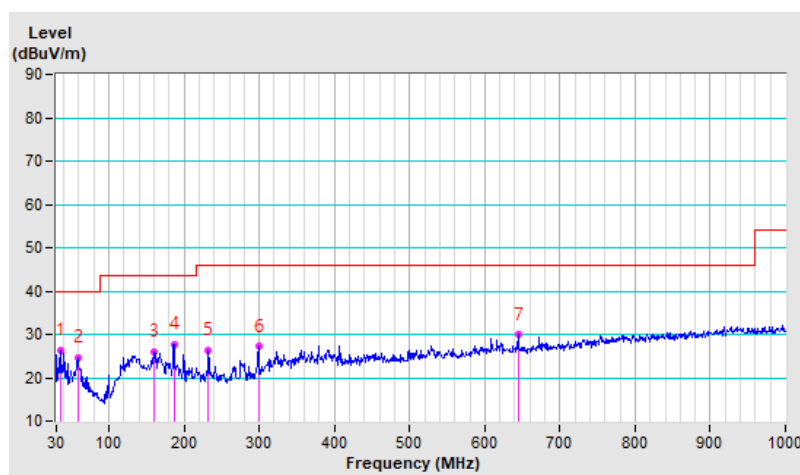


Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	26.3 PK	40.0	-13.7	1.00 V	193	39.9	-13.6
2	58.91	24.6 PK	40.0	-15.4	2.00 V	360	37.9	-13.3
3	160.59	25.9 PK	43.5	-17.6	2.00 V	192	38.6	-12.7
4	186.19	27.8 PK	43.5	-15.7	1.00 V	134	42.6	-14.8
5	232.34	26.3 PK	46.0	-19.7	1.00 V	74	41.1	-14.8
6	298.76	27.2 PK	46.0	-18.8	3.00 V	360	39.1	-11.9
7	644.37	29.9 PK	46.0	-16.1	2.00 V	121	33.9	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

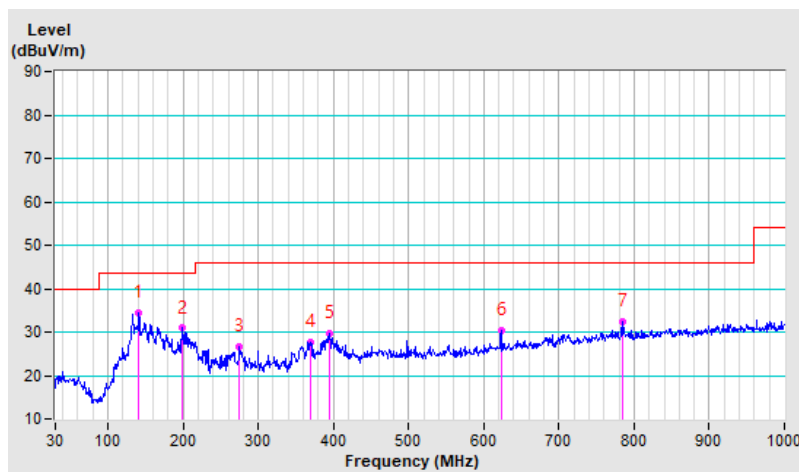
FCC 15.247

Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	140.97	34.4 PK	43.5	-9.1	2.00 H	97	47.3	-12.9
2	199.17	30.8 PK	43.5	-12.7	1.00 H	92	46.6	-15.8
3	274.88	26.7 PK	46.0	-19.3	1.00 H	217	39.5	-12.8
4	369.38	27.8 PK	46.0	-18.2	2.00 H	280	38.0	-10.2
5	394.38	29.8 PK	46.0	-16.2	1.00 H	200	39.4	-9.6
6	623.32	30.4 PK	46.0	-15.6	2.00 H	3	34.9	-4.5
7	785.36	32.4 PK	46.0	-13.6	1.00 H	106	34.1	-1.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

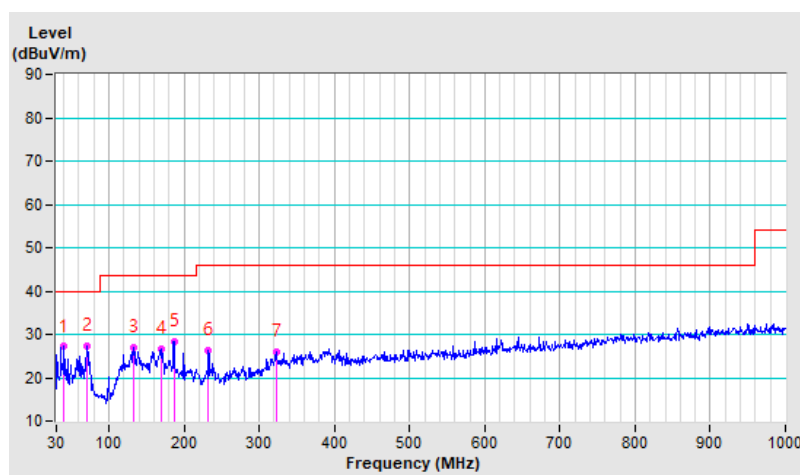


Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.99	27.1 PK	40.0	-12.9	1.00 V	127	40.3	-13.2
2	70.62	27.3 PK	40.0	-12.7	1.00 V	360	42.8	-15.5
3	133.01	26.9 PK	43.5	-16.6	3.00 V	158	40.4	-13.5
4	169.03	26.6 PK	43.5	-16.9	2.00 V	145	39.8	-13.2
5	186.17	28.3 PK	43.5	-15.2	1.00 V	278	43.1	-14.8
6	232.39	26.2 PK	46.0	-19.8	1.00 V	67	41.0	-14.8
7	322.58	25.9 PK	46.0	-20.1	2.00 V	176	36.9	-11.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

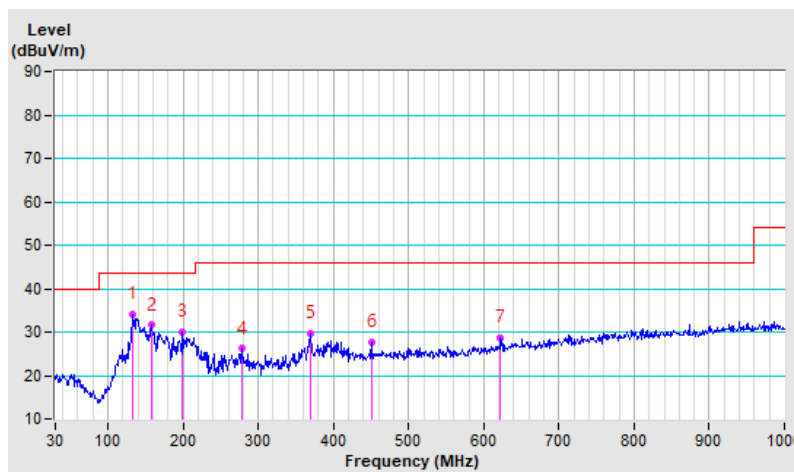
FCC 15.407(WLAN 5G)

Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	133.01	34.0 PK	43.5	-9.5	2.00 H	57	47.5	-13.5
2	157.99	31.6 PK	43.5	-11.9	2.00 H	107	44.2	-12.6
3	199.19	30.0 PK	43.5	-13.5	1.00 H	77	45.8	-15.8
4	278.97	26.1 PK	46.0	-19.9	1.00 H	102	38.7	-12.6
5	368.7	29.8 PK	46.0	-16.2	2.00 H	84	40.0	-10.2
6	450.66	27.6 PK	46.0	-18.4	2.00 H	36	35.6	-8.0
7	620.9	28.8 PK	46.0	-17.2	3.00 H	1	33.3	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

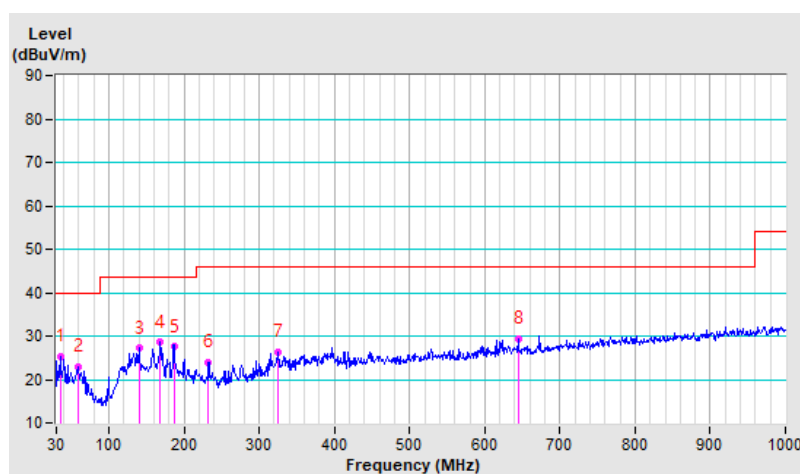


Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	25.2 PK	40.0	-14.8	1.00 V	106	38.8	-13.6
2	58.64	22.8 PK	40.0	-17.2	2.00 V	360	36.1	-13.3
3	140.12	27.2 PK	43.5	-16.3	3.00 V	158	40.2	-13.0
4	168.2	28.5 PK	43.5	-15.0	3.00 V	158	41.6	-13.1
5	186.22	27.5 PK	43.5	-16.0	1.00 V	355	42.3	-14.8
6	232.32	23.9 PK	46.0	-22.1	1.00 V	85	38.7	-14.8
7	325.78	26.2 PK	46.0	-19.8	2.00 V	173	37.1	-10.9
8	644.35	29.4 PK	46.0	-16.6	2.00 V	360	33.4	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

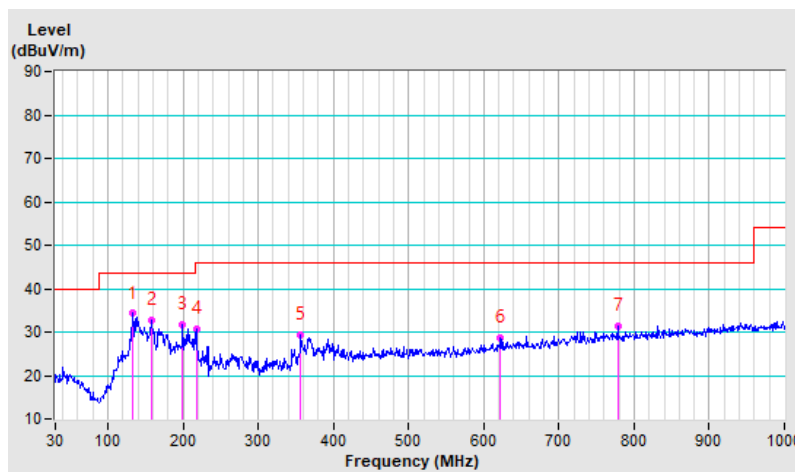
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.77	34.2 PK	43.5	-9.3	2.00 H	74	47.8	-13.6
2	157.46	32.7 PK	43.5	-10.8	1.00 H	79	45.3	-12.6
3	199.39	31.7 PK	43.5	-11.8	1.00 H	247	47.5	-15.8
4	217.62	30.7 PK	46.0	-15.3	1.00 H	222	46.5	-15.8
5	356.74	29.3 PK	46.0	-16.7	2.00 H	98	39.7	-10.4
6	620.9	28.8 PK	46.0	-17.2	3.00 H	360	33.3	-4.5
7	778.65	31.5 PK	46.0	-14.5	1.00 H	217	33.2	-1.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

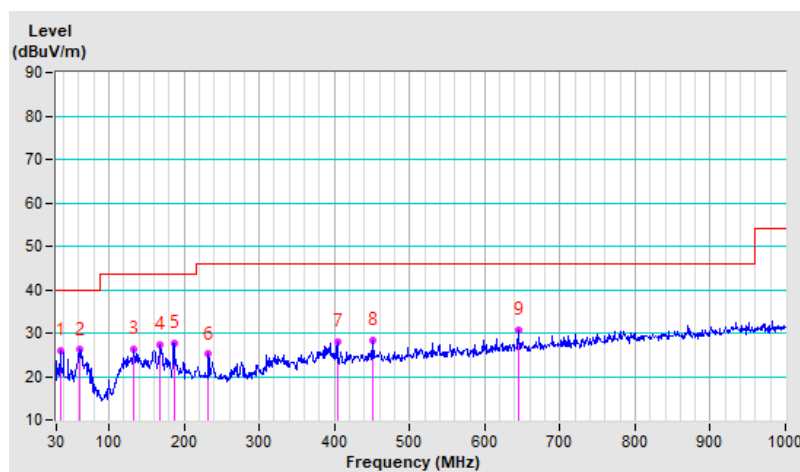


Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	25.9 PK	40.0	-14.1	1.00 V	272	39.5	-13.6
2	60.34	26.1 PK	40.0	-13.9	1.00 V	360	39.7	-13.6
3	132.92	26.2 PK	43.5	-17.3	1.00 V	360	39.8	-13.6
4	168.32	27.3 PK	43.5	-16.2	2.00 V	149	40.4	-13.1
5	186.19	27.7 PK	43.5	-15.8	1.00 V	16	42.5	-14.8
6	232.37	25.1 PK	46.0	-20.9	1.00 V	72	39.9	-14.8
7	403.55	27.9 PK	46.0	-18.1	1.00 V	253	37.2	-9.3
8	451.73	28.4 PK	46.0	-17.6	1.00 V	192	36.4	-8.0
9	644.33	30.7 PK	46.0	-15.3	2.00 V	274	34.7	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

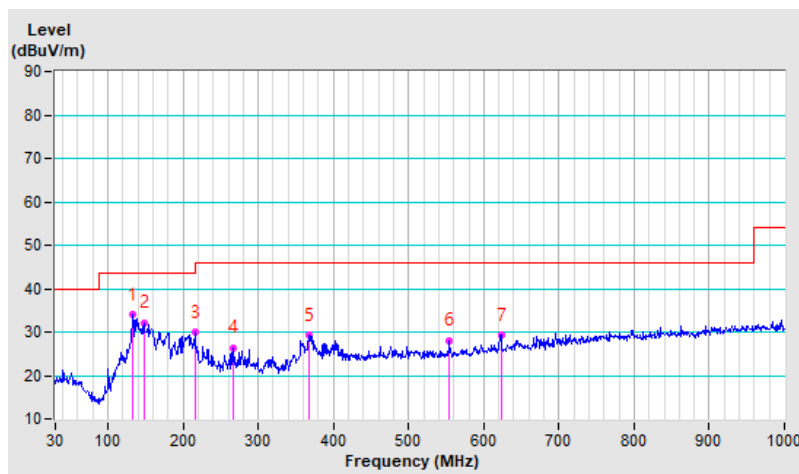
FCC 15.247

Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.8	33.9 PK	43.5	-9.6	2.00 H	223	47.5	-13.6
2	147.81	32.0 PK	43.5	-11.5	2.00 H	72	44.6	-12.6
3	215.78	29.9 PK	43.5	-13.6	1.00 H	60	45.7	-15.8
4	267.02	26.4 PK	46.0	-19.6	1.00 H	201	39.5	-13.1
5	367.75	29.2 PK	46.0	-16.8	2.00 H	302	39.4	-10.2
6	554.04	28.1 PK	46.0	-17.9	3.00 H	360	34.3	-6.2
7	623.32	29.2 PK	46.0	-16.8	3.00 H	6	33.7	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

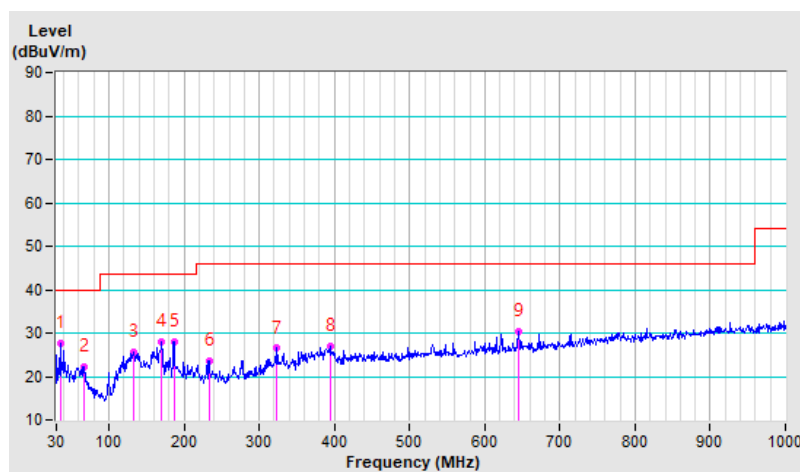


Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.26	27.6 PK	40.0	-12.4	1.00 V	288	41.2	-13.6
2	65.89	22.2 PK	40.0	-17.8	2.00 V	360	36.7	-14.5
3	132.75	25.6 PK	43.5	-17.9	1.00 V	302	39.2	-13.6
4	170.58	27.9 PK	43.5	-15.6	2.00 V	171	41.1	-13.2
5	186.17	28.1 PK	43.5	-15.4	1.00 V	140	42.9	-14.8
6	232.73	23.5 PK	46.0	-22.5	1.00 V	78	38.2	-14.7
7	323.76	26.5 PK	46.0	-19.5	2.00 V	180	37.4	-10.9
8	393.75	26.9 PK	46.0	-19.1	1.00 V	257	36.5	-9.6
9	644.35	30.3 PK	46.0	-15.7	1.00 V	303	34.3	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



Mode B

FCC 15.247

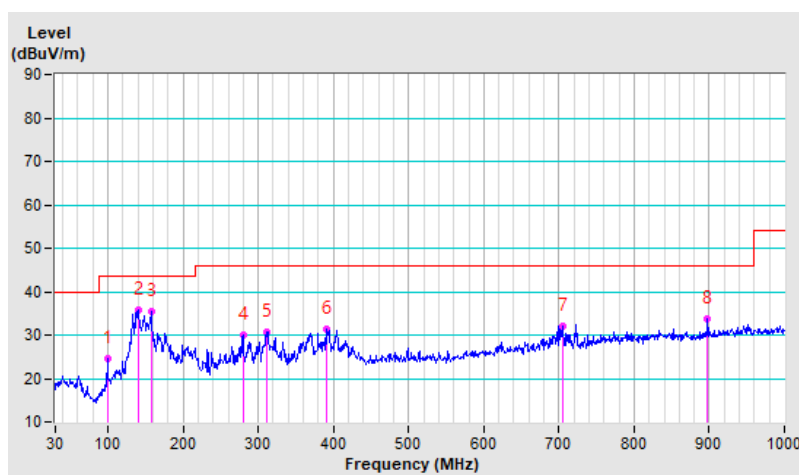
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.6	24.6 PK	43.5	-18.9	3.00 H	360	41.7	-17.1
2	140.82	35.8 PK	43.5	-7.7	2.00 H	156	48.7	-12.9
3	158.72	35.5 PK	43.5	-8.0	2.00 H	0	48.1	-12.6
4	279.87	30.1 PK	46.0	-15.9	1.00 H	110	42.7	-12.6
5	312.25	30.7 PK	46.0	-15.3	1.00 H	106	42.0	-11.3
6	391.62	31.3 PK	46.0	-14.7	1.00 H	135	41.0	-9.7
7	704.59	32.1 PK	46.0	-13.9	1.00 H	145	35.5	-3.4
8	897.35	33.8 PK	46.0	-12.2	2.00 H	234	34.3	-0.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

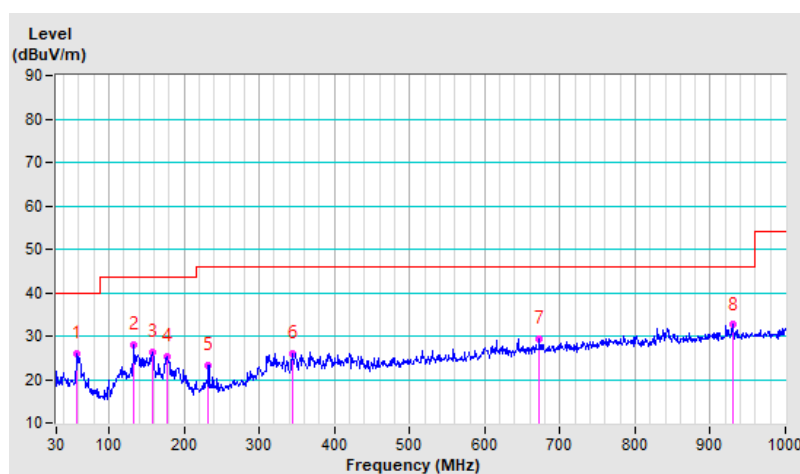


Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	57.67	25.9 PK	40.0	-14.1	2.00 V	0	39.3	-13.4
2	132.97	28.1 PK	43.5	-15.4	2.00 V	110	41.7	-13.6
3	158.6	26.2 PK	43.5	-17.3	3.00 V	320	38.8	-12.6
4	176.88	25.4 PK	43.5	-18.1	1.00 V	94	39.3	-13.9
5	232.39	23.4 PK	46.0	-22.6	1.00 V	291	38.2	-14.8
6	343.99	26.0 PK	46.0	-20.0	2.00 V	85	36.8	-10.8
7	673.01	29.4 PK	46.0	-16.6	3.00 V	360	33.4	-4.0
8	929.75	32.6 PK	46.0	-13.4	1.00 V	106	32.2	0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

FCC 15.247

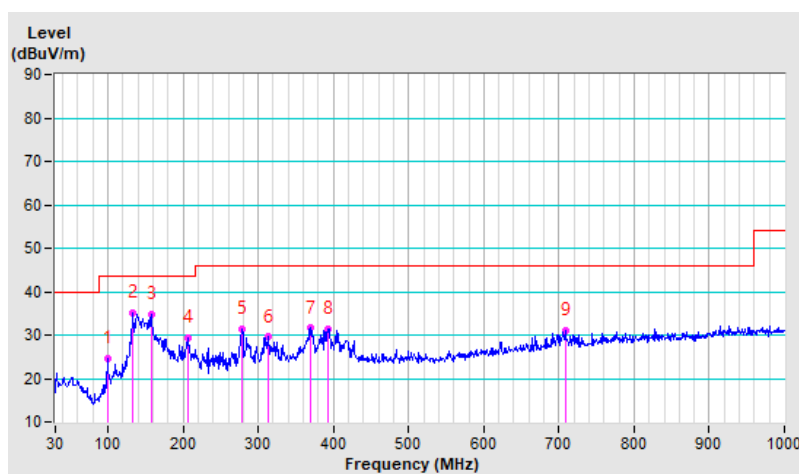
FCC 15.407FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.79	24.5 PK	43.5	-19.0	3.00 H	190	41.6	-17.1
2	133.04	35.1 PK	43.5	-8.4	3.00 H	1	48.6	-13.5
3	157.68	34.9 PK	43.5	-8.6	1.00 H	0	47.5	-12.6
4	206.59	29.4 PK	43.5	-14.1	1.00 H	30	45.3	-15.9
5	278.03	31.3 PK	46.0	-14.7	1.00 H	83	44.0	-12.7
6	312.83	29.5 PK	46.0	-16.5	1.00 H	81	40.7	-11.2
7	368.58	31.6 PK	46.0	-14.4	2.00 H	360	41.8	-10.2
8	392.68	31.3 PK	46.0	-14.7	3.00 H	131	40.9	-9.6
9	708.03	31.1 PK	46.0	-14.9	1.00 H	124	34.5	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

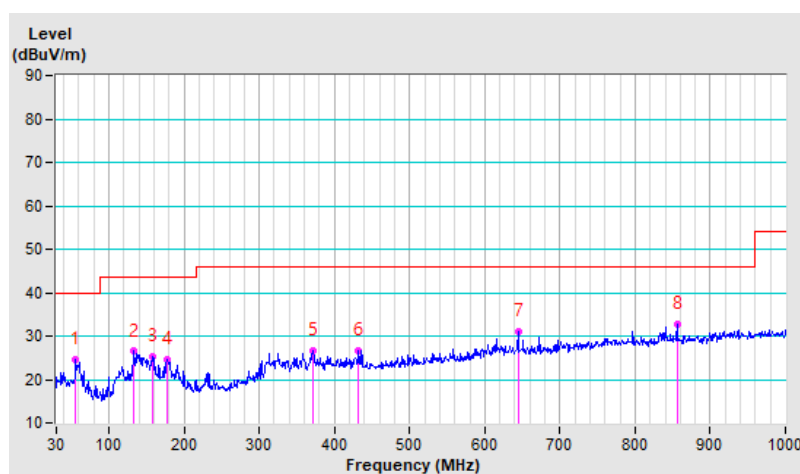


Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.17	24.5 PK	40.0	-15.5	2.00 V	0	37.7	-13.2
2	132.94	26.4 PK	43.5	-17.1	2.00 V	315	40.0	-13.6
3	158.23	25.2 PK	43.5	-18.3	3.00 V	301	37.8	-12.6
4	176.91	24.5 PK	43.5	-19.0	1.00 V	67	38.4	-13.9
5	372.24	26.6 PK	46.0	-19.4	2.00 V	289	36.8	-10.2
6	432.11	26.7 PK	46.0	-19.3	2.00 V	0	35.1	-8.4
7	644.37	31.0 PK	46.0	-15.0	2.00 V	159	35.0	-4.0
8	856.37	32.7 PK	46.0	-13.3	2.00 V	0	33.8	-1.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

FCC 15.407(WLAN 5G)

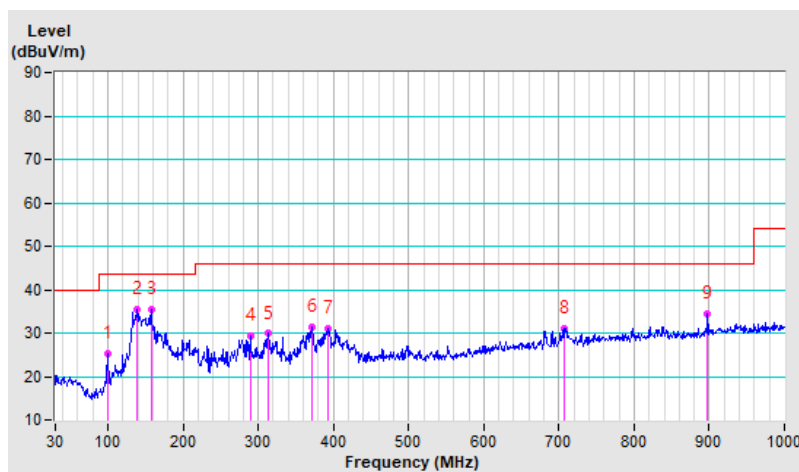
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.6	25.4 PK	43.5	-18.1	2.00 H	360	42.5	-17.1
2	138.76	35.4 PK	43.5	-8.1	3.00 H	360	48.4	-13.0
3	158.72	35.5 PK	43.5	-8.0	2.00 H	360	48.1	-12.6
4	289.52	29.3 PK	46.0	-16.7	1.00 H	97	41.6	-12.3
5	312.34	29.9 PK	46.0	-16.1	1.00 H	72	41.1	-11.2
6	371.46	31.3 PK	46.0	-14.7	2.00 H	360	41.5	-10.2
7	392.68	31.2 PK	46.0	-14.8	3.00 H	116	40.8	-9.6
8	706.33	31.2 PK	46.0	-14.8	1.00 H	144	34.6	-3.4
9	897.86	34.5 PK	46.0	-11.5	3.00 H	360	34.9	-0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

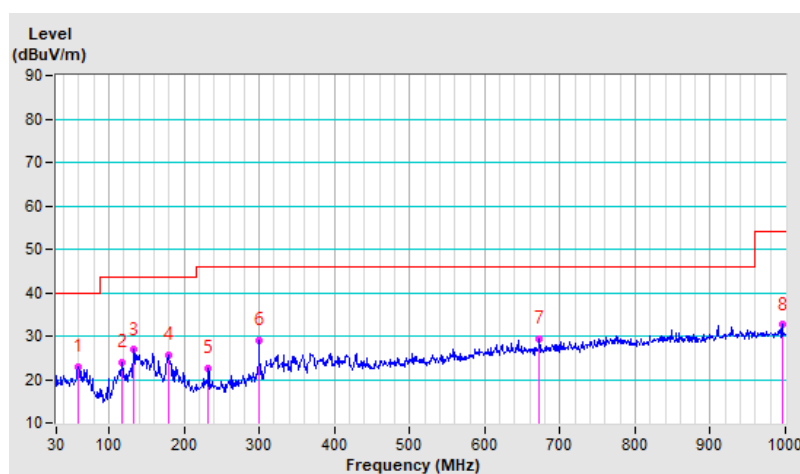


Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.12	23.0 PK	40.0	-17.0	1.00 V	0	36.4	-13.4
2	116.86	23.9 PK	43.5	-19.6	1.00 V	210	38.8	-14.9
3	132.82	26.8 PK	43.5	-16.7	2.00 V	84	40.4	-13.6
4	179.19	25.6 PK	43.5	-17.9	1.00 V	150	39.7	-14.1
5	232.39	22.5 PK	46.0	-23.5	1.00 V	307	37.3	-14.8
6	298.76	29.0 PK	46.0	-17.0	3.00 V	238	40.9	-11.9
7	673.04	29.4 PK	46.0	-16.6	3.00 V	0	33.4	-4.0
8	995.51	32.6 PK	54.0	-21.4	1.00 V	228	31.9	0.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

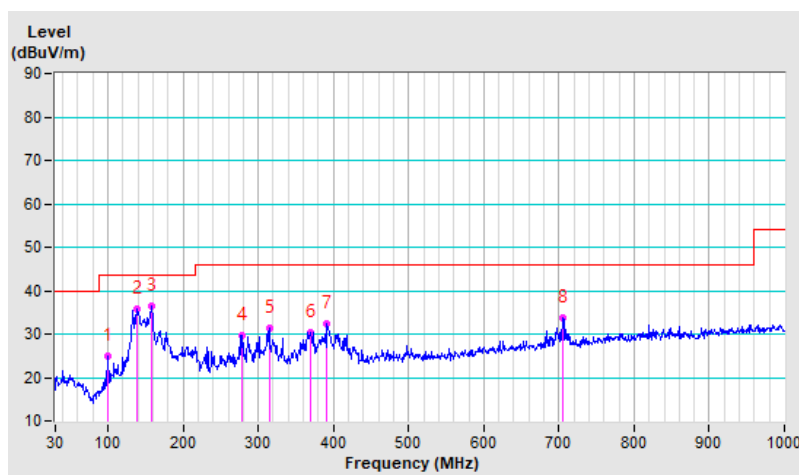
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.62	24.9 PK	43.5	-18.6	3.00 H	11	42.0	-17.1
2	139.12	35.9 PK	43.5	-7.6	2.00 H	0	48.9	-13.0
3	158.65	36.6 PK	43.5	-6.9	2.00 H	0	49.2	-12.6
4	278.73	29.6 PK	46.0	-16.4	1.00 H	103	42.3	-12.7
5	314.4	31.4 PK	46.0	-14.6	1.00 H	116	42.5	-11.1
6	368.72	30.5 PK	46.0	-15.5	2.00 H	360	40.7	-10.2
7	391.37	32.5 PK	46.0	-13.5	1.00 H	103	42.2	-9.7
8	704.37	33.8 PK	46.0	-12.2	1.00 H	124	37.2	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

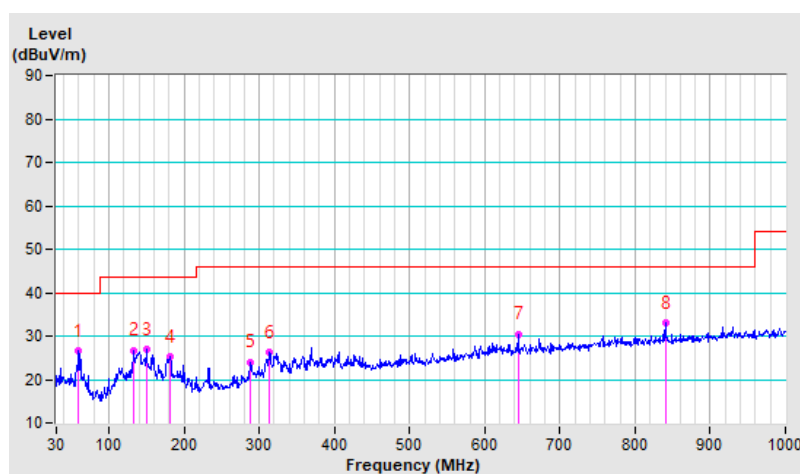


Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.46	26.5 PK	40.0	-13.5	2.00 V	0	39.9	-13.4
2	132.77	26.7 PK	43.5	-16.8	2.00 V	133	40.3	-13.6
3	149.99	26.8 PK	43.5	-16.7	3.00 V	112	39.3	-12.5
4	181.3	25.1 PK	43.5	-18.4	1.00 V	88	39.5	-14.4
5	287.97	23.9 PK	46.0	-22.1	2.00 V	156	36.3	-12.4
6	313.12	26.1 PK	46.0	-19.9	2.00 V	68	37.3	-11.2
7	644.37	30.4 PK	46.0	-15.6	2.00 V	347	34.4	-4.0
8	840.36	32.9 PK	46.0	-13.1	2.00 V	0	34.1	-1.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

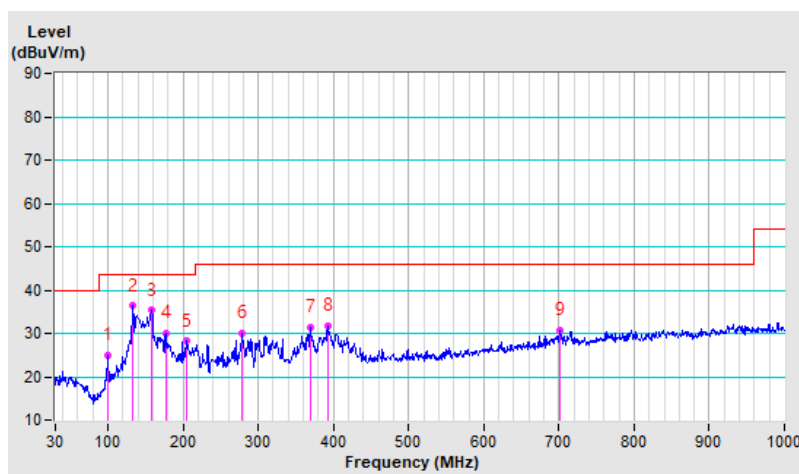
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.6	25.0 PK	43.5	-18.5	2.00 H	194	42.1	-17.1
2	132.8	36.3 PK	43.5	-7.2	3.00 H	0	49.9	-13.6
3	158.79	35.3 PK	43.5	-8.2	2.00 H	0	47.9	-12.6
4	176.93	30.1 PK	43.5	-13.4	2.00 H	21	44.0	-13.9
5	205.23	28.2 PK	43.5	-15.3	2.00 H	251	44.1	-15.9
6	278.85	30.2 PK	46.0	-15.8	1.00 H	108	42.8	-12.6
7	369.43	31.4 PK	46.0	-14.6	3.00 H	360	41.6	-10.2
8	392.71	31.8 PK	46.0	-14.2	3.00 H	0	41.4	-9.6
9	701.05	30.6 PK	46.0	-15.4	1.00 H	140	34.0	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

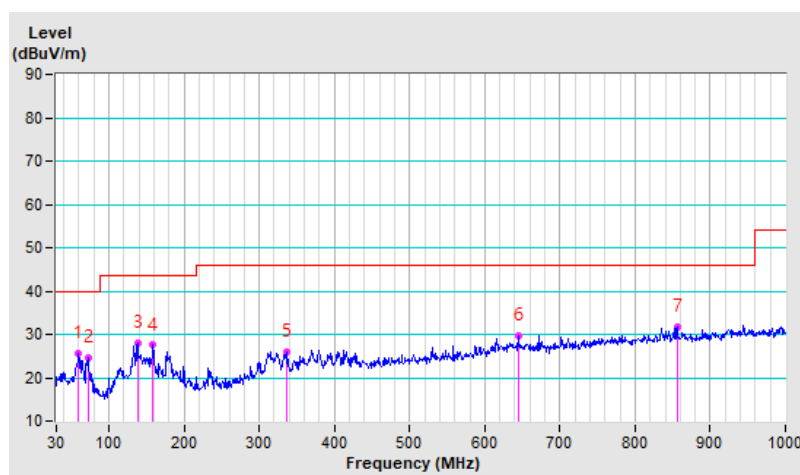


Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.97	25.6 PK	40.0	-14.4	1.00 V	0	39.2	-13.6
2	72.39	24.7 PK	40.0	-15.3	1.00 V	0	40.6	-15.9
3	138.45	28.0 PK	43.5	-15.5	2.00 V	124	41.0	-13.0
4	158.28	27.5 PK	43.5	-16.0	3.00 V	263	40.1	-12.6
5	335.87	25.9 PK	46.0	-20.1	2.00 V	77	36.7	-10.8
6	644.35	29.7 PK	46.0	-16.3	3.00 V	210	33.7	-4.0
7	855.98	31.8 PK	46.0	-14.2	1.00 V	0	32.9	-1.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

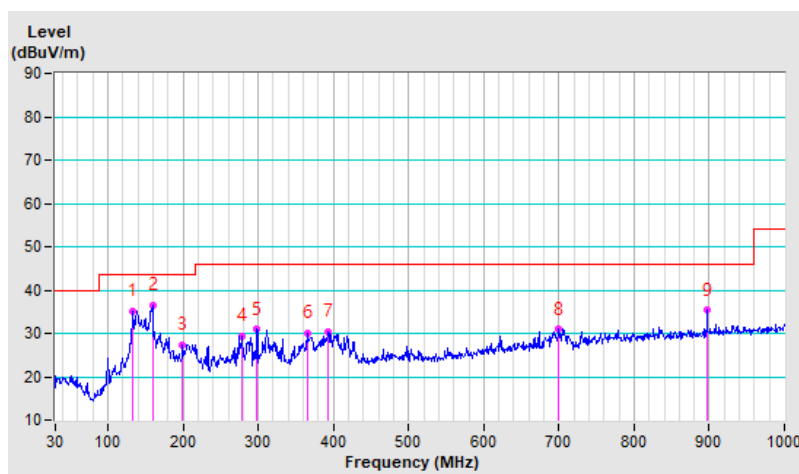
FCC 15.407(WLAN 5G)

Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.94	35.2 PK	43.5	-8.3	3.00 H	343	48.8	-13.6
2	159.11	36.6 PK	43.5	-6.9	2.00 H	346	49.2	-12.6
3	199.24	27.4 PK	43.5	-16.1	2.00 H	235	43.2	-15.8
4	279.02	29.4 PK	46.0	-16.6	1.00 H	161	42.0	-12.6
5	298.67	30.9 PK	46.0	-15.1	2.00 H	119	42.8	-11.9
6	365.11	30.0 PK	46.0	-16.0	1.00 H	185	40.2	-10.2
7	393.58	30.3 PK	46.0	-15.7	3.00 H	109	39.9	-9.6
8	699.98	30.9 PK	46.0	-15.1	1.00 H	161	34.4	-3.5
9	898.1	35.3 PK	46.0	-10.7	2.00 H	360	35.7	-0.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

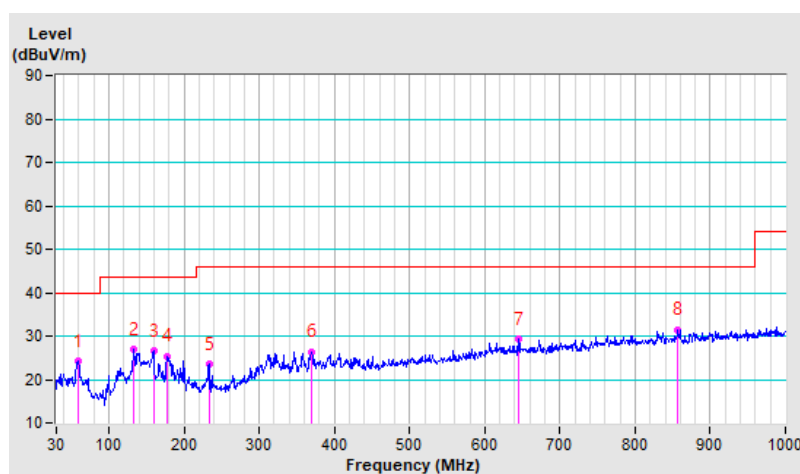


Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.1	24.1 PK	40.0	-15.9	2.00 V	0	37.5	-13.4
2	132.8	26.8 PK	43.5	-16.7	3.00 V	110	40.4	-13.6
3	159.03	26.4 PK	43.5	-17.1	2.00 V	256	39.0	-12.6
4	177.32	25.2 PK	43.5	-18.3	1.00 V	85	39.1	-13.9
5	232.78	23.4 PK	46.0	-22.6	1.00 V	313	38.1	-14.7
6	370.18	26.4 PK	46.0	-19.6	2.00 V	342	36.6	-10.2
7	644.4	29.2 PK	46.0	-16.8	3.00 V	360	33.2	-4.0
8	857.24	31.5 PK	46.0	-14.5	2.00 V	0	32.6	-1.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

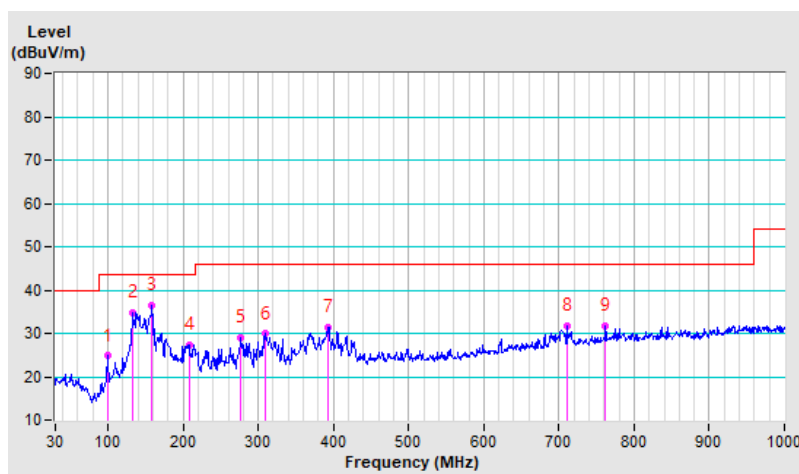
FCC 15.247

Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.65	24.8 PK	43.5	-18.7	2.00 H	212	41.9	-17.1
2	133.01	34.8 PK	43.5	-8.7	3.00 H	360	48.3	-13.5
3	158.26	36.6 PK	43.5	-6.9	2.00 H	0	49.2	-12.6
4	208.14	27.3 PK	43.5	-16.2	2.00 H	83	43.2	-15.9
5	277.08	29.0 PK	46.0	-17.0	1.00 H	77	41.7	-12.7
6	308.97	29.9 PK	46.0	-16.1	1.00 H	100	41.3	-11.4
7	393.6	31.5 PK	46.0	-14.5	1.00 H	85	41.1	-9.6
8	710.07	31.7 PK	46.0	-14.3	1.00 H	149	35.1	-3.4
9	762.03	31.8 PK	46.0	-14.2	1.00 H	128	33.9	-2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

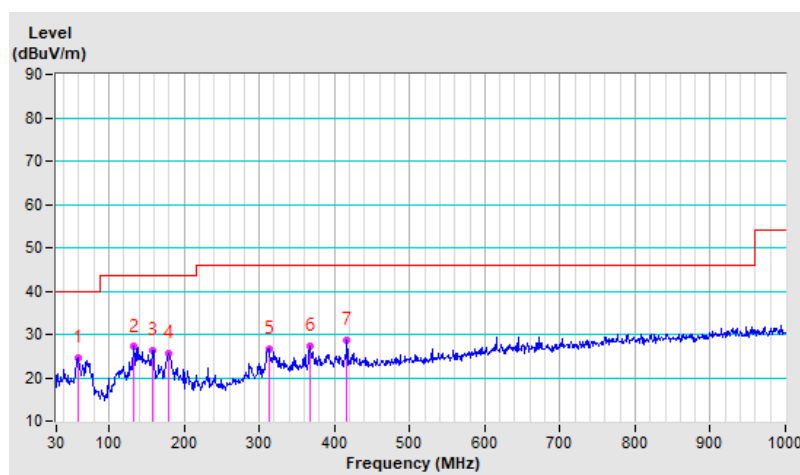


Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59.08	24.6 PK	40.0	-15.4	1.00 V	192	38.0	-13.4
2	132.99	27.2 PK	43.5	-16.3	2.00 V	106	40.8	-13.6
3	158.23	26.4 PK	43.5	-17.1	2.00 V	258	39.0	-12.6
4	179.6	25.6 PK	43.5	-17.9	1.00 V	98	39.7	-14.1
5	312.88	26.7 PK	46.0	-19.3	2.00 V	47	37.9	-11.2
6	367.54	27.3 PK	46.0	-18.7	2.00 V	84	37.5	-10.2
7	416.18	28.7 PK	46.0	-17.3	1.00 V	161	37.6	-8.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

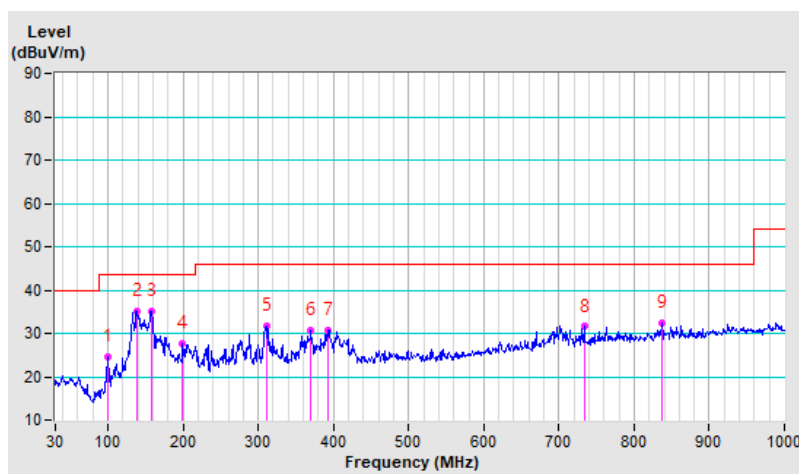
FCC 15.407(WLAN 5G)

Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.69	24.5 PK	43.5	-19.0	3.00 H	179	41.6	-17.1
2	138.16	35.1 PK	43.5	-8.4	2.00 H	360	48.1	-13.0
3	157.85	35.1 PK	43.5	-8.4	1.00 H	0	47.7	-12.6
4	199.19	27.6 PK	43.5	-15.9	1.00 H	248	43.4	-15.8
5	310.55	31.7 PK	46.0	-14.3	1.00 H	97	43.0	-11.3
6	370.15	30.8 PK	46.0	-15.2	2.00 H	360	41.0	-10.2
7	393.19	30.7 PK	46.0	-15.3	1.00 H	124	40.3	-9.6
8	733.66	31.6 PK	46.0	-14.4	1.00 H	156	34.6	-3.0
9	837.52	32.4 PK	46.0	-13.6	1.00 H	326	33.6	-1.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

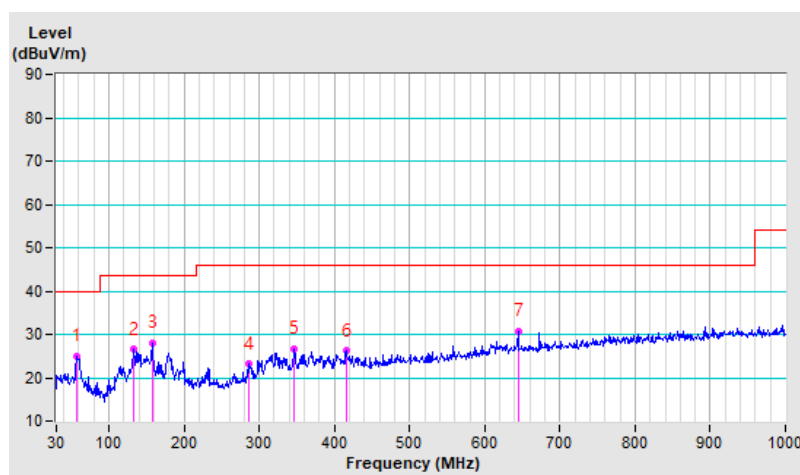


Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	56.99	25.1 PK	40.0	-14.9	1.00 V	186	38.5	-13.4
2	132.77	26.5 PK	43.5	-17.0	2.00 V	97	40.1	-13.6
3	158.91	28.0 PK	43.5	-15.5	3.00 V	216	40.6	-12.6
4	285.98	23.1 PK	46.0	-22.9	2.00 V	166	35.5	-12.4
5	346.95	26.7 PK	46.0	-19.3	2.00 V	74	37.4	-10.7
6	415.72	26.1 PK	46.0	-19.9	1.00 V	177	35.1	-9.0
7	644.33	30.7 PK	46.0	-15.3	2.00 V	154	34.7	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

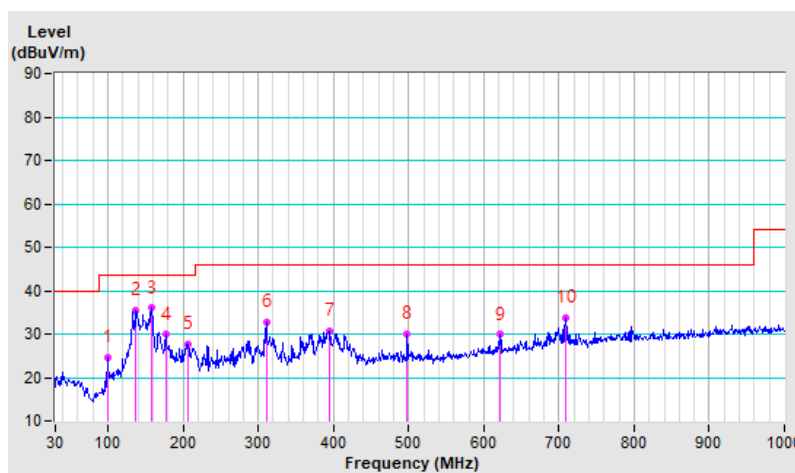
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.77	24.6 PK	43.5	-18.9	2.00 H	198	41.7	-17.1
2	137.35	35.4 PK	43.5	-8.1	2.00 H	37	48.5	-13.1
3	158.31	36.0 PK	43.5	-7.5	2.00 H	352	48.6	-12.6
4	177.37	29.9 PK	43.5	-13.6	2.00 H	46	43.8	-13.9
5	206.71	27.8 PK	43.5	-15.7	1.00 H	94	43.7	-15.9
6	311.13	32.7 PK	46.0	-13.3	1.00 H	98	44.0	-11.3
7	393.92	30.6 PK	46.0	-15.4	1.00 H	102	40.2	-9.6
8	497.86	30.2 PK	46.0	-15.8	1.00 H	0	37.5	-7.3
9	620.92	29.9 PK	46.0	-16.1	3.00 H	242	34.4	-4.5
10	708.3	33.9 PK	46.0	-12.1	1.00 H	144	37.3	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

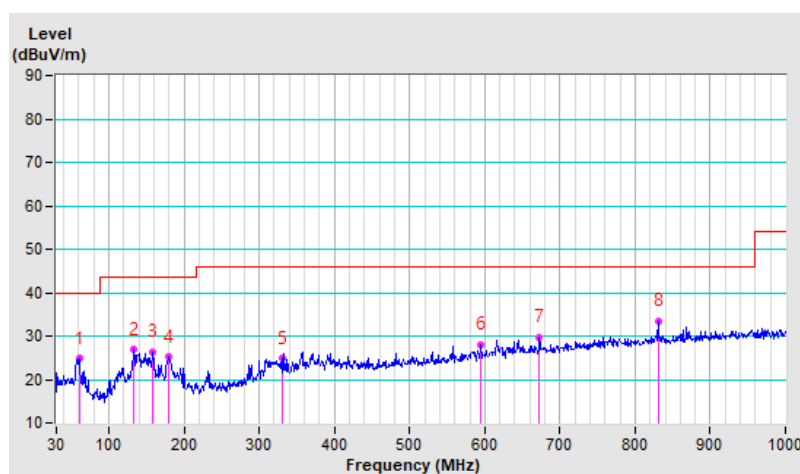


Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	60.48	24.8 PK	40.0	-15.2	2.00 V	0	38.4	-13.6
2	133.06	26.8 PK	43.5	-16.7	2.00 V	113	40.3	-13.5
3	158.91	26.4 PK	43.5	-17.1	2.00 V	248	39.0	-12.6
4	180.16	25.1 PK	43.5	-18.4	1.00 V	132	39.3	-14.2
5	330.19	24.8 PK	46.0	-21.2	2.00 V	72	35.6	-10.8
6	595.29	28.0 PK	46.0	-18.0	1.00 V	262	33.1	-5.1
7	673.01	29.6 PK	46.0	-16.4	3.00 V	128	33.6	-4.0
8	830.57	33.5 PK	46.0	-12.5	2.00 V	0	34.8	-1.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

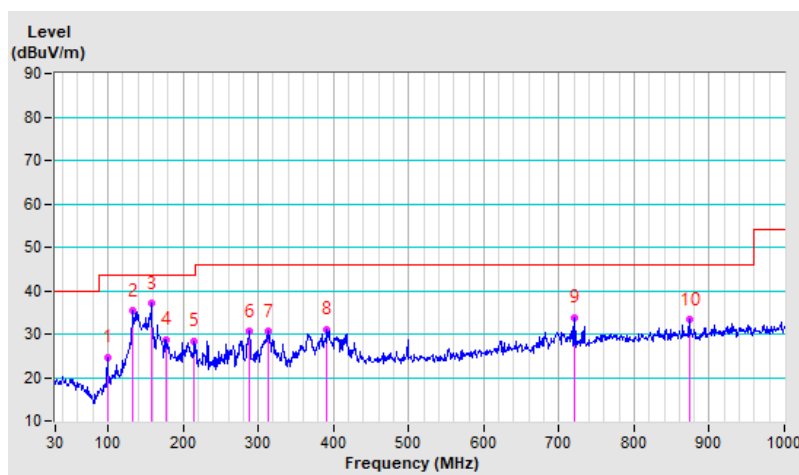
FCC 15.247

Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.6	24.7 PK	43.5	-18.8	3.00 H	33	41.8	-17.1
2	133.06	35.3 PK	43.5	-8.2	3.00 H	16	48.8	-13.5
3	158.19	37.0 PK	43.5	-6.5	1.00 H	0	49.6	-12.6
4	176.79	28.7 PK	43.5	-14.8	2.00 H	360	42.6	-13.9
5	214.86	28.3 PK	43.5	-15.2	1.00 H	45	44.1	-15.8
6	288.02	30.5 PK	46.0	-15.5	1.00 H	116	42.9	-12.4
7	312.66	30.5 PK	46.0	-15.5	1.00 H	116	41.7	-11.2
8	391.16	31.0 PK	46.0	-15.0	1.00 H	103	40.7	-9.7
9	720.32	33.9 PK	46.0	-12.1	1.00 H	143	37.2	-3.3
10	873.17	33.2 PK	46.0	-12.8	1.00 H	320	34.1	-0.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

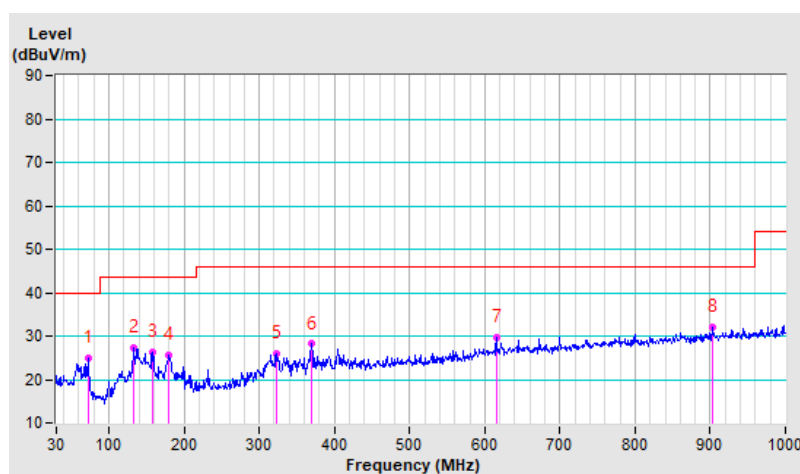


Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.03	24.9 PK	40.0	-15.1	1.00 V	0	40.7	-15.8
2	132.94	27.4 PK	43.5	-16.1	2.00 V	95	41.0	-13.6
3	158.55	26.4 PK	43.5	-17.1	3.00 V	288	39.0	-12.6
4	179.96	25.6 PK	43.5	-17.9	1.00 V	113	39.8	-14.2
5	322.12	26.1 PK	46.0	-19.9	1.00 V	122	37.1	-11.0
6	369.16	28.1 PK	46.0	-17.9	2.00 V	318	38.3	-10.2
7	615.71	29.7 PK	46.0	-16.3	3.00 V	243	34.3	-4.6
8	903.9	32.0 PK	46.0	-14.0	1.00 V	65	32.3	-0.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



Mode C

FCC 15.247

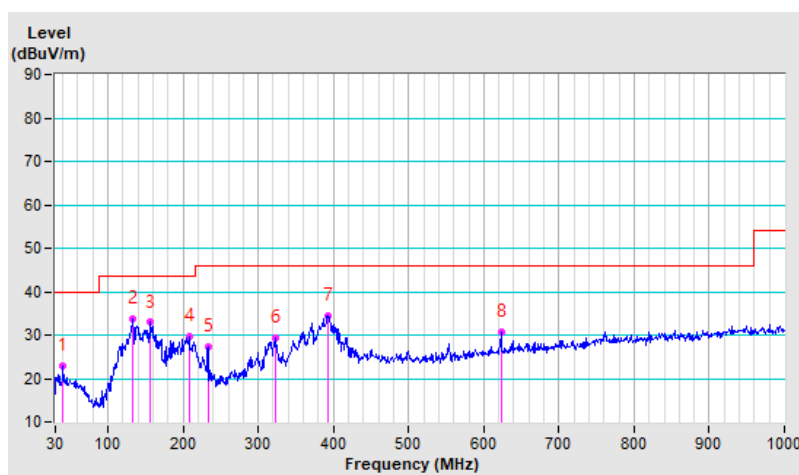
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.97	23.0 PK	40.0	-17.0	3.00 H	68	36.2	-13.2
2	132.8	33.7 PK	43.5	-9.8	2.00 H	62	47.3	-13.6
3	156.85	32.9 PK	43.5	-10.6	2.00 H	200	45.4	-12.5
4	207.87	29.6 PK	43.5	-13.9	1.00 H	70	45.5	-15.9
5	232.8	27.3 PK	46.0	-18.7	1.00 H	261	42.0	-14.7
6	323.45	29.4 PK	46.0	-16.6	1.00 H	238	40.3	-10.9
7	393.22	34.5 PK	46.0	-11.5	1.00 H	213	44.1	-9.6
8	623.37	30.6 PK	46.0	-15.4	3.00 H	0	35.1	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

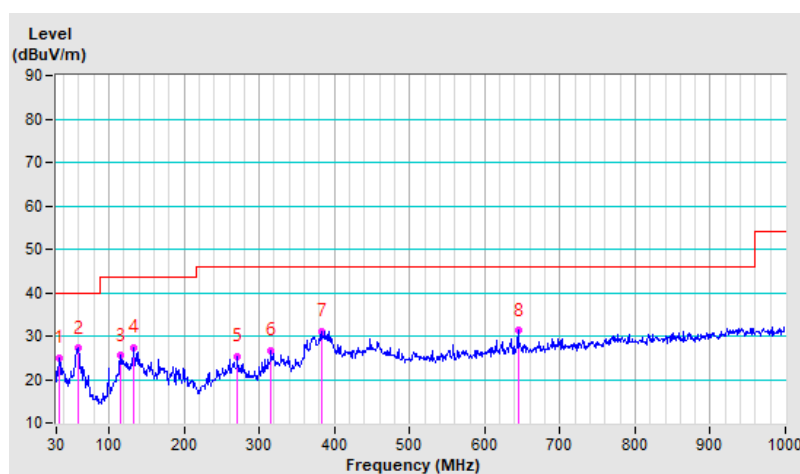


Combination	1		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.93	25.0 PK	40.0	-15.0	1.00 V	137	38.6	-13.6
2	58.32	27.1 PK	40.0	-12.9	1.00 V	353	40.5	-13.4
3	114.87	25.5 PK	43.5	-18.0	1.00 V	245	40.7	-15.2
4	133.01	27.3 PK	43.5	-16.2	1.00 V	316	40.8	-13.5
5	270.85	25.2 PK	46.0	-20.8	3.00 V	0	38.2	-13.0
6	315.81	26.6 PK	46.0	-19.4	2.00 V	167	37.7	-11.1
7	382.91	31.1 PK	46.0	-14.9	3.00 V	0	40.9	-9.8
8	644.33	31.2 PK	46.0	-14.8	2.00 V	269	35.2	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

FCC 15.247

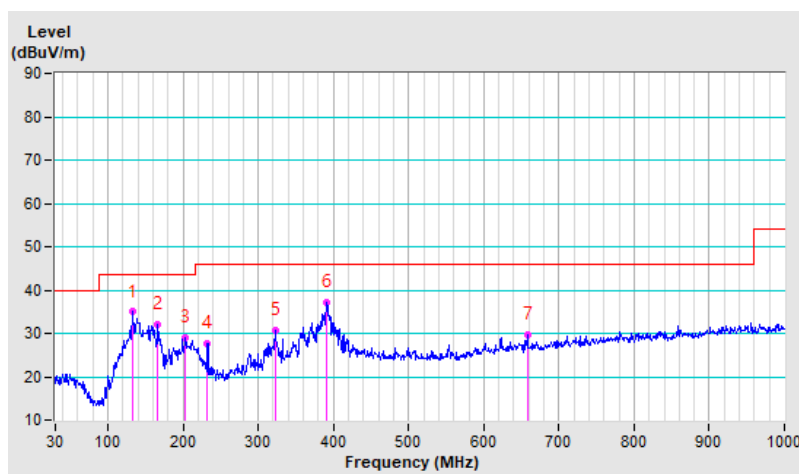
FCC 15.407FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.77	35.0 PK	43.5	-8.5	1.00 H	88	48.6	-13.6
2	166.28	32.0 PK	43.5	-11.5	2.00 H	241	45.0	-13.0
3	202.93	29.1 PK	43.5	-14.4	2.00 H	255	45.0	-15.9
4	232.39	27.7 PK	46.0	-18.3	1.00 H	247	42.5	-14.8
5	322.77	30.7 PK	46.0	-15.3	1.00 H	170	41.7	-11.0
6	391.37	37.2 PK	46.0	-8.8	1.00 H	192	46.9	-9.7
7	657.98	29.8 PK	46.0	-16.2	1.00 H	196	33.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

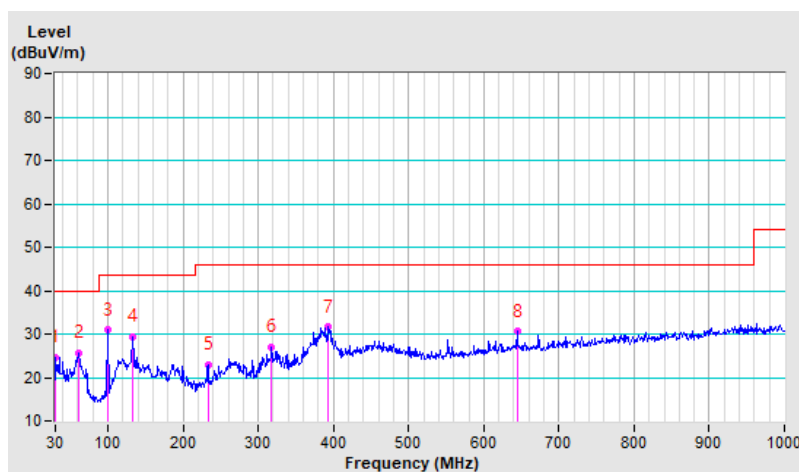


Combination	2		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.56	24.7 PK	40.0	-15.3	1.00 V	131	38.5	-13.8
2	61.62	25.6 PK	40.0	-14.4	2.00 V	360	39.4	-13.8
3	99.77	30.9 PK	43.5	-12.6	2.00 V	360	48.0	-17.1
4	132.84	29.3 PK	43.5	-14.2	1.00 V	348	42.9	-13.6
5	232.83	22.8 PK	46.0	-23.2	1.00 V	360	37.5	-14.7
6	317.24	27.0 PK	46.0	-19.0	2.00 V	193	38.1	-11.1
7	393.53	31.5 PK	46.0	-14.5	1.00 V	204	41.1	-9.6
8	644.35	30.5 PK	46.0	-15.5	3.00 V	290	34.5	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

FCC 15.407(WLAN 5G)

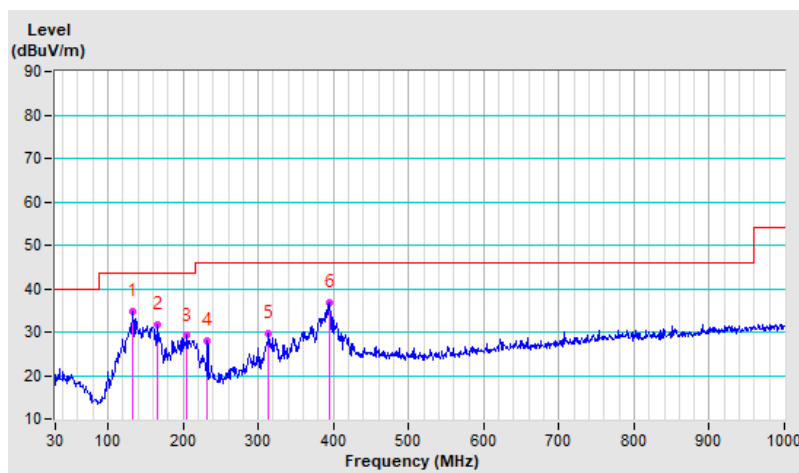
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	132.8	34.9 PK	43.5	-8.6	2.00 H	228	48.5	-13.6
2	166.26	31.8 PK	43.5	-11.7	2.00 H	255	44.8	-13.0
3	205.21	29.2 PK	43.5	-14.3	1.00 H	222	45.1	-15.9
4	232.37	27.9 PK	46.0	-18.1	1.00 H	249	42.7	-14.8
5	312.68	29.7 PK	46.0	-16.3	1.00 H	91	40.9	-11.2
6	393.85	36.7 PK	46.0	-9.3	1.00 H	213	46.3	-9.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

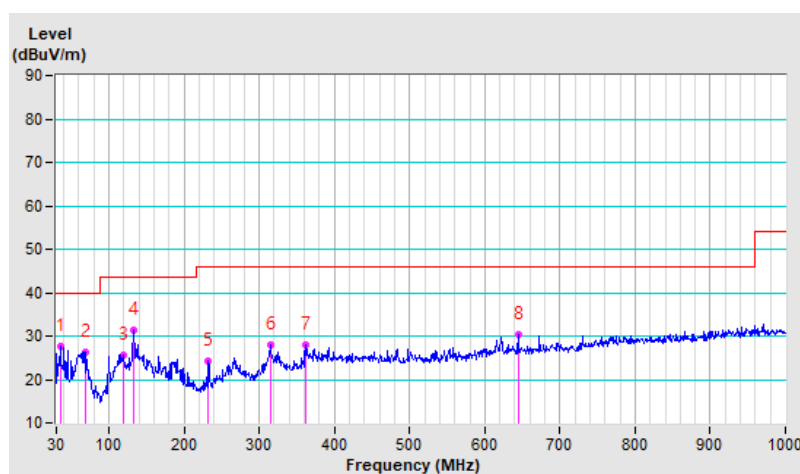


Combination	3		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.29	27.6 PK	40.0	-12.4	1.00 V	192	41.2	-13.6
2	69.45	26.4 PK	40.0	-13.6	1.00 V	360	41.7	-15.3
3	119.12	25.7 PK	43.5	-17.8	1.00 V	274	40.4	-14.7
4	132.82	31.3 PK	43.5	-12.2	2.00 V	66	44.9	-13.6
5	232.54	24.2 PK	46.0	-21.8	1.00 V	49	38.9	-14.7
6	314.45	27.9 PK	46.0	-18.1	2.00 V	202	39.0	-11.1
7	362.08	28.0 PK	46.0	-18.0	2.00 V	155	38.2	-10.2
8	644.35	30.3 PK	46.0	-15.7	2.00 V	0	34.3	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

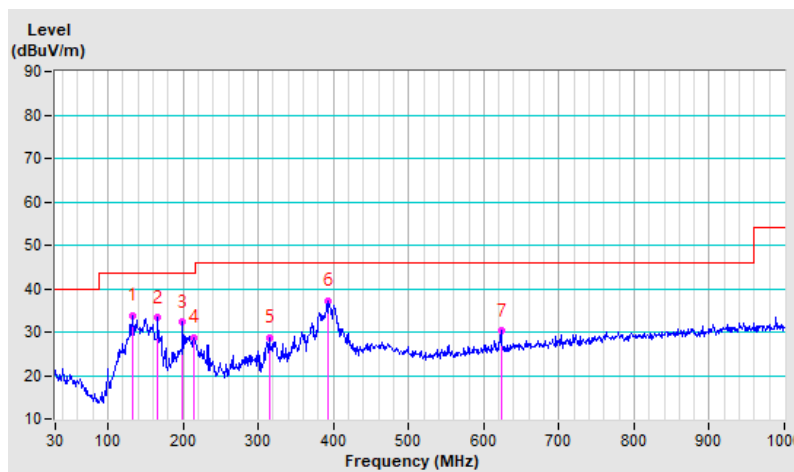
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	133.04	33.7 PK	43.5	-9.8	2.00 H	92	47.2	-13.5
2	166.28	33.2 PK	43.5	-10.3	2.00 H	71	46.2	-13.0
3	199.17	32.2 PK	43.5	-11.3	2.00 H	226	48.0	-15.8
4	214.4	28.6 PK	43.5	-14.9	2.00 H	222	44.4	-15.8
5	314.53	28.7 PK	46.0	-17.3	1.00 H	19	39.8	-11.1
6	391.86	37.2 PK	46.0	-8.8	1.00 H	200	46.9	-9.7
7	623.28	30.2 PK	46.0	-15.8	3.00 H	0	34.7	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

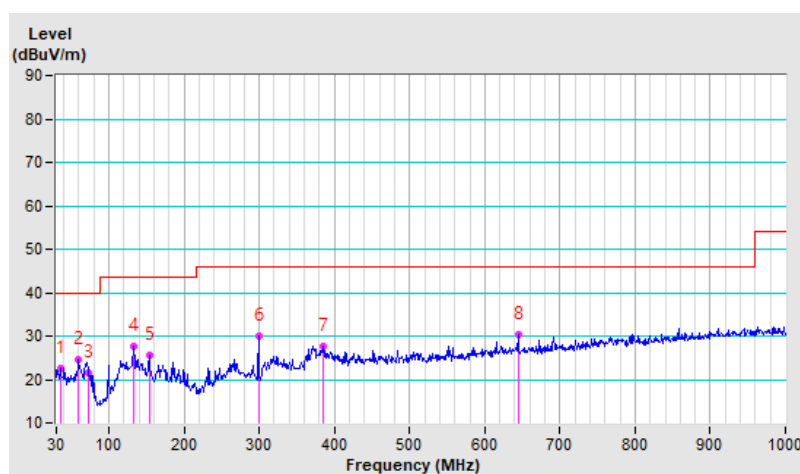


Combination	4		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.31	22.6 PK	40.0	-17.4	1.00 V	119	36.2	-13.6
2	59.78	24.5 PK	40.0	-15.5	1.00 V	360	38.0	-13.5
3	72.63	21.7 PK	40.0	-18.3	1.00 V	360	37.7	-16.0
4	133.01	27.6 PK	43.5	-15.9	1.00 V	357	41.1	-13.5
5	153.58	25.6 PK	43.5	-17.9	1.00 V	324	38.1	-12.5
6	298.79	30.0 PK	46.0	-16.0	1.00 V	121	41.9	-11.9
7	385.07	27.7 PK	46.0	-18.3	2.00 V	42	37.5	-9.8
8	644.37	30.4 PK	46.0	-15.6	3.00 V	136	34.4	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

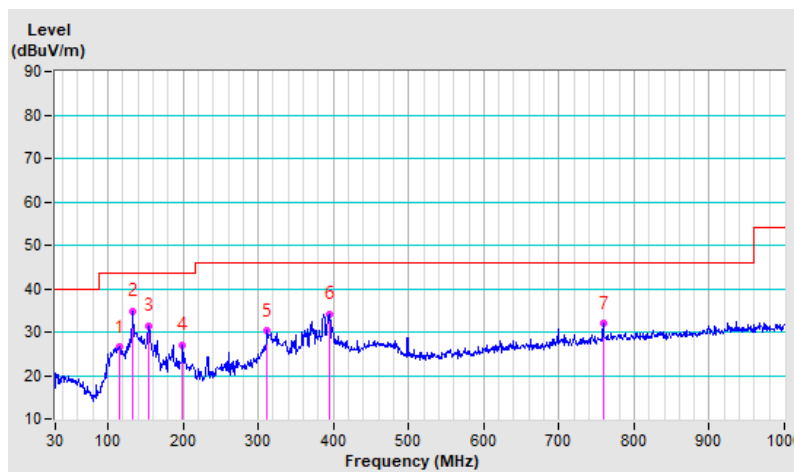
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	114.58	26.5 PK	43.5	-17.0	3.00 H	46	41.7	-15.2
2	133.01	34.9 PK	43.5	-8.6	2.00 H	109	48.4	-13.5
3	154.21	31.3 PK	43.5	-12.2	2.00 H	72	43.7	-12.4
4	199.17	26.9 PK	43.5	-16.6	1.00 H	96	42.7	-15.8
5	312	30.2 PK	46.0	-15.8	1.00 H	188	41.5	-11.3
6	395.52	34.1 PK	46.0	-11.9	1.00 H	172	43.7	-9.6
7	758.93	31.9 PK	46.0	-14.1	1.00 H	147	34.1	-2.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

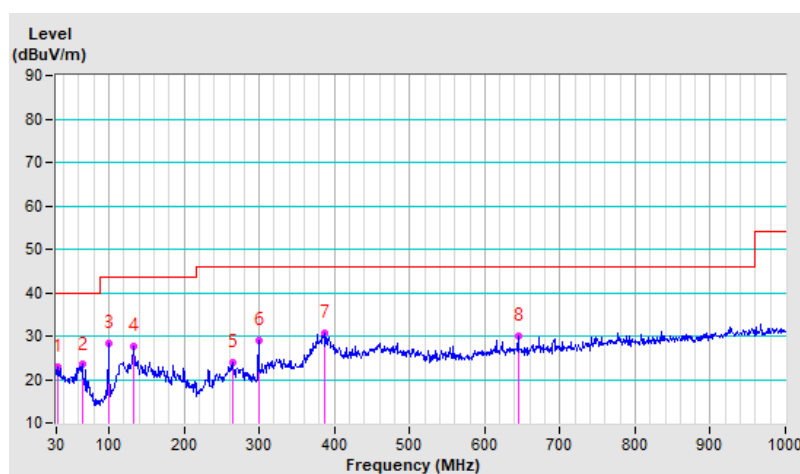


Combination	5		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	32.23	22.8 PK	40.0	-17.2	1.00 V	116	36.6	-13.8
2	64.68	23.4 PK	40.0	-16.6	2.00 V	360	37.8	-14.4
3	99.65	28.3 PK	43.5	-15.2	2.00 V	360	45.4	-17.1
4	133.01	27.7 PK	43.5	-15.8	1.00 V	0	41.2	-13.5
5	264.04	24.0 PK	46.0	-22.0	1.00 V	360	37.3	-13.3
6	298.84	29.1 PK	46.0	-16.9	3.00 V	170	41.0	-11.9
7	386.09	30.7 PK	46.0	-15.3	2.00 V	360	40.5	-9.8
8	644.35	30.1 PK	46.0	-15.9	1.00 V	166	34.1	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

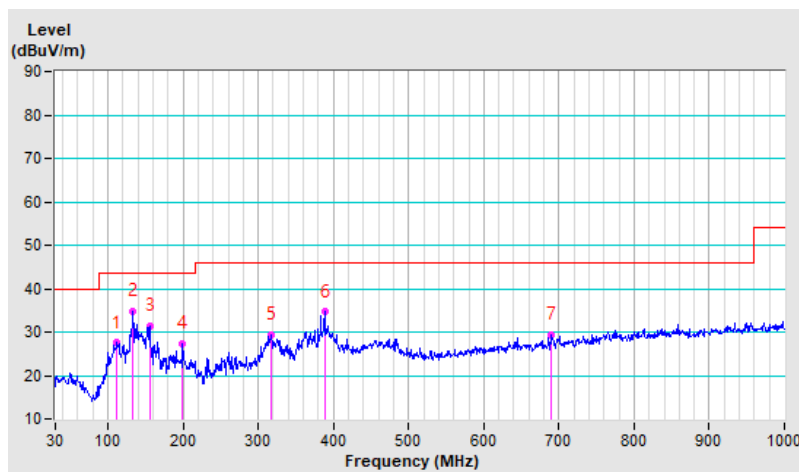
FCC 15.407(WLAN 5G)

Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	111.99	27.5 PK	43.5	-16.0	3.00 H	81	42.9	-15.4
2	132.94	34.7 PK	43.5	-8.8	3.00 H	94	48.3	-13.6
3	155.71	31.3 PK	43.5	-12.2	2.00 H	243	43.9	-12.6
4	199.19	27.4 PK	43.5	-16.1	1.00 H	108	43.2	-15.8
5	317.05	29.4 PK	46.0	-16.6	1.00 H	182	40.5	-11.1
6	388.08	34.6 PK	46.0	-11.4	1.00 H	186	44.3	-9.7
7	690.55	29.3 PK	46.0	-16.7	3.00 H	355	33.0	-3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

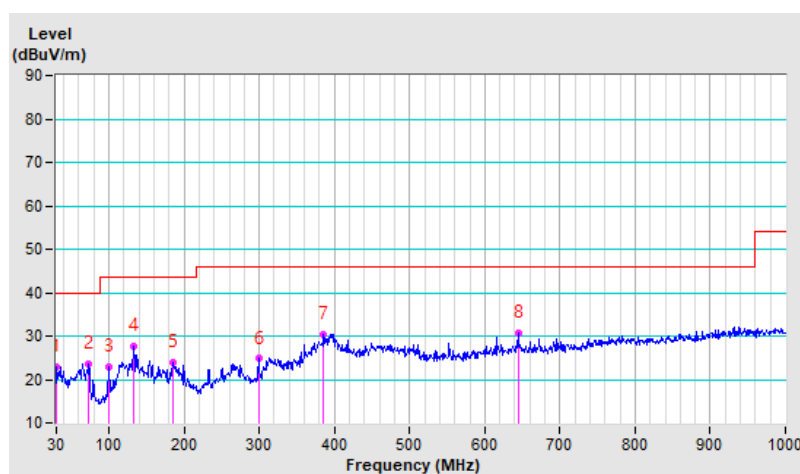


Combination	6		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.61	23.0 PK	40.0	-17.0	1.00 V	132	36.9	-13.9
2	73.36	23.5 PK	40.0	-16.5	1.00 V	360	39.7	-16.2
3	99.79	22.9 PK	43.5	-20.6	1.00 V	218	40.0	-17.1
4	132.92	27.6 PK	43.5	-15.9	1.00 V	300	41.2	-13.6
5	186.15	23.9 PK	43.5	-19.6	1.00 V	249	38.7	-14.8
6	299.32	24.8 PK	46.0	-21.2	3.00 V	84	36.7	-11.9
7	385.97	30.4 PK	46.0	-15.6	1.00 V	360	40.2	-9.8
8	644.35	30.8 PK	46.0	-15.2	2.00 V	0	34.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

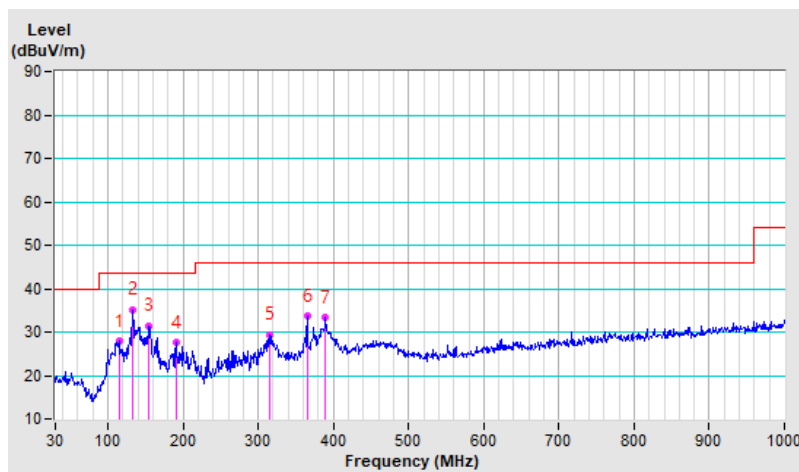
FCC 15.247

Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	114.54	27.8 PK	43.5	-15.7	2.00 H	81	43.0	-15.2
2	132.8	35.1 PK	43.5	-8.4	2.00 H	91	48.7	-13.6
3	154.67	31.3 PK	43.5	-12.2	2.00 H	60	43.8	-12.5
4	190.29	27.5 PK	43.5	-16.0	2.00 H	96	42.8	-15.3
5	314.38	29.3 PK	46.0	-16.7	1.00 H	177	40.4	-11.1
6	365.35	33.6 PK	46.0	-12.4	1.00 H	188	43.8	-10.2
7	389.19	33.3 PK	46.0	-12.7	1.00 H	186	43.0	-9.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

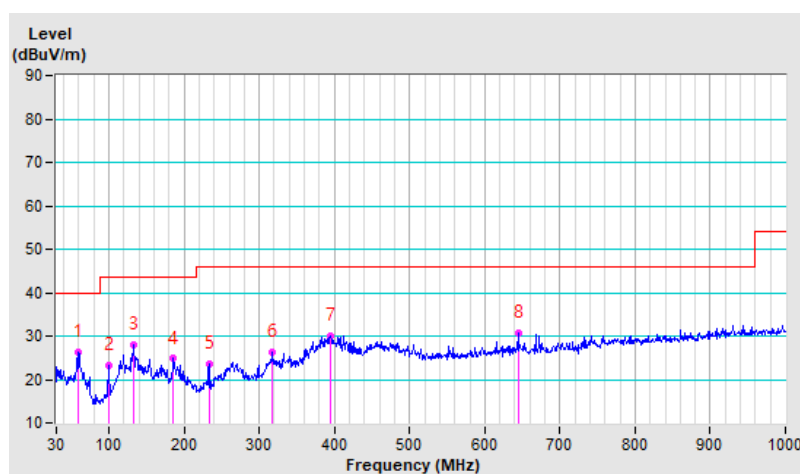


Combination	7		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	59	26.3 PK	40.0	-13.7	2.00 V	360	39.6	-13.3
2	99.69	23.2 PK	43.5	-20.3	1.00 V	231	40.3	-17.1
3	132.8	28.0 PK	43.5	-15.5	1.00 V	1	41.6	-13.6
4	186.15	24.8 PK	43.5	-18.7	1.00 V	281	39.6	-14.8
5	232.8	23.5 PK	46.0	-22.5	1.00 V	360	38.2	-14.7
6	317.8	26.3 PK	46.0	-19.7	2.00 V	142	37.4	-11.1
7	395.25	30.0 PK	46.0	-16.0	1.00 V	105	39.6	-9.6
8	644.35	30.6 PK	46.0	-15.4	2.00 V	109	34.6	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

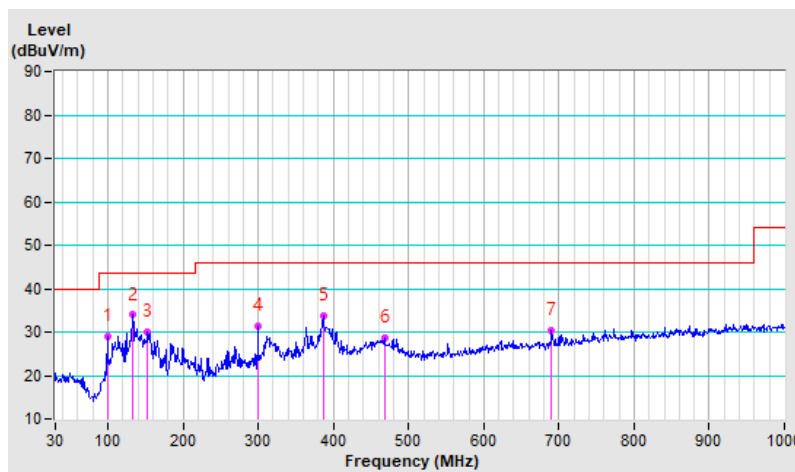
FCC 15.407(WLAN 5G)

Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.67	29.1 PK	43.5	-14.4	3.00 H	154	46.2	-17.1
2	132.99	33.9 PK	43.5	-9.6	2.00 H	92	47.5	-13.6
3	152.37	30.0 PK	43.5	-13.5	2.00 H	77	42.6	-12.6
4	298.74	31.5 PK	46.0	-14.5	1.00 H	116	43.4	-11.9
5	386.52	33.9 PK	46.0	-12.1	2.00 H	192	43.7	-9.8
6	468.03	28.6 PK	46.0	-17.4	2.00 H	159	36.3	-7.7
7	690.11	30.5 PK	46.0	-15.5	2.00 H	159	34.2	-3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

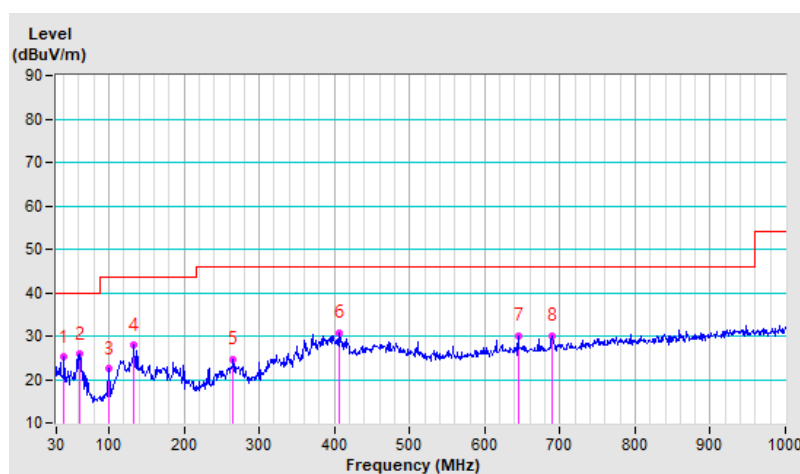


Combination	8		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.99	25.1 PK	40.0	-14.9	1.00 V	2	38.3	-13.2
2	60.26	25.8 PK	40.0	-14.2	2.00 V	360	39.4	-13.6
3	99.77	22.4 PK	43.5	-21.1	1.00 V	224	39.5	-17.1
4	132.97	27.8 PK	43.5	-15.7	1.00 V	224	41.4	-13.6
5	265.59	24.5 PK	46.0	-21.5	2.00 V	360	37.7	-13.2
6	405.68	30.6 PK	46.0	-15.4	1.00 V	97	39.9	-9.3
7	644.28	30.1 PK	46.0	-15.9	1.00 V	255	34.1	-4.0
8	689.04	30.1 PK	46.0	-15.9	1.00 V	249	33.8	-3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.247

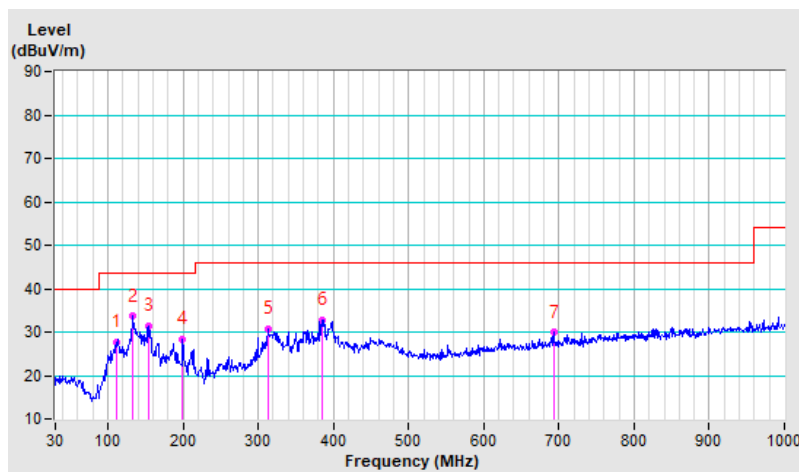
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	110.58	27.7 PK	43.5	-15.8	3.00 H	67	43.3	-15.6
2	132.82	33.6 PK	43.5	-9.9	2.00 H	70	47.2	-13.6
3	154.04	31.3 PK	43.5	-12.2	2.00 H	248	43.7	-12.4
4	199.19	28.3 PK	43.5	-15.2	1.00 H	106	44.1	-15.8
5	313.22	30.7 PK	46.0	-15.3	1.00 H	181	41.9	-11.2
6	384.83	32.7 PK	46.0	-13.3	3.00 H	158	42.5	-9.8
7	692.58	29.9 PK	46.0	-16.1	3.00 H	322	33.5	-3.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

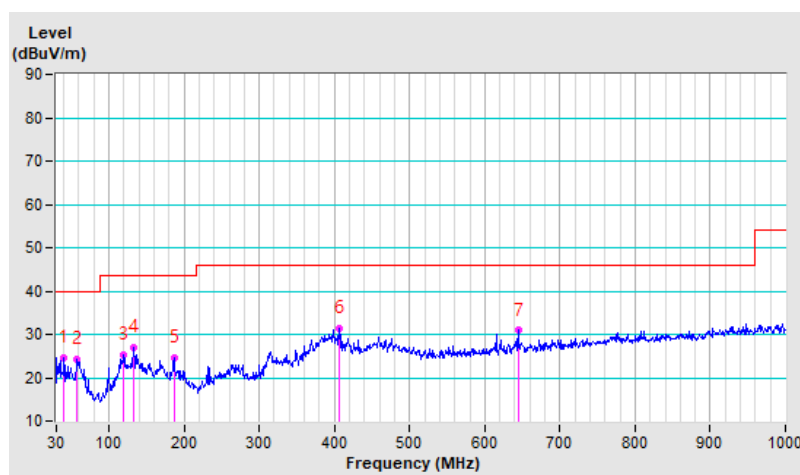


Combination	9		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.97	24.6 PK	40.0	-15.4	1.00 V	123	37.8	-13.2
2	57.86	24.3 PK	40.0	-15.7	2.00 V	360	37.7	-13.4
3	119.99	25.2 PK	43.5	-18.3	1.00 V	267	39.8	-14.6
4	132.82	27.0 PK	43.5	-16.5	1.00 V	350	40.6	-13.6
5	186.36	24.5 PK	43.5	-19.0	1.00 V	360	39.3	-14.8
6	406.77	31.5 PK	46.0	-14.5	1.00 V	128	40.8	-9.3
7	644.35	30.9 PK	46.0	-15.1	2.00 V	99	34.9	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



FCC 15.407(WLAN 6G)

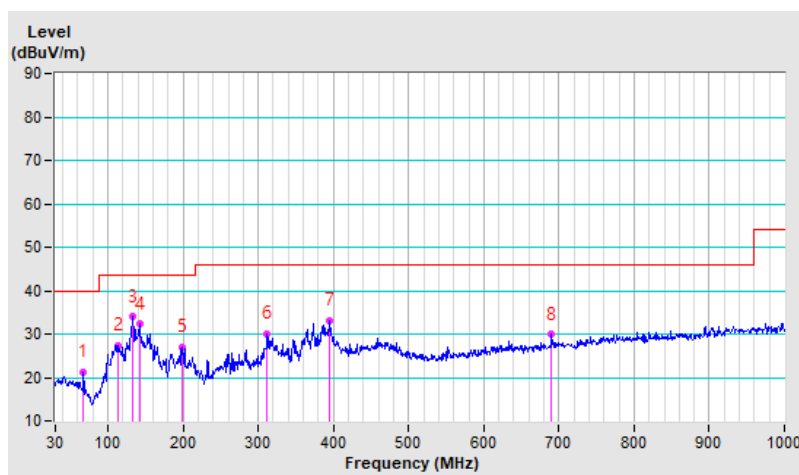
FCC 15.247

Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	67.54	21.3 PK	40.0	-18.7	2.00 H	360	36.1	-14.8
2	114.2	27.4 PK	43.5	-16.1	3.00 H	54	42.6	-15.2
3	132.8	33.9 PK	43.5	-9.6	2.00 H	101	47.5	-13.6
4	141.72	32.2 PK	43.5	-11.3	2.00 H	51	45.1	-12.9
5	199.22	27.1 PK	43.5	-16.4	1.00 H	64	42.9	-15.8
6	312.03	30.0 PK	46.0	-16.0	1.00 H	157	41.3	-11.3
7	395.59	33.2 PK	46.0	-12.8	1.00 H	159	42.8	-9.6
8	689.92	29.8 PK	46.0	-16.2	2.00 H	146	33.5	-3.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

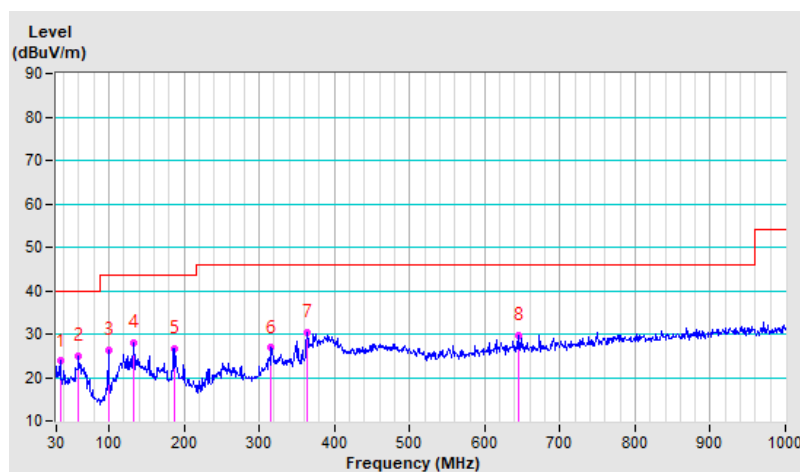


Combination	10		
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	PK: RB=120 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.26	23.7 PK	40.0	-16.3	1.00 V	149	37.3	-13.6
2	59.97	25.0 PK	40.0	-15.0	1.00 V	360	38.6	-13.6
3	99.67	26.2 PK	43.5	-17.3	2.00 V	323	43.3	-17.1
4	132.82	28.0 PK	43.5	-15.5	1.00 V	200	41.6	-13.6
5	186.17	26.7 PK	43.5	-16.8	1.00 V	16	41.5	-14.8
6	315.69	26.8 PK	46.0	-19.2	2.00 V	191	37.9	-11.1
7	363.95	30.5 PK	46.0	-15.5	2.00 V	185	40.7	-10.2
8	644.37	29.8 PK	46.0	-16.2	3.00 V	3	33.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.2 Unwanted Emissions above 1 GHz

Mode A

FCC 15.247

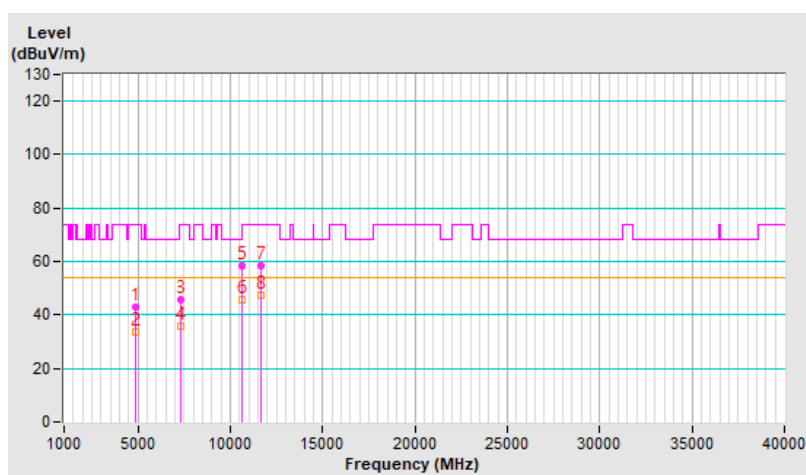
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.8 PK	74.0	-31.2	3.62 H	202	40.4	2.4
2	4880	33.8 AV	54.0	-20.2	3.62 H	202	31.4	2.4
3	7320	45.8 PK	74.0	-28.2	3.83 H	343	38.4	7.4
4	7320	35.7 AV	54.0	-18.3	3.83 H	343	28.3	7.4
5	10600	58.4 PK	74.0	-15.6	2.23 H	329	46.8	11.6
6	10600	45.7 AV	54.0	-8.3	2.23 H	329	34.1	11.6
7	11650	58.3 PK	74.0	-15.7	2.45 H	303	46.8	11.5
8	11650	47.1 AV	54.0	-6.9	2.45 H	303	35.6	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

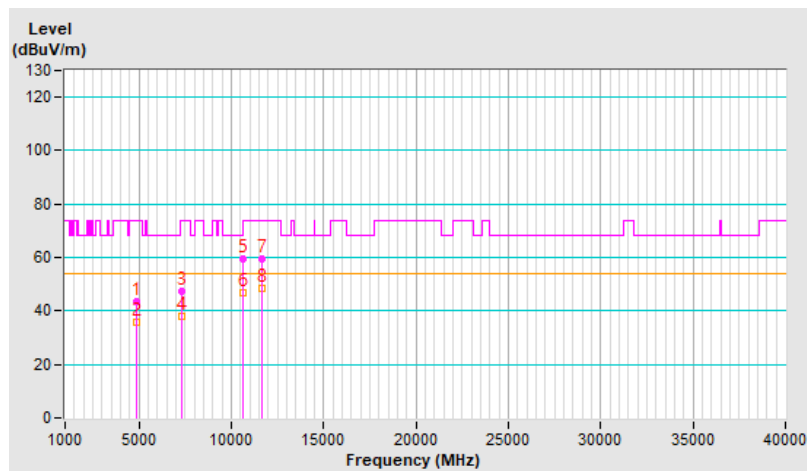


Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.5 PK	74.0	-30.5	1.96 V	231	41.1	2.4
2	4880	35.9 AV	54.0	-18.1	1.96 V	231	33.5	2.4
3	7320	47.6 PK	74.0	-26.4	4.00 V	235	40.2	7.4
4	7320	37.8 AV	54.0	-16.2	4.00 V	235	30.4	7.4
5	10600	59.4 PK	74.0	-14.6	1.18 V	34	47.8	11.6
6	10600	47.0 AV	54.0	-7.0	1.18 V	34	35.4	11.6
7	11650	59.4 PK	74.0	-14.6	1.24 V	306	47.9	11.5
8	11650	48.2 AV	54.0	-5.8	1.24 V	306	36.7	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



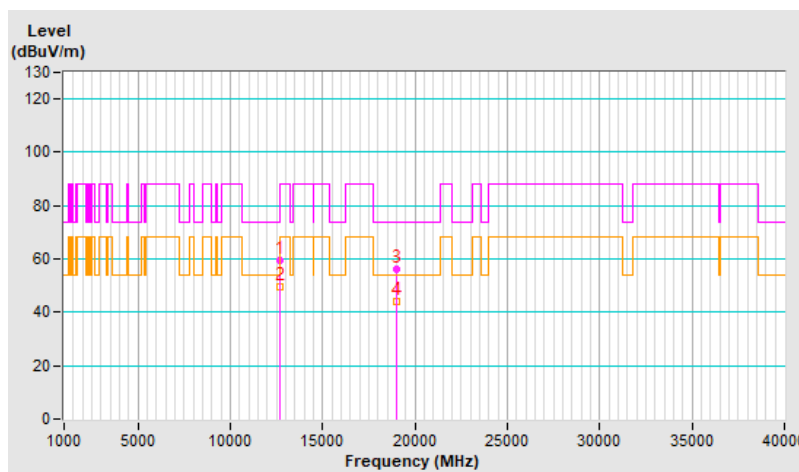
FCC 15.407(WLAN 6G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.4 PK	74.0	-14.6	3.93 H	310	46.5	12.9
2	12690	49.4 AV	54.0	-4.6	3.93 H	310	36.5	12.9
3	19035	56.2 PK	74.0	-17.8	3.68 H	28	60.1	-3.9
4	19035	44.1 AV	54.0	-9.9	3.68 H	28	48.0	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

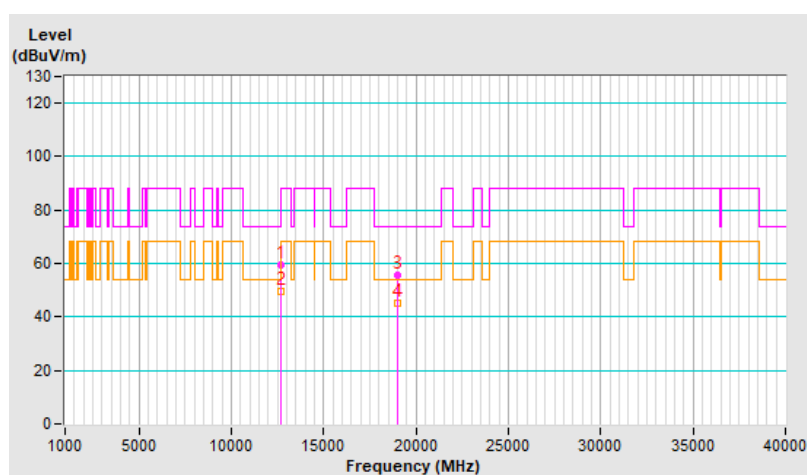


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.4 PK	74.0	-14.6	2.57 V	63	46.5	12.9
2	12690	49.5 AV	54.0	-4.5	2.57 V	63	36.6	12.9
3	19035	55.7 PK	74.0	-18.3	1.25 V	297	59.6	-3.9
4	19035	44.9 AV	54.0	-9.1	1.25 V	297	48.8	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

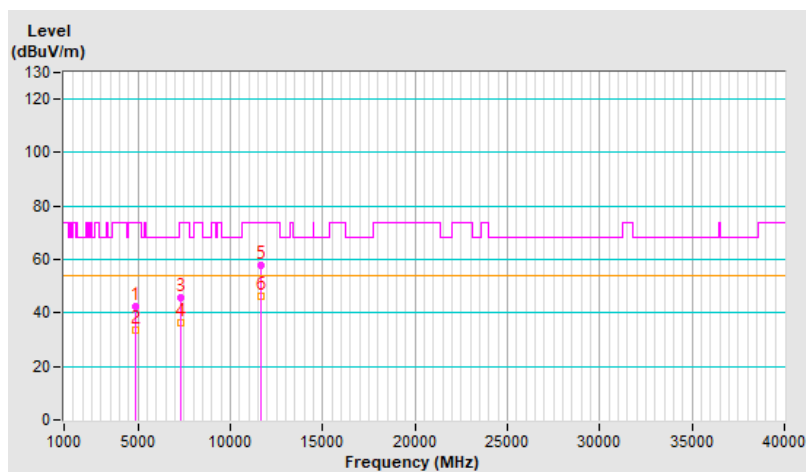
FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.5 PK	74.0	-31.5	3.79 H	183	40.1	2.4
2	4880	33.8 AV	54.0	-20.2	3.79 H	183	31.4	2.4
3	7320	45.9 PK	74.0	-28.1	3.41 H	355	38.5	7.4
4	7320	36.1 AV	54.0	-17.9	3.41 H	355	28.7	7.4
5	11650	57.7 PK	74.0	-16.3	2.22 H	308	46.2	11.5
6	11650	46.2 AV	54.0	-7.8	2.22 H	308	34.7	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

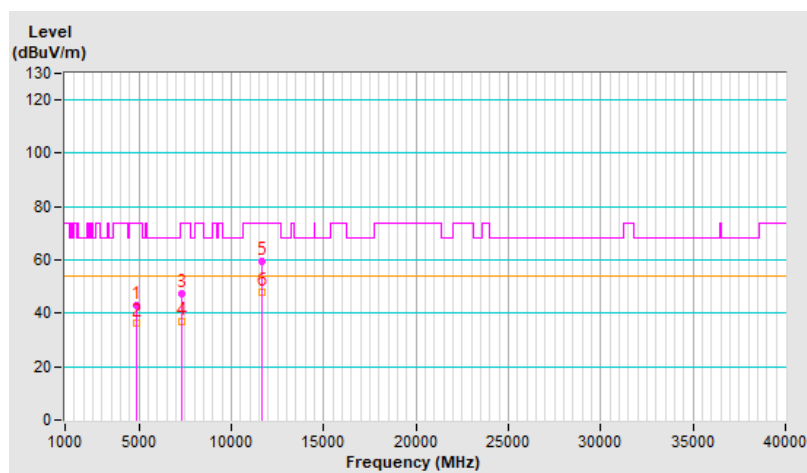


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.8 PK	74.0	-31.2	1.77 V	232	40.4	2.4
2	4880	36.2 AV	54.0	-17.8	1.77 V	232	33.8	2.4
3	7320	47.4 PK	74.0	-26.6	4.00 V	238	40.0	7.4
4	7320	37.1 AV	54.0	-16.9	4.00 V	238	29.7	7.4
5	11650	59.7 PK	74.0	-14.3	1.18 V	325	48.2	11.5
6	11650	48.1 AV	54.0	-5.9	1.18 V	325	36.6	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

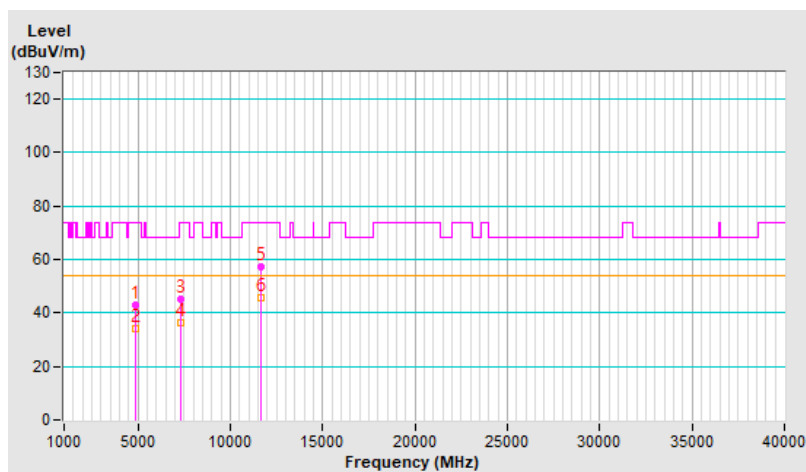
FCC 15.407(WLAN 5G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.0 PK	74.0	-31.0	3.91 H	213	40.6	2.4
2	4880	34.0 AV	54.0	-20.0	3.91 H	213	31.6	2.4
3	7320	45.4 PK	74.0	-28.6	3.78 H	338	38.0	7.4
4	7320	36.2 AV	54.0	-17.8	3.78 H	338	28.8	7.4
5	11650	57.4 PK	74.0	-16.6	2.24 H	320	45.9	11.5
6	11650	45.5 AV	54.0	-8.5	2.24 H	320	34.0	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

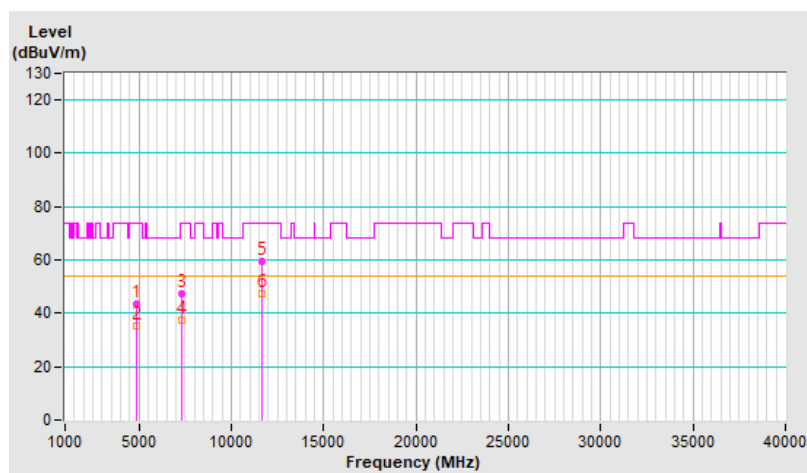


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.6 PK	74.0	-30.4	1.66 V	226	41.2	2.4
2	4880	35.4 AV	54.0	-18.6	1.66 V	226	33.0	2.4
3	7320	47.5 PK	74.0	-26.5	3.98 V	219	40.1	7.4
4	7320	37.2 AV	54.0	-16.8	3.98 V	219	29.8	7.4
5	11650	59.3 PK	74.0	-14.7	1.37 V	298	47.8	11.5
6	11650	47.4 AV	54.0	-6.6	1.37 V	298	35.9	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



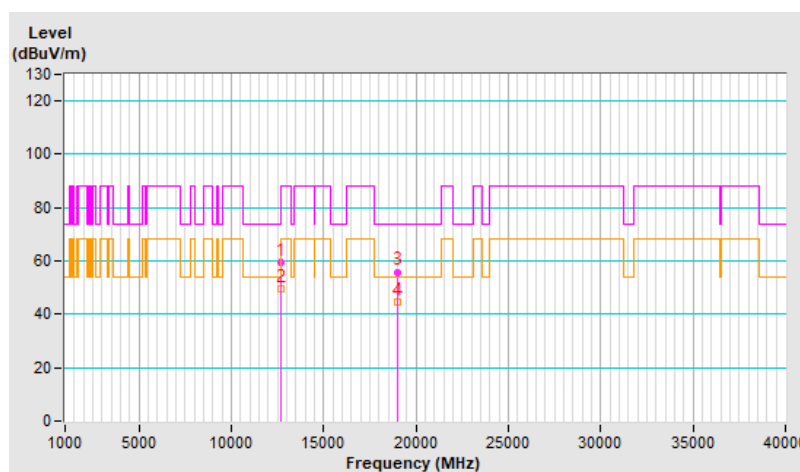
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.4 PK	74.0	-14.6	3.49 H	318	46.5	12.9
2	12690	49.7 AV	54.0	-4.3	3.49 H	318	36.8	12.9
3	19035	55.9 PK	74.0	-18.1	3.60 H	2	59.8	-3.9
4	19035	44.5 AV	54.0	-9.5	3.60 H	2	48.4	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

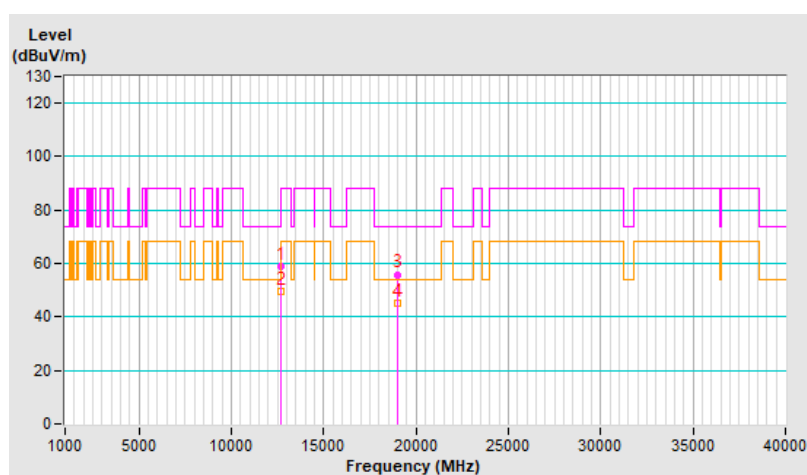


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.0 PK	74.0	-15.0	2.09 V	10	46.1	12.9
2	12690	49.5 AV	54.0	-4.5	2.09 V	10	36.6	12.9
3	19035	55.9 PK	74.0	-18.1	1.50 V	299	59.8	-3.9
4	19035	45.0 AV	54.0	-9.0	1.50 V	299	48.9	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

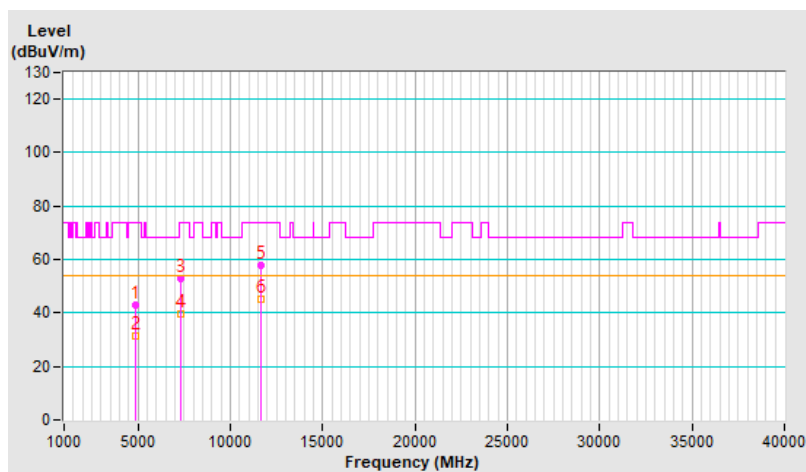
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	43.0 PK	74.0	-31.0	1.24 H	334	40.6	2.4
2	4874	31.6 AV	54.0	-22.4	1.24 H	334	29.2	2.4
3	7311	53.0 PK	74.0	-21.0	1.00 H	32	45.6	7.4
4	7311	39.4 AV	54.0	-14.6	1.00 H	32	32.0	7.4
5	11650	57.6 PK	74.0	-16.4	2.41 H	319	46.1	11.5
6	11650	45.4 AV	54.0	-8.6	2.41 H	319	33.9	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

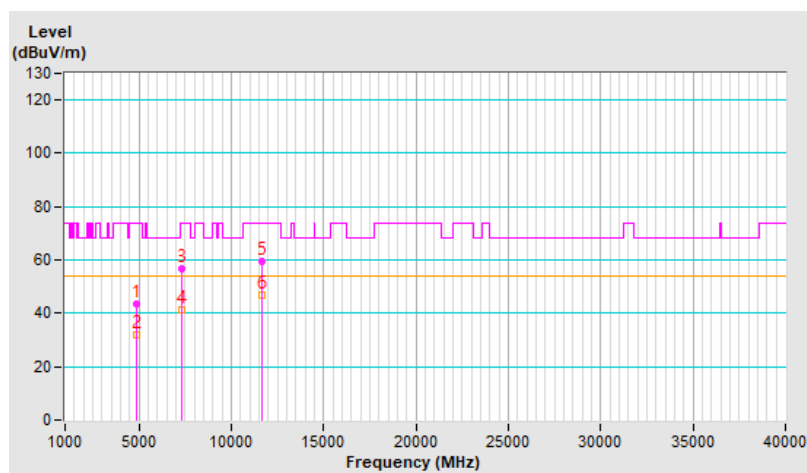


Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	43.7 PK	74.0	-30.3	2.47 V	110	41.3	2.4
2	4874	31.9 AV	54.0	-22.1	2.47 V	110	29.5	2.4
3	7311	56.7 PK	74.0	-17.3	1.25 V	112	49.3	7.4
4	7311	41.2 AV	54.0	-12.8	1.25 V	112	33.8	7.4
5	11650	59.5 PK	74.0	-14.5	1.26 V	304	48.0	11.5
6	11650	46.8 AV	54.0	-7.2	1.26 V	304	35.3	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



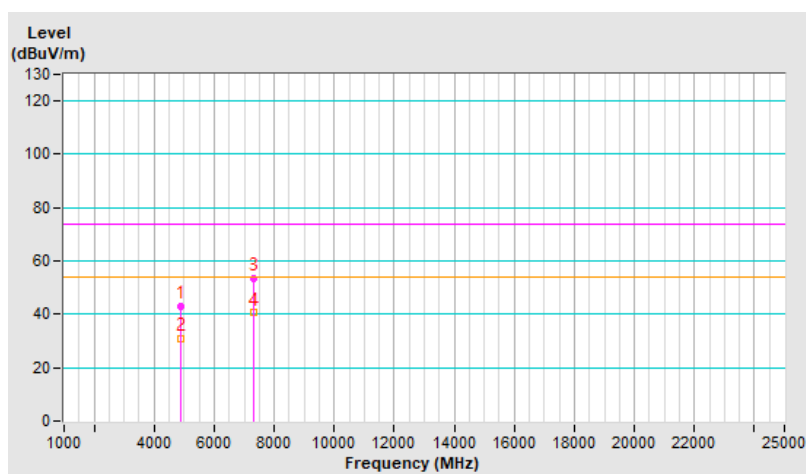
FCC 15.247

Combination	5		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	43.2 PK	74.0	-30.8	1.03 H	360	40.8	2.4
2	4874	31.1 AV	54.0	-22.9	1.03 H	360	28.7	2.4
3	7311	53.7 PK	74.0	-20.3	1.34 H	52	46.3	7.4
4	7311	40.6 AV	54.0	-13.4	1.34 H	52	33.2	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

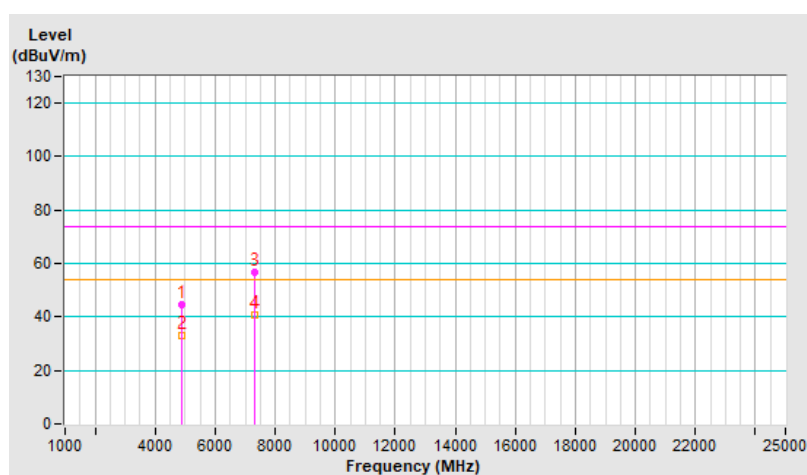


Combination	5		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	44.6 PK	74.0	-29.4	2.47 V	110	42.2	2.4
2	4874	32.9 AV	54.0	-21.1	2.47 V	110	30.5	2.4
3	7311	56.7 PK	74.0	-17.3	1.25 V	112	49.3	7.4
4	7311	40.9 AV	54.0	-13.1	1.25 V	112	33.5	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



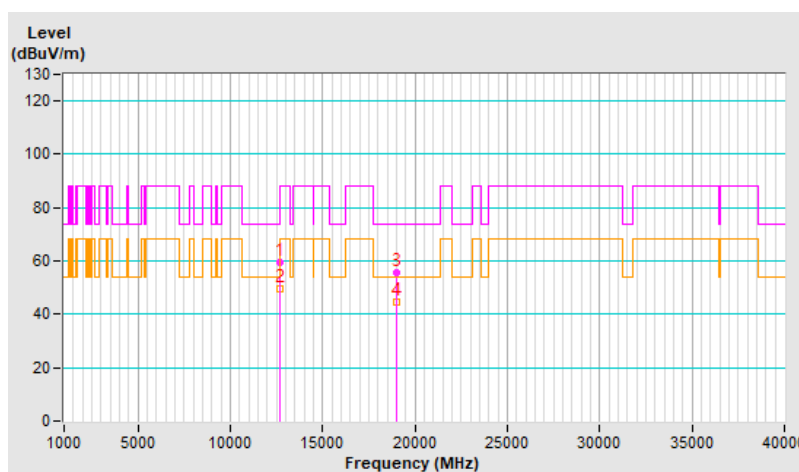
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.4 PK	74.0	-14.6	3.48 H	304	46.5	12.9
2	12690	49.6 AV	54.0	-4.4	3.48 H	304	36.7	12.9
3	19035	55.8 PK	74.0	-18.2	3.59 H	53	59.7	-3.9
4	19035	44.4 AV	54.0	-9.6	3.59 H	53	48.3	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

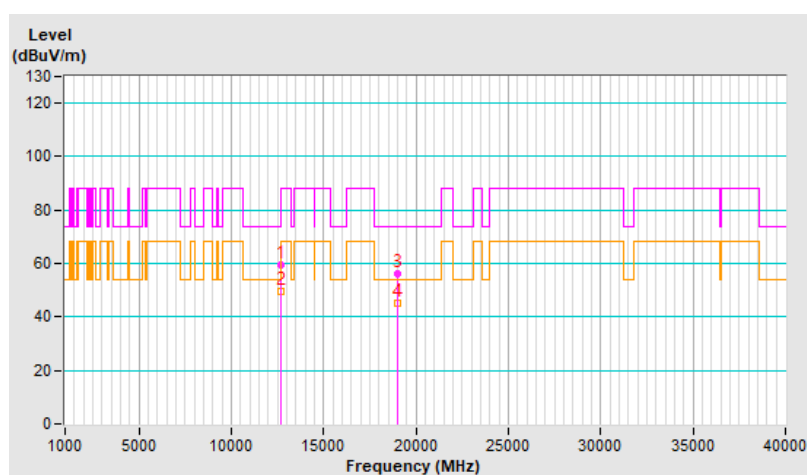


Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.4 PK	74.0	-14.6	2.22 V	28	46.5	12.9
2	12690	49.5 AV	54.0	-4.5	2.22 V	28	36.6	12.9
3	19035	56.0 PK	74.0	-18.0	1.58 V	328	59.9	-3.9
4	19035	44.9 AV	54.0	-9.1	1.58 V	328	48.8	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

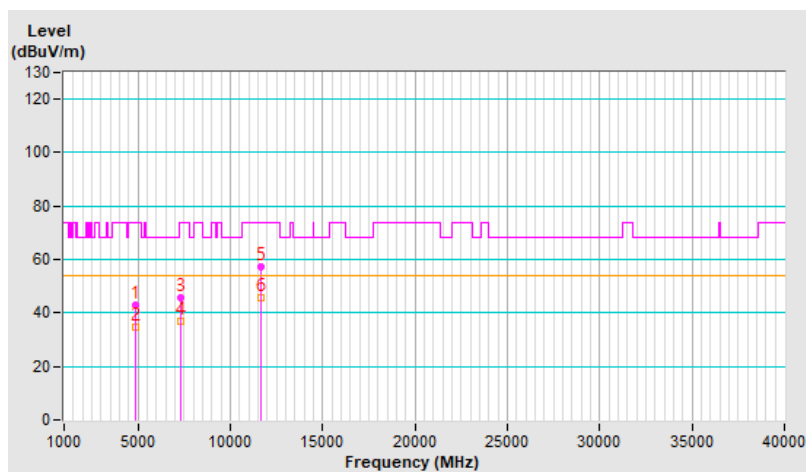
FCC 15.247

Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.9 PK	74.0	-31.1	3.96 H	200	40.5	2.4
2	4880	34.9 AV	54.0	-19.1	3.96 H	200	32.5	2.4
3	7320	45.5 PK	74.0	-28.5	3.70 H	360	38.1	7.4
4	7320	36.9 AV	54.0	-17.1	3.70 H	360	29.5	7.4
5	11650	57.4 PK	74.0	-16.6	2.27 H	287	45.9	11.5
6	11650	45.6 AV	54.0	-8.4	2.27 H	287	34.1	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

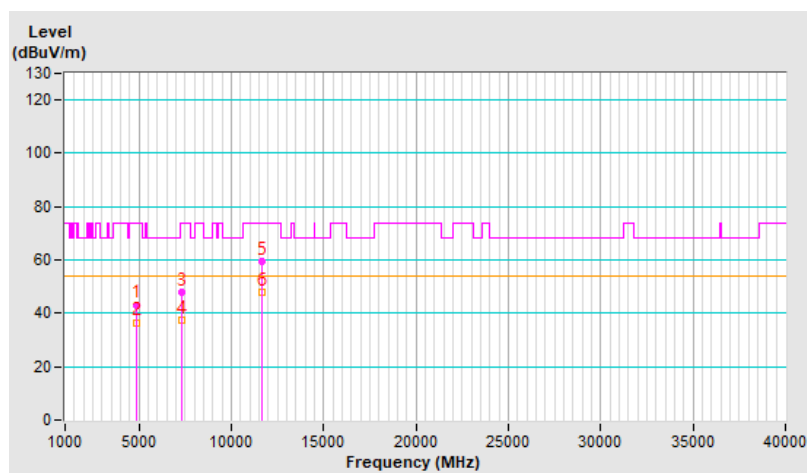


Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.2 PK	74.0	-30.8	1.74 V	224	40.8	2.4
2	4880	36.6 AV	54.0	-17.4	1.74 V	224	34.2	2.4
3	7320	48.0 PK	74.0	-26.0	3.12 V	212	40.6	7.4
4	7320	37.5 AV	54.0	-16.5	3.12 V	212	30.1	7.4
5	11650	59.6 PK	74.0	-14.4	1.12 V	283	48.1	11.5
6	11650	47.9 AV	54.0	-6.1	1.12 V	283	36.4	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



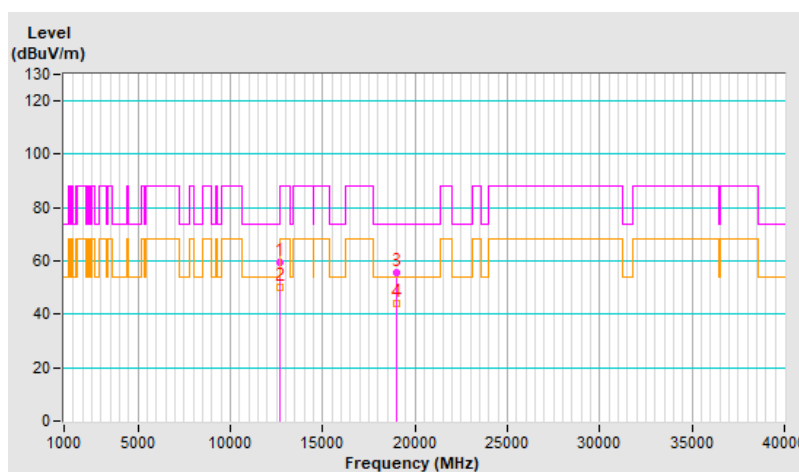
FCC 15.407(WLAN 6G)

Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.6 PK	74.0	-14.4	3.43 H	342	46.7	12.9
2	12690	50.3 AV	54.0	-3.7	3.43 H	342	37.4	12.9
3	19035	55.6 PK	74.0	-18.4	3.51 H	35	59.5	-3.9
4	19035	43.9 AV	54.0	-10.1	3.51 H	35	47.8	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

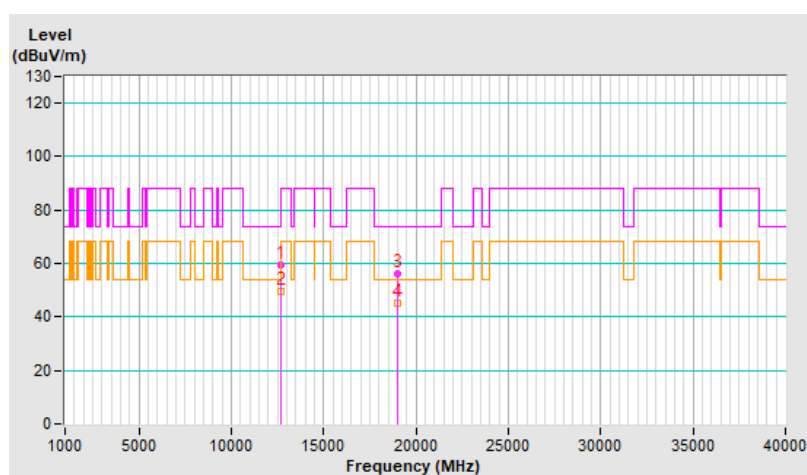


Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	59.3 PK	74.0	-14.7	2.35 V	23	46.4	12.9
2	12690	49.5 AV	54.0	-4.5	2.35 V	23	36.6	12.9
3	19035	56.1 PK	74.0	-17.9	1.29 V	297	60.0	-3.9
4	19035	44.9 AV	54.0	-9.1	1.29 V	297	48.8	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



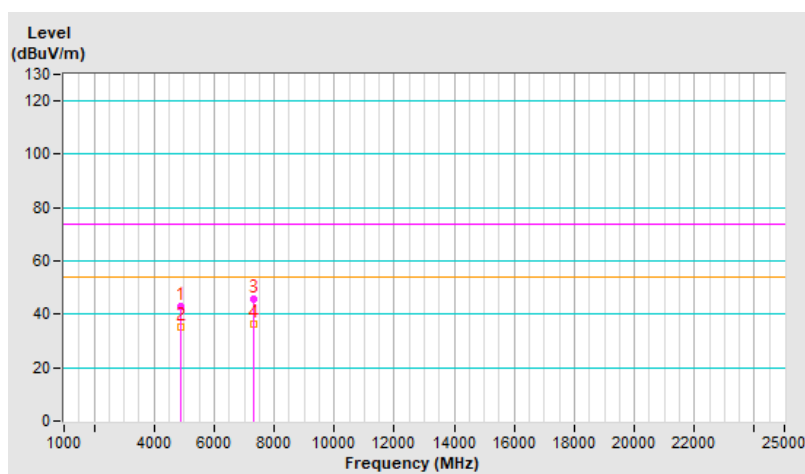
FCC 15.247

Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.1 PK	74.0	-30.9	3.88 H	199	40.7	2.4
2	4880	35.0 AV	54.0	-19.0	3.88 H	199	32.6	2.4
3	7320	45.6 PK	74.0	-28.4	3.52 H	344	38.2	7.4
4	7320	36.1 AV	54.0	-17.9	3.52 H	344	28.7	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

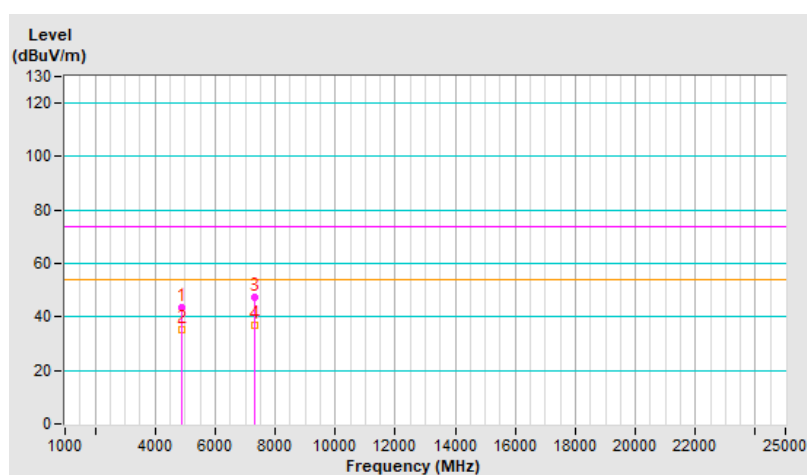


Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.6 PK	74.0	-30.4	1.69 V	235	41.2	2.4
2	4880	35.4 AV	54.0	-18.6	1.69 V	235	33.0	2.4
3	7320	47.3 PK	74.0	-26.7	3.94 V	238	39.9	7.4
4	7320	36.7 AV	54.0	-17.3	3.94 V	238	29.3	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

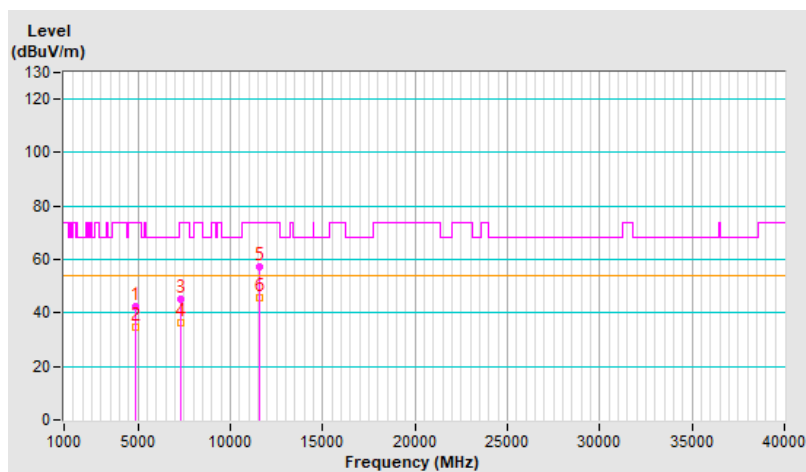
FCC 15.247

Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.4 PK	74.0	-31.6	4.00 H	237	40.0	2.4
2	4880	34.8 AV	54.0	-19.2	4.00 H	237	32.4	2.4
3	7320	45.2 PK	74.0	-28.8	3.62 H	358	37.8	7.4
4	7320	36.2 AV	54.0	-17.8	3.62 H	358	28.8	7.4
5	11570	57.3 PK	74.0	-16.7	1.96 H	316	45.5	11.8
6	11570	45.6 AV	54.0	-8.4	1.96 H	316	33.8	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

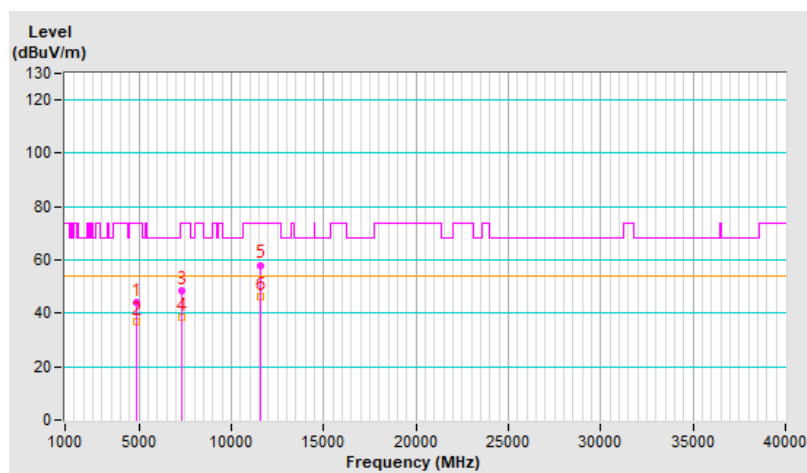


Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.1 PK	74.0	-29.9	2.03 V	261	41.7	2.4
2	4880	36.7 AV	54.0	-17.3	2.03 V	261	34.3	2.4
3	7320	48.5 PK	74.0	-25.5	3.86 V	219	41.1	7.4
4	7320	38.6 AV	54.0	-15.4	3.86 V	219	31.2	7.4
5	11570	58.1 PK	74.0	-15.9	1.16 V	268	46.3	11.8
6	11570	46.3 AV	54.0	-7.7	1.16 V	268	34.5	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

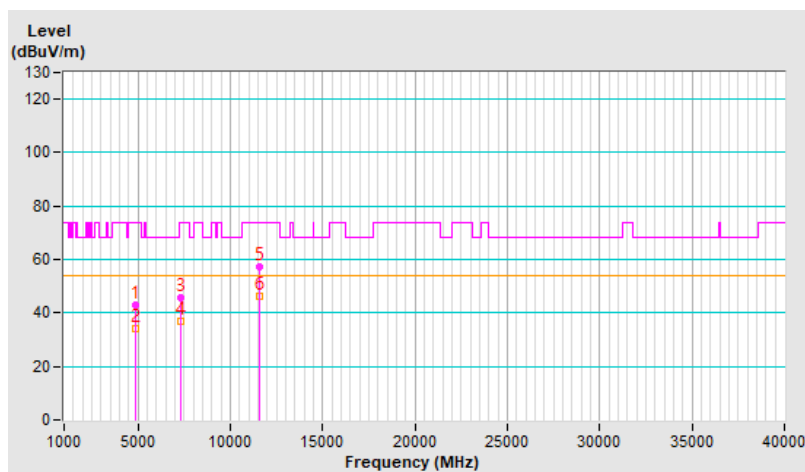
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.8 PK	74.0	-31.2	3.89 H	208	40.4	2.4
2	4880	34.1 AV	54.0	-19.9	3.89 H	208	31.7	2.4
3	7320	45.9 PK	74.0	-28.1	3.41 H	360	38.5	7.4
4	7320	36.7 AV	54.0	-17.3	3.41 H	360	29.3	7.4
5	11570	57.2 PK	74.0	-16.8	2.29 H	333	45.4	11.8
6	11570	46.3 AV	54.0	-7.7	2.29 H	333	34.5	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

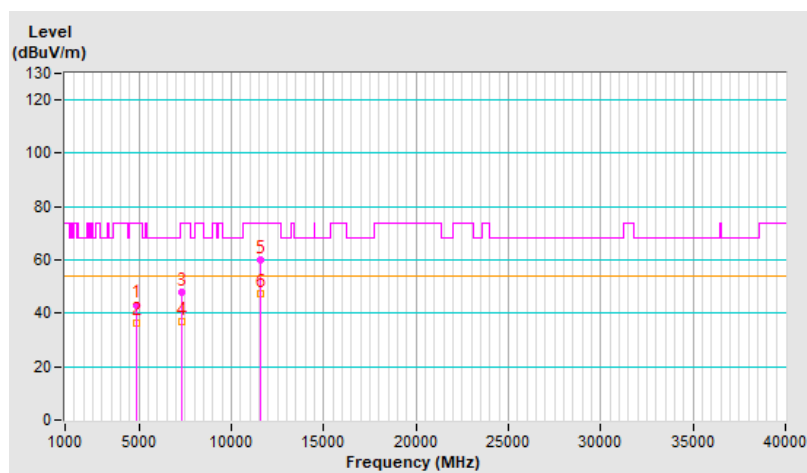


Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.2 PK	74.0	-30.8	1.86 V	224	40.8	2.4
2	4880	36.6 AV	54.0	-17.4	1.86 V	224	34.2	2.4
3	7320	48.0 PK	74.0	-26.0	3.57 V	210	40.6	7.4
4	7320	36.7 AV	54.0	-17.3	3.57 V	210	29.3	7.4
5	11570	59.9 PK	74.0	-14.1	1.34 V	301	48.1	11.8
6	11570	47.1 AV	54.0	-6.9	1.34 V	301	35.3	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



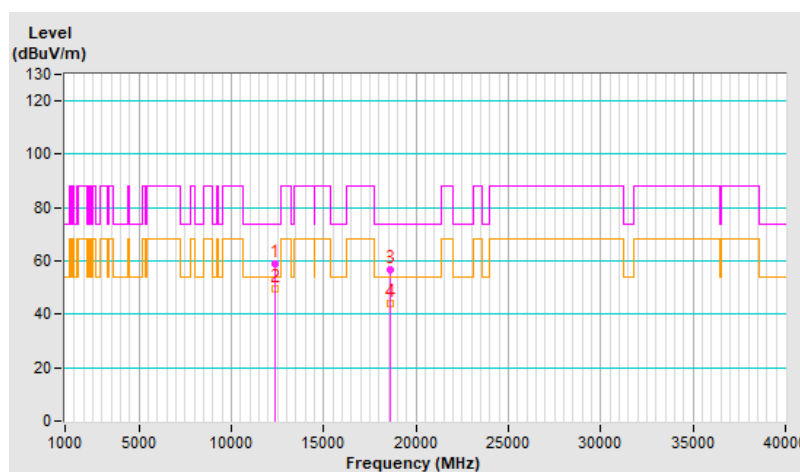
FCC 15.407(WLAN 6G)

Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	59.1 PK	74.0	-14.9	3.54 H	332	48.3	10.8
2	12390	49.4 AV	54.0	-4.6	3.54 H	332	38.6	10.8
3	18585	56.7 PK	74.0	-17.3	3.79 H	38	60.7	-4.0
4	18585	44.1 AV	54.0	-9.9	3.79 H	38	48.1	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

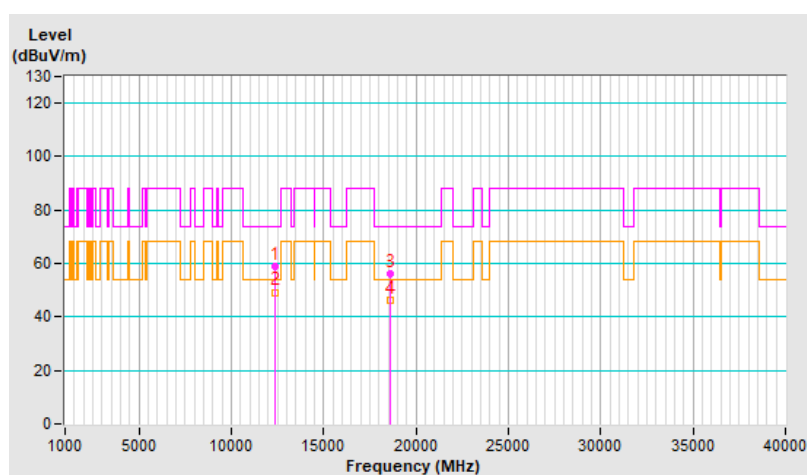


Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	59.0 PK	74.0	-15.0	2.16 V	28	48.2	10.8
2	12390	49.3 AV	54.0	-4.7	2.16 V	28	38.5	10.8
3	18585	56.2 PK	74.0	-17.8	1.46 V	318	60.2	-4.0
4	18585	46.3 AV	54.0	-7.7	1.46 V	318	50.3	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



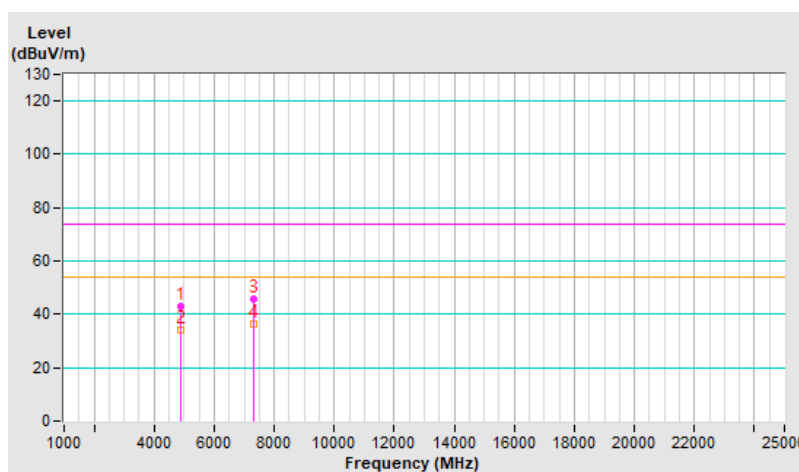
FCC 15.247

Combination	10		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.8 PK	74.0	-31.2	4.00 H	197	40.4	2.4
2	4880	34.2 AV	54.0	-19.8	4.00 H	197	31.8	2.4
3	7320	45.7 PK	74.0	-28.3	3.64 H	333	38.3	7.4
4	7320	36.2 AV	54.0	-17.8	3.64 H	333	28.8	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

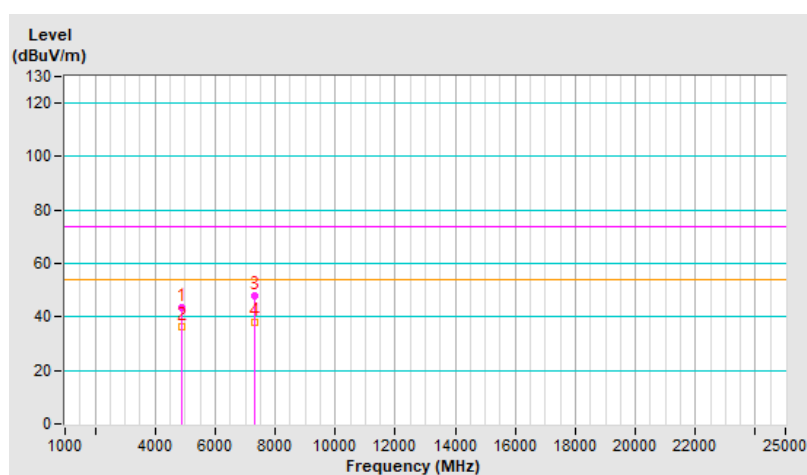


Combination	10		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.5 PK	74.0	-30.5	1.93 V	239	41.1	2.4
2	4880	36.5 AV	54.0	-17.5	1.93 V	239	34.1	2.4
3	7320	48.1 PK	74.0	-25.9	3.77 V	225	40.7	7.4
4	7320	38.0 AV	54.0	-16.0	3.77 V	225	30.6	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



Mode B

FCC 15.247

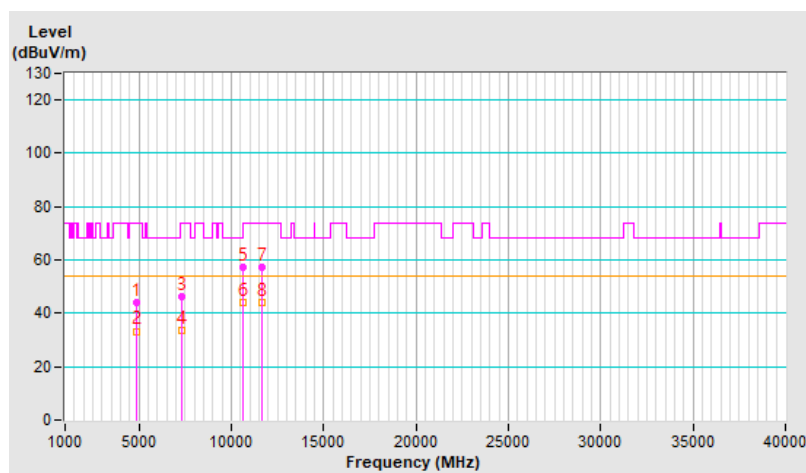
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.0 PK	74.0	-30.0	1.41 H	42	41.6	2.4
2	4880	33.3 AV	54.0	-20.7	1.41 H	42	30.9	2.4
3	7320	46.2 PK	74.0	-27.8	1.26 H	52	38.8	7.4
4	7320	33.7 AV	54.0	-20.3	1.26 H	52	26.3	7.4
5	10600	57.5 PK	74.0	-16.5	2.40 H	334	45.9	11.6
6	10600	44.3 AV	54.0	-9.7	2.40 H	334	32.7	11.6
7	11650	57.3 PK	74.0	-16.7	2.15 H	287	45.8	11.5
8	11650	44.0 AV	54.0	-10.0	2.15 H	287	32.5	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

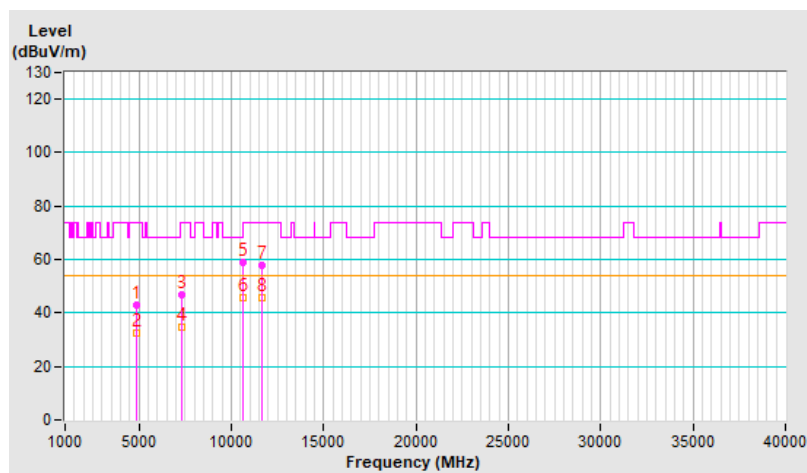


Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.7 PK	74.0	-31.3	3.04 V	217	40.3	2.4
2	4880	32.7 AV	54.0	-21.3	3.04 V	217	30.3	2.4
3	7320	46.6 PK	74.0	-27.4	2.93 V	252	39.2	7.4
4	7320	34.5 AV	54.0	-19.5	2.93 V	252	27.1	7.4
5	10600	58.8 PK	74.0	-15.2	1.50 V	312	47.2	11.6
6	10600	45.8 AV	54.0	-8.2	1.50 V	312	34.2	11.6
7	11650	57.7 PK	74.0	-16.3	1.24 V	299	46.2	11.5
8	11650	45.6 AV	54.0	-8.4	1.24 V	299	34.1	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



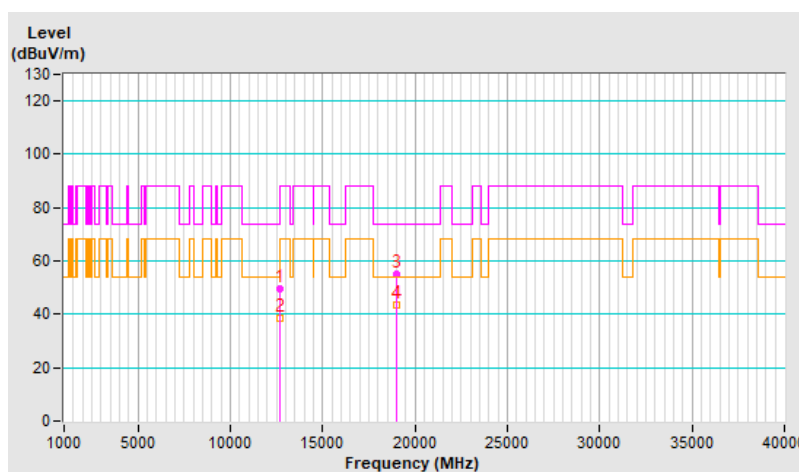
FCC 15.407(WLAN 6G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	49.5 PK	74.0	-24.5	1.51 H	101	36.6	12.9
2	12690	38.7 AV	54.0	-15.3	1.51 H	101	25.8	12.9
3	19035	55.3 PK	74.0	-18.7	1.00 H	45	59.2	-3.9
4	19035	43.7 AV	54.0	-10.3	1.00 H	45	47.6	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

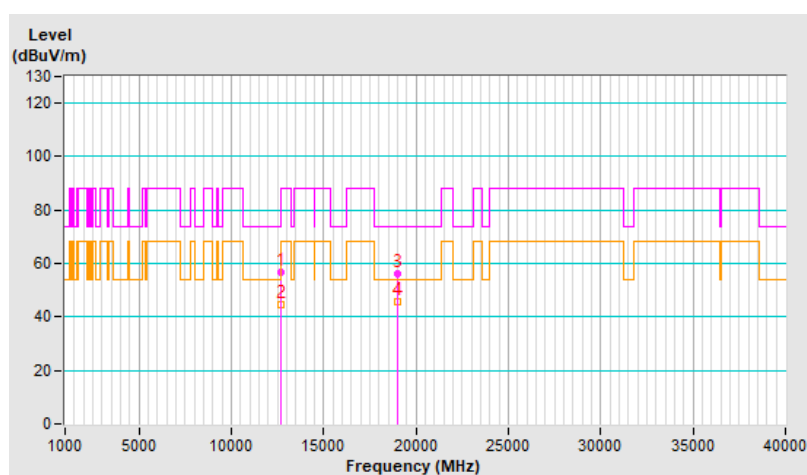


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	56.5 PK	74.0	-17.5	2.71 V	155	43.6	12.9
2	12690	44.4 AV	54.0	-9.6	2.71 V	155	31.5	12.9
3	19035	56.2 PK	74.0	-17.8	1.96 V	38	60.1	-3.9
4	19035	45.6 AV	54.0	-8.4	1.96 V	38	49.5	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

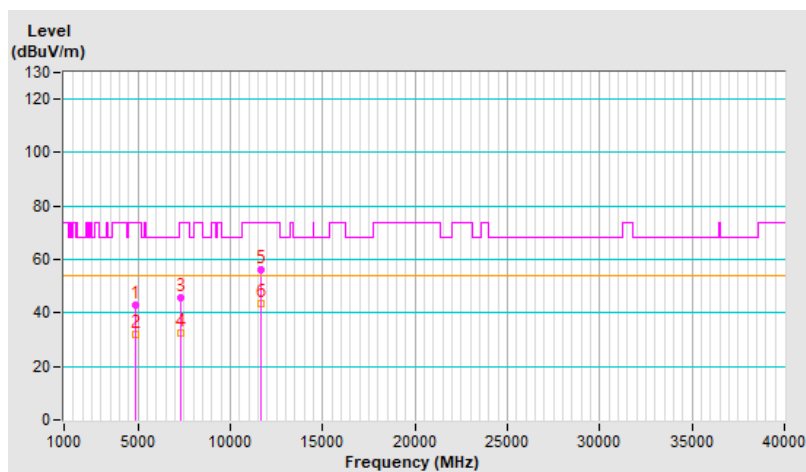
FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.8 PK	74.0	-31.2	1.87 H	33	40.4	2.4
2	4880	31.8 AV	54.0	-22.2	1.87 H	33	29.4	2.4
3	7320	45.5 PK	74.0	-28.5	1.45 H	40	38.1	7.4
4	7320	32.7 AV	54.0	-21.3	1.45 H	40	25.3	7.4
5	11650	56.3 PK	74.0	-17.7	2.31 H	303	44.8	11.5
6	11650	43.4 AV	54.0	-10.6	2.31 H	303	31.9	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

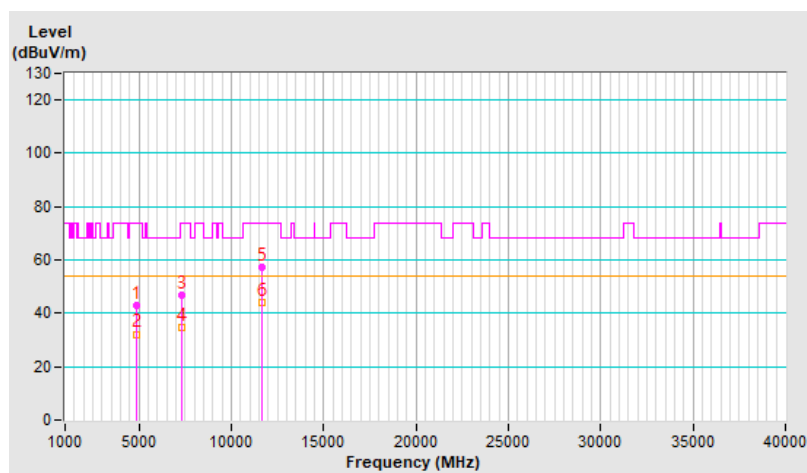


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.0 PK	74.0	-31.0	2.86 V	219	40.6	2.4
2	4880	32.2 AV	54.0	-21.8	2.86 V	219	29.8	2.4
3	7320	46.7 PK	74.0	-27.3	3.00 V	296	39.3	7.4
4	7320	34.9 AV	54.0	-19.1	3.00 V	296	27.5	7.4
5	11650	57.4 PK	74.0	-16.6	1.45 V	316	45.9	11.5
6	11650	43.9 AV	54.0	-10.1	1.45 V	316	32.4	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

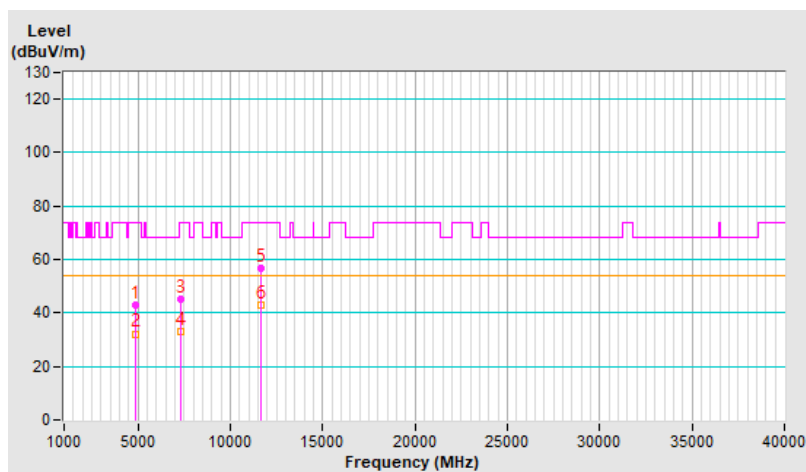
FCC 15.407(WLAN 5G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.0 PK	74.0	-31.0	1.44 H	35	40.6	2.4
2	4880	32.2 AV	54.0	-21.8	1.44 H	35	29.8	2.4
3	7320	45.2 PK	74.0	-28.8	1.30 H	55	37.8	7.4
4	7320	33.0 AV	54.0	-21.0	1.30 H	55	25.6	7.4
5	11650	56.6 PK	74.0	-17.4	1.93 H	301	45.1	11.5
6	11650	42.8 AV	54.0	-11.2	1.93 H	301	31.3	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

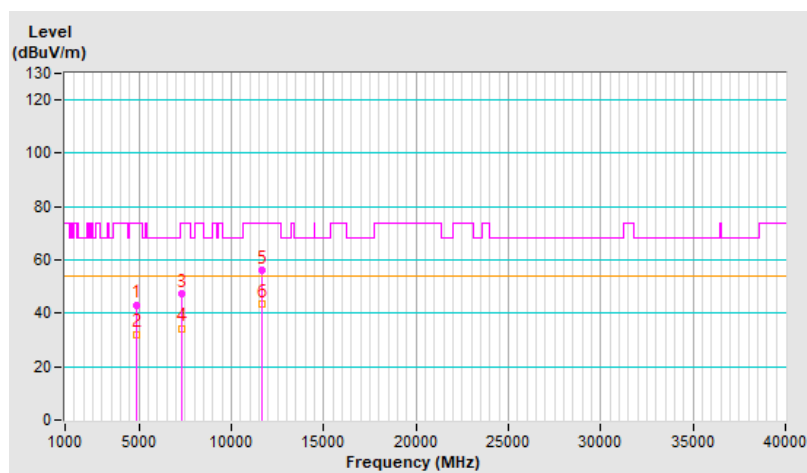


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.2 PK	74.0	-30.8	2.76 V	264	40.8	2.4
2	4880	32.2 AV	54.0	-21.8	2.76 V	264	29.8	2.4
3	7320	47.4 PK	74.0	-26.6	2.77 V	253	40.0	7.4
4	7320	34.4 AV	54.0	-19.6	2.77 V	253	27.0	7.4
5	11650	56.3 PK	74.0	-17.7	1.25 V	332	44.8	11.5
6	11650	43.6 AV	54.0	-10.4	1.25 V	332	32.1	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



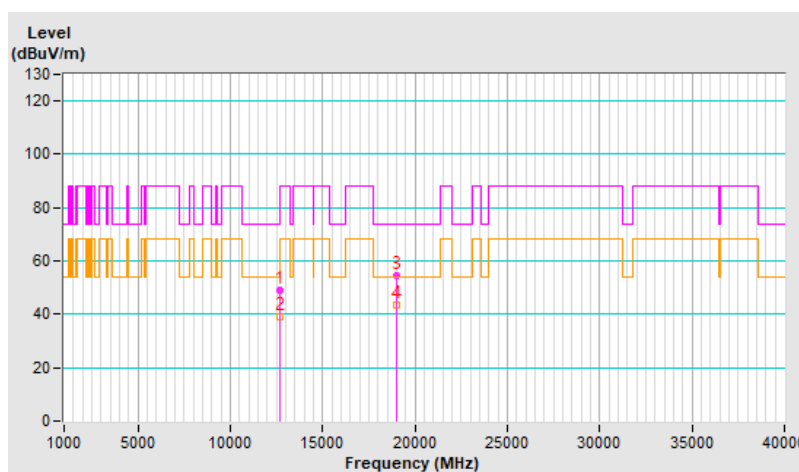
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	49.0 PK	74.0	-25.0	1.47 H	99	36.1	12.9
2	12690	39.3 AV	54.0	-14.7	1.47 H	99	26.4	12.9
3	19035	54.6 PK	74.0	-19.4	1.03 H	28	58.5	-3.9
4	19035	43.3 AV	54.0	-10.7	1.03 H	28	47.2	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

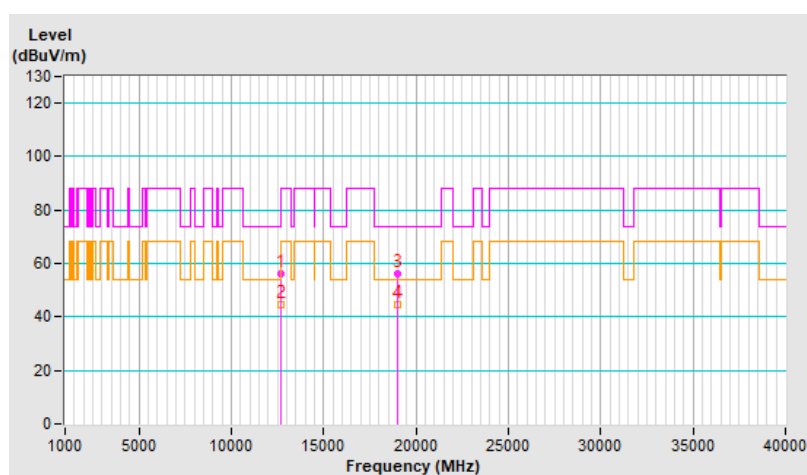


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	56.0 PK	74.0	-18.0	2.72 V	121	43.1	12.9
2	12690	44.5 AV	54.0	-9.5	2.72 V	121	31.6	12.9
3	19035	56.4 PK	74.0	-17.6	1.77 V	12	60.3	-3.9
4	19035	44.7 AV	54.0	-9.3	1.77 V	12	48.6	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

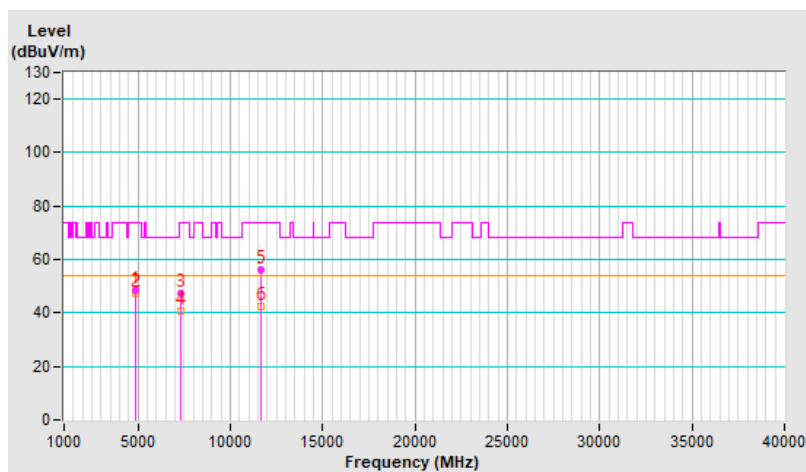
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	48.3 PK	74.0	-25.7	1.14 H	247	45.9	2.4
2	4874	47.6 AV	54.0	-6.4	1.14 H	247	45.2	2.4
3	7311	47.2 PK	74.0	-26.8	1.86 H	230	39.8	7.4
4	7311	40.9 AV	54.0	-13.1	1.86 H	230	33.5	7.4
5	11650	56.4 PK	74.0	-17.6	2.38 H	280	44.9	11.5
6	11650	42.4 AV	54.0	-11.6	2.38 H	280	30.9	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

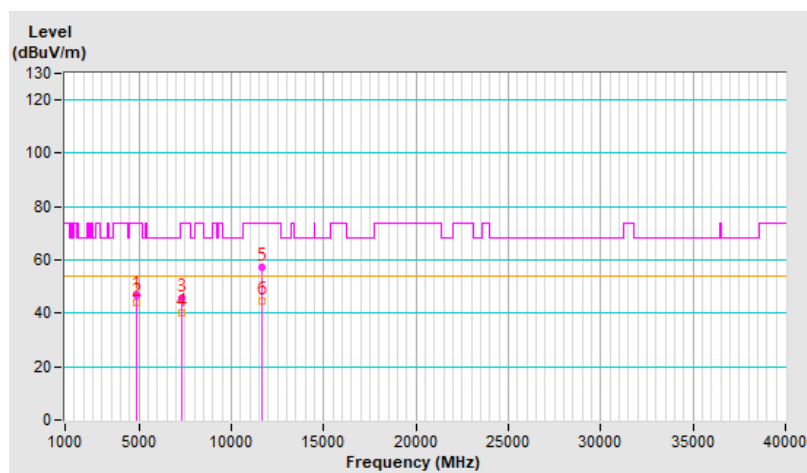


Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	46.7 PK	74.0	-27.3	1.49 V	157	44.3	2.4
2	4874	43.8 AV	54.0	-10.2	1.49 V	157	41.4	2.4
3	7311	45.5 PK	74.0	-28.5	1.70 V	93	38.1	7.4
4	7311	40.1 AV	54.0	-13.9	1.70 V	93	32.7	7.4
5	11650	57.3 PK	74.0	-16.7	1.10 V	317	45.8	11.5
6	11650	44.6 AV	54.0	-9.4	1.10 V	317	33.1	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



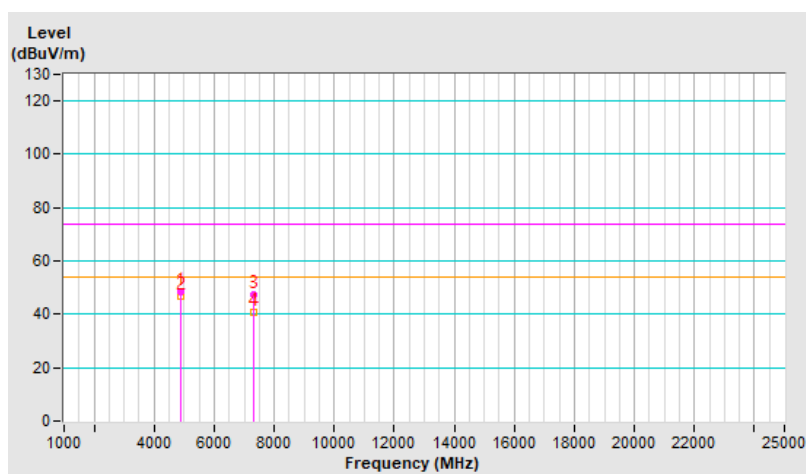
FCC 15.247

Combination	5		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	48.7 PK	74.0	-25.3	1.06 H	228	46.3	2.4
2	4874	46.9 AV	54.0	-7.1	1.06 H	228	44.5	2.4
3	7311	47.3 PK	74.0	-26.7	1.86 H	224	39.9	7.4
4	7311	40.9 AV	54.0	-13.1	1.86 H	224	33.5	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

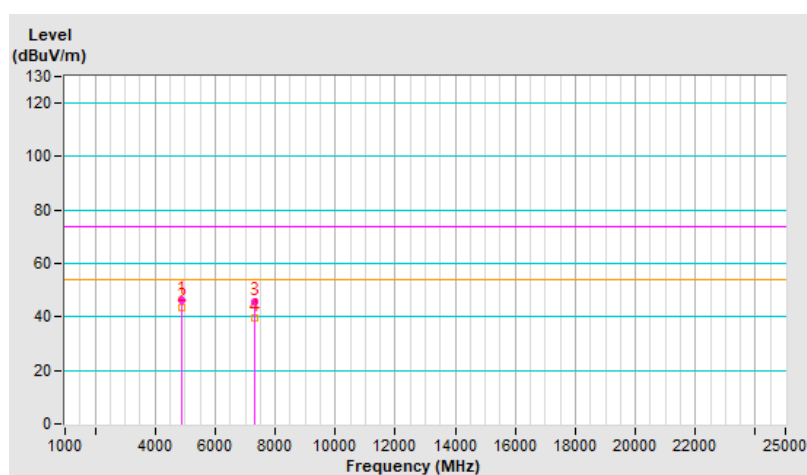


Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	46.2 PK	74.0	-27.8	1.63 V	118	43.8	2.4
2	4874	43.6 AV	54.0	-10.4	1.63 V	118	41.2	2.4
3	7311	45.5 PK	74.0	-28.5	1.87 V	134	38.1	7.4
4	7311	39.4 AV	54.0	-14.6	1.87 V	134	32.0	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



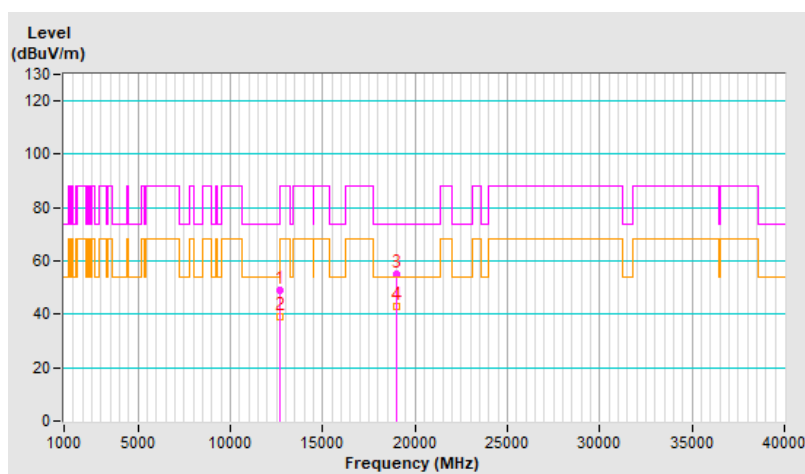
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	49.0 PK	74.0	-25.0	1.57 H	140	36.1	12.9
2	12690	39.3 AV	54.0	-14.7	1.57 H	140	26.4	12.9
3	19035	55.0 PK	74.0	-19.0	1.00 H	1	58.9	-3.9
4	19035	43.1 AV	54.0	-10.9	1.00 H	1	47.0	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

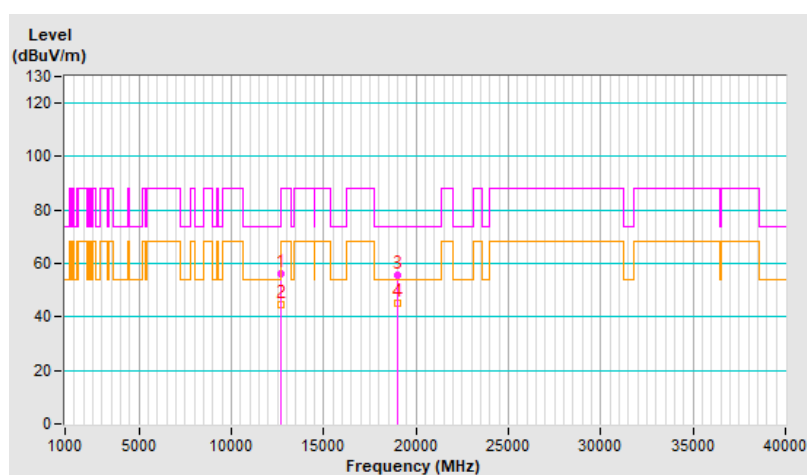


Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	56.2 PK	74.0	-17.8	2.61 V	106	43.3	12.9
2	12690	44.7 AV	54.0	-9.3	2.61 V	106	31.8	12.9
3	19035	55.8 PK	74.0	-18.2	1.75 V	18	59.7	-3.9
4	19035	45.0 AV	54.0	-9.0	1.75 V	18	48.9	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

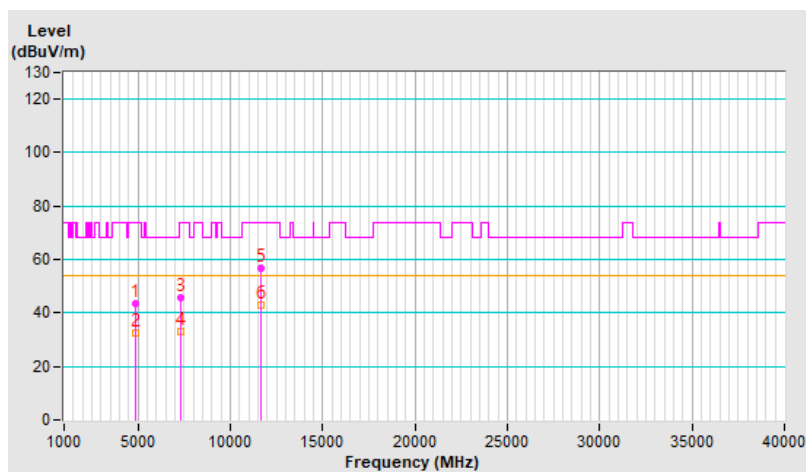
FCC 15.247

Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.7 PK	74.0	-30.3	1.44 H	42	41.3	2.4
2	4880	32.6 AV	54.0	-21.4	1.44 H	42	30.2	2.4
3	7320	45.6 PK	74.0	-28.4	1.17 H	49	38.2	7.4
4	7320	33.1 AV	54.0	-20.9	1.17 H	49	25.7	7.4
5	11650	56.9 PK	74.0	-17.1	1.94 H	263	45.4	11.5
6	11650	42.7 AV	54.0	-11.3	1.94 H	263	31.2	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

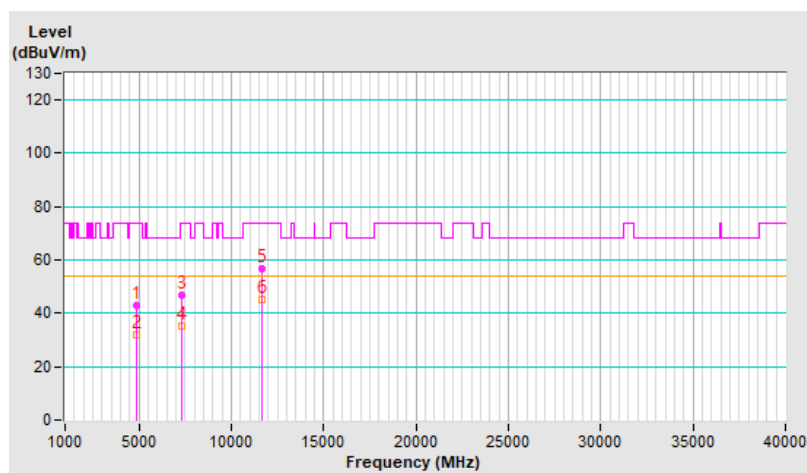


Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.9 PK	74.0	-31.1	3.04 V	222	40.5	2.4
2	4880	32.1 AV	54.0	-21.9	3.04 V	222	29.7	2.4
3	7320	46.9 PK	74.0	-27.1	2.79 V	299	39.5	7.4
4	7320	35.4 AV	54.0	-18.6	2.79 V	299	28.0	7.4
5	11650	56.9 PK	74.0	-17.1	1.16 V	306	45.4	11.5
6	11650	44.9 AV	54.0	-9.1	1.16 V	306	33.4	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



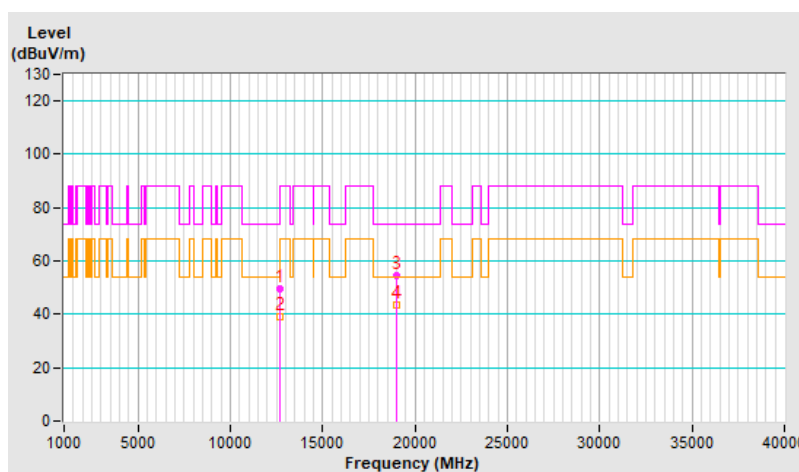
FCC 15.407(WLAN 6G)

Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	49.5 PK	74.0	-24.5	1.32 H	111	36.6	12.9
2	12690	39.0 AV	54.0	-15.0	1.32 H	111	26.1	12.9
3	19035	54.5 PK	74.0	-19.5	1.00 H	50	58.4	-3.9
4	19035	43.5 AV	54.0	-10.5	1.00 H	50	47.4	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

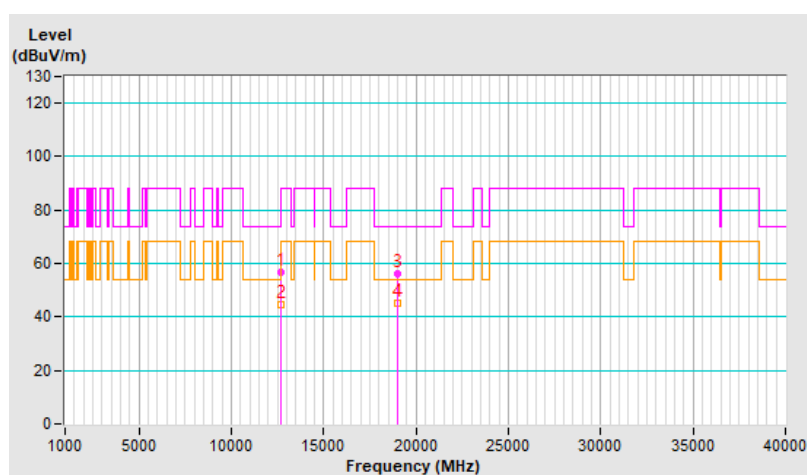


Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	56.5 PK	74.0	-17.5	2.60 V	146	43.6	12.9
2	12690	44.8 AV	54.0	-9.2	2.60 V	146	31.9	12.9
3	19035	56.3 PK	74.0	-17.7	1.86 V	50	60.2	-3.9
4	19035	45.1 AV	54.0	-8.9	1.86 V	50	49.0	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



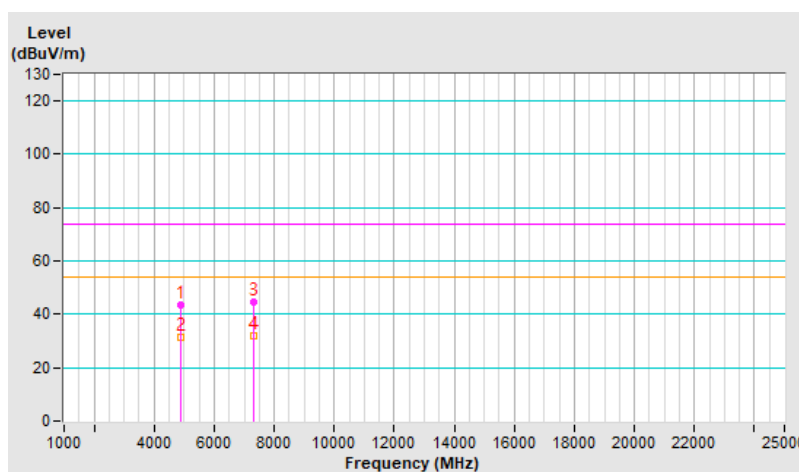
FCC 15.247

Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.4 PK	74.0	-30.6	1.52 H	33	41.0	2.4
2	4880	31.4 AV	54.0	-22.6	1.52 H	33	29.0	2.4
3	7320	44.4 PK	74.0	-29.6	1.11 H	53	37.0	7.4
4	7320	31.9 AV	54.0	-22.1	1.11 H	53	24.5	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

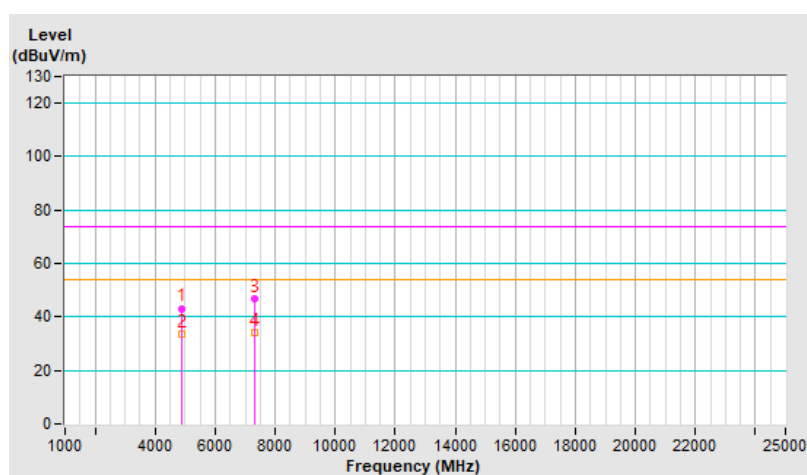


Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.2 PK	74.0	-30.8	2.56 V	223	40.8	2.4
2	4880	33.5 AV	54.0	-20.5	2.56 V	223	31.1	2.4
3	7320	47.0 PK	74.0	-27.0	2.88 V	254	39.6	7.4
4	7320	34.3 AV	54.0	-19.7	2.88 V	254	26.9	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

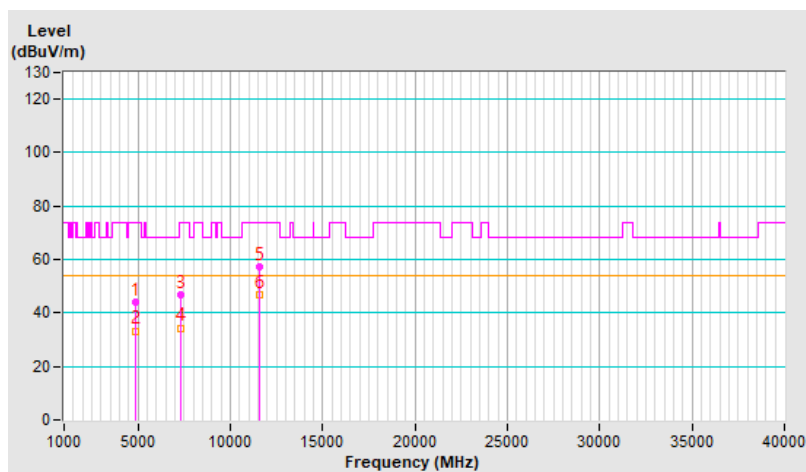
FCC 15.247

Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.8 PK	74.0	-30.2	1.73 H	82	41.4	2.4
2	4880	33.3 AV	54.0	-20.7	1.73 H	82	30.9	2.4
3	7320	46.7 PK	74.0	-27.3	1.33 H	42	39.3	7.4
4	7320	34.4 AV	54.0	-19.6	1.33 H	42	27.0	7.4
5	11570	57.5 PK	74.0	-16.5	2.12 H	345	45.7	11.8
6	11570	46.7 AV	54.0	-7.3	2.12 H	345	34.9	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

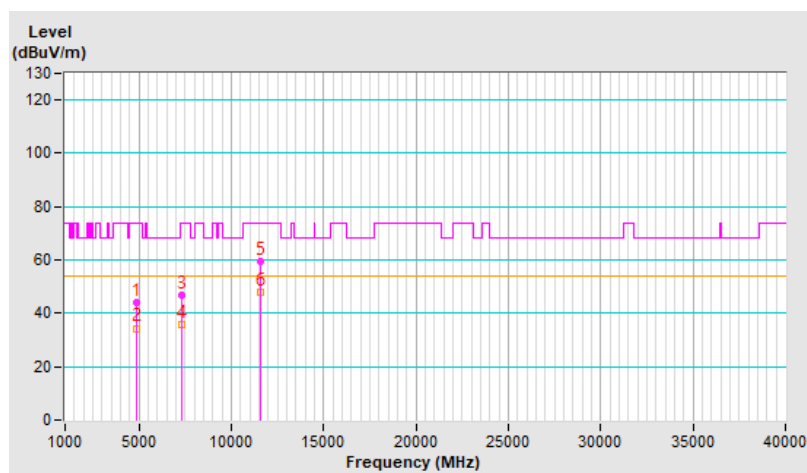


Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.3 PK	74.0	-29.7	2.55 V	246	41.9	2.4
2	4880	34.4 AV	54.0	-19.6	2.55 V	246	32.0	2.4
3	7320	46.6 PK	74.0	-27.4	2.98 V	281	39.2	7.4
4	7320	35.7 AV	54.0	-18.3	2.98 V	281	28.3	7.4
5	11570	59.4 PK	74.0	-14.6	1.30 V	306	47.6	11.8
6	11570	48.1 AV	54.0	-5.9	1.30 V	306	36.3	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

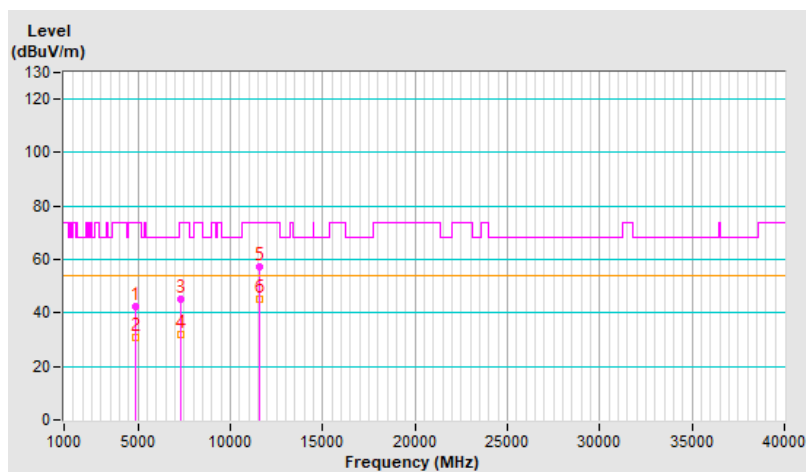
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.6 PK	74.0	-31.4	1.85 H	37	40.2	2.4
2	4880	31.0 AV	54.0	-23.0	1.85 H	37	28.6	2.4
3	7320	45.2 PK	74.0	-28.8	1.43 H	48	37.8	7.4
4	7320	32.1 AV	54.0	-21.9	1.43 H	48	24.7	7.4
5	11570	57.1 PK	74.0	-16.9	2.12 H	309	45.3	11.8
6	11570	45.2 AV	54.0	-8.8	2.12 H	309	33.4	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

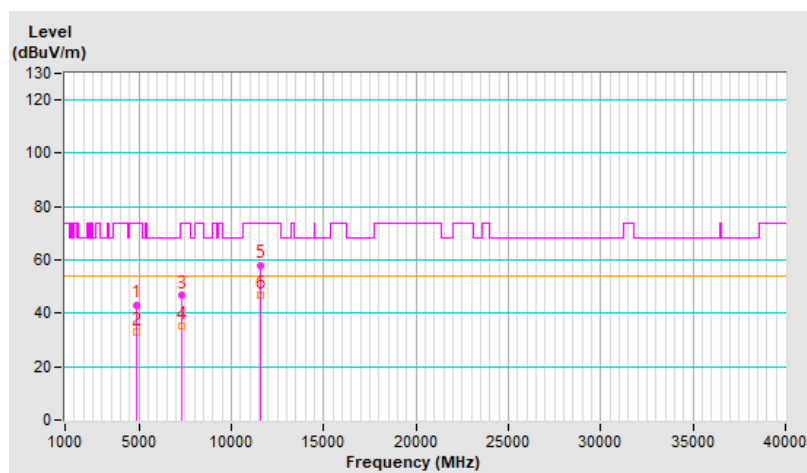


Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.2 PK	74.0	-30.8	2.68 V	226	40.8	2.4
2	4880	33.0 AV	54.0	-21.0	2.68 V	226	30.6	2.4
3	7320	46.6 PK	74.0	-27.4	2.79 V	300	39.2	7.4
4	7320	35.2 AV	54.0	-18.8	2.79 V	300	27.8	7.4
5	11570	58.1 PK	74.0	-15.9	1.25 V	280	46.3	11.8
6	11570	46.9 AV	54.0	-7.1	1.25 V	280	35.1	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



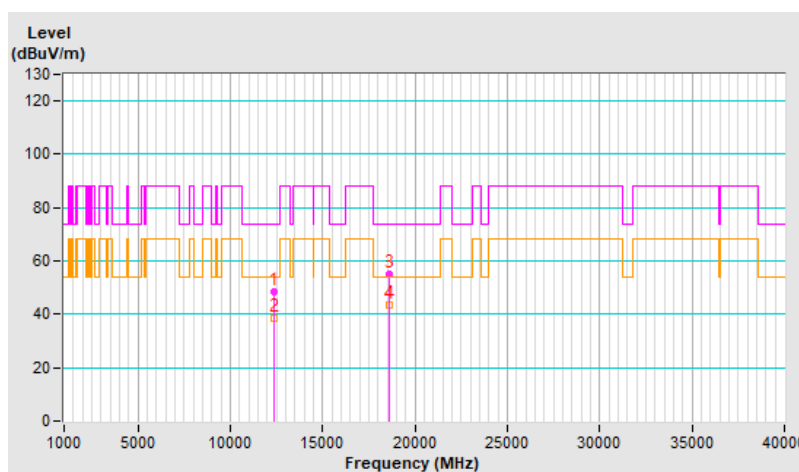
FCC 15.407(WLAN 6G)

Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	48.7 PK	74.0	-25.3	1.63 H	101	37.9	10.8
2	12390	38.7 AV	54.0	-15.3	1.63 H	101	27.9	10.8
3	18585	55.1 PK	74.0	-18.9	1.28 H	11	59.1	-4.0
4	18585	43.7 AV	54.0	-10.3	1.28 H	11	47.7	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

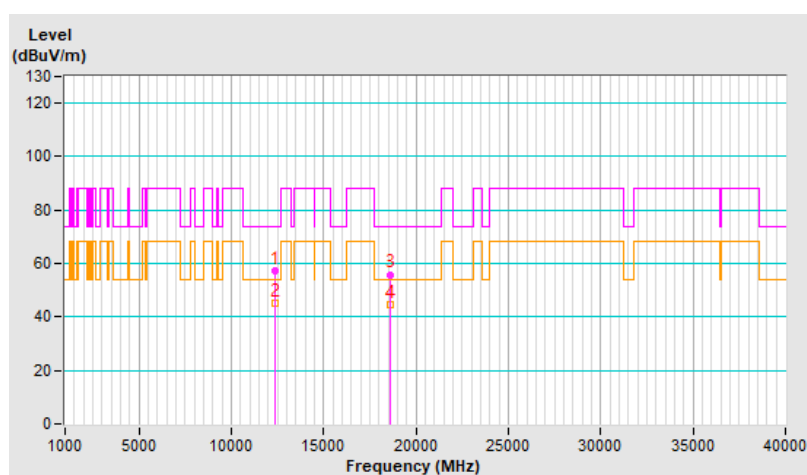


Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	57.1 PK	74.0	-16.9	2.45 V	136	46.3	10.8
2	12390	45.2 AV	54.0	-8.8	2.45 V	136	34.4	10.8
3	18585	55.9 PK	74.0	-18.1	1.88 V	12	59.9	-4.0
4	18585	44.6 AV	54.0	-9.4	1.88 V	12	48.6	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



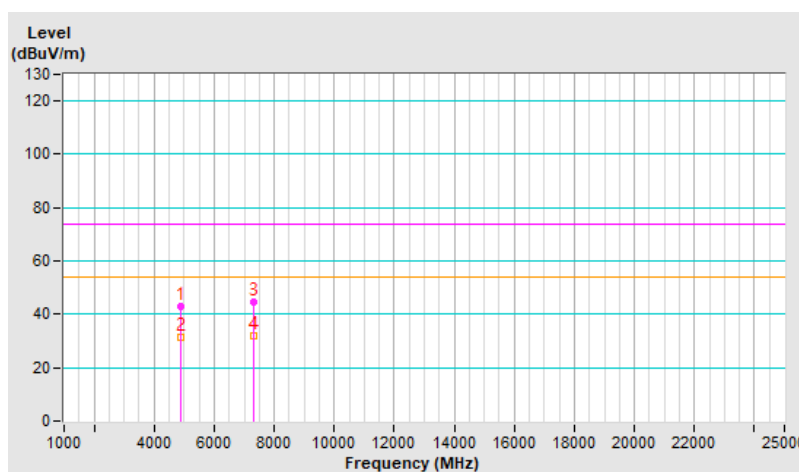
FCC 15.247

Combination	10		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.1 PK	74.0	-30.9	1.52 H	36	40.7	2.4
2	4880	31.4 AV	54.0	-22.6	1.52 H	36	29.0	2.4
3	7320	44.5 PK	74.0	-29.5	1.29 H	47	37.1	7.4
4	7320	32.1 AV	54.0	-21.9	1.29 H	47	24.7	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

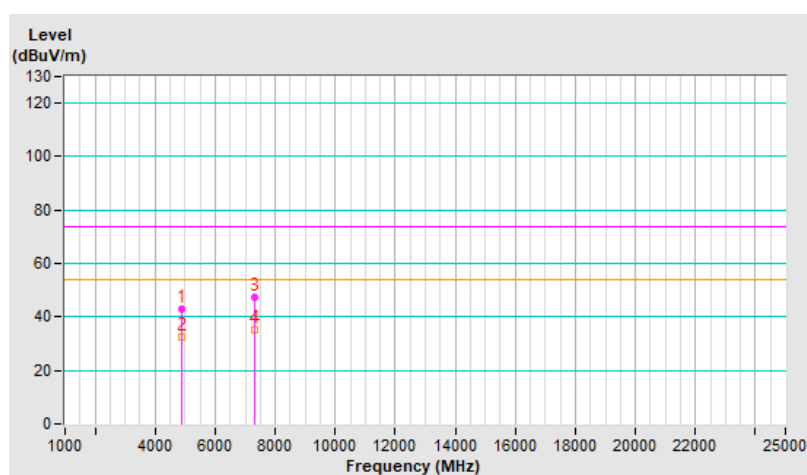


Combination	10		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.9 PK	74.0	-31.1	3.01 V	242	40.5	2.4
2	4880	32.7 AV	54.0	-21.3	3.01 V	242	30.3	2.4
3	7320	47.1 PK	74.0	-26.9	3.02 V	289	39.7	7.4
4	7320	35.3 AV	54.0	-18.7	3.02 V	289	27.9	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



Mode C

FCC 15.247

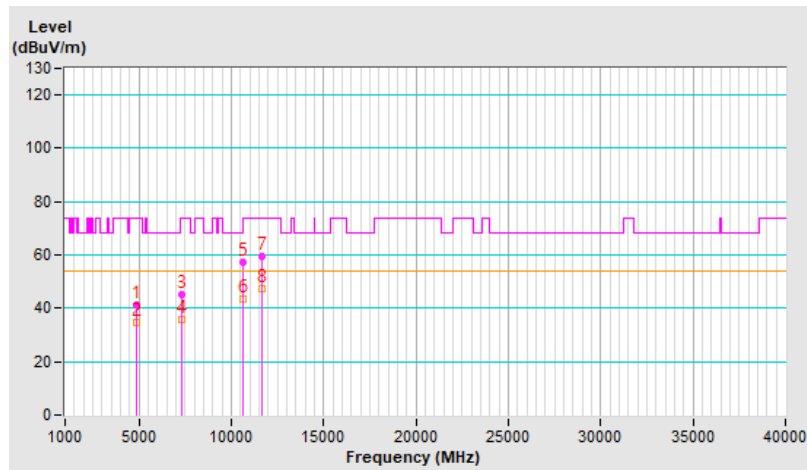
FCC 15.407(WLAN 5G)

Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	41.1 PK	74.0	-32.9	2.64 H	50	38.7	2.4
2	4880	34.8 AV	54.0	-19.2	2.64 H	50	32.4	2.4
3	7320	45.1 PK	74.0	-28.9	1.06 H	6	37.7	7.4
4	7320	35.7 AV	54.0	-18.3	1.06 H	6	28.3	7.4
5	10600	57.4 PK	74.0	-16.6	2.58 H	27	45.8	11.6
6	10600	43.7 AV	54.0	-10.3	2.58 H	27	32.1	11.6
7	11650	59.7 PK	74.0	-14.3	3.85 H	230	48.2	11.5
8	11650	47.4 AV	54.0	-6.6	3.85 H	230	35.9	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

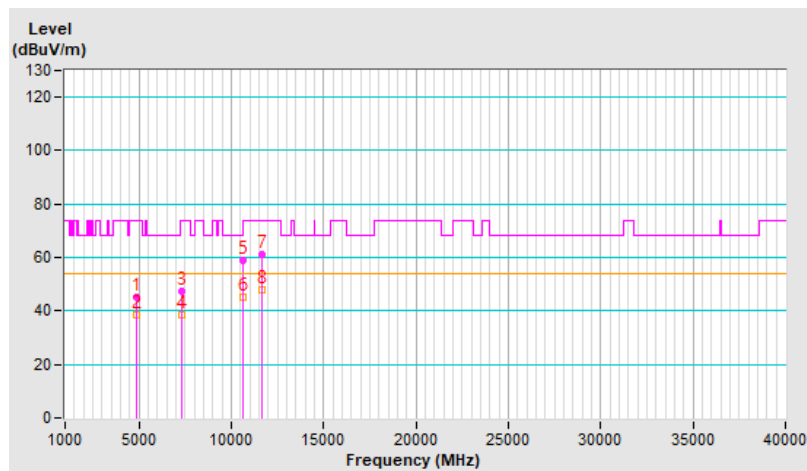


Combination	1		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	45.1 PK	74.0	-28.9	2.59 V	17	42.7	2.4
2	4880	38.4 AV	54.0	-15.6	2.59 V	17	36.0	2.4
3	7320	47.6 PK	74.0	-26.4	3.64 V	105	40.2	7.4
4	7320	38.7 AV	54.0	-15.3	3.64 V	105	31.3	7.4
5	10600	58.8 PK	74.0	-15.2	2.37 V	166	47.2	11.6
6	10600	44.9 AV	54.0	-9.1	2.37 V	166	33.3	11.6
7	11650	61.1 PK	74.0	-12.9	2.78 V	274	49.6	11.5
8	11650	48.0 AV	54.0	-6.0	2.78 V	274	36.5	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



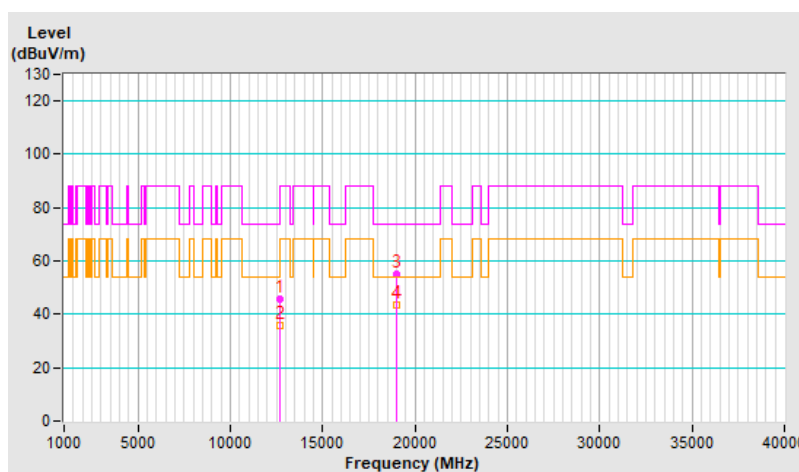
FCC 15.407(WLAN 6G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	45.9 PK	74.0	-28.1	3.69 H	32	33.0	12.9
2	12690	35.9 AV	54.0	-18.1	3.69 H	32	23.0	12.9
3	19035	55.1 PK	74.0	-18.9	2.52 H	73	59.0	-3.9
4	19035	43.7 AV	54.0	-10.3	2.52 H	73	47.6	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

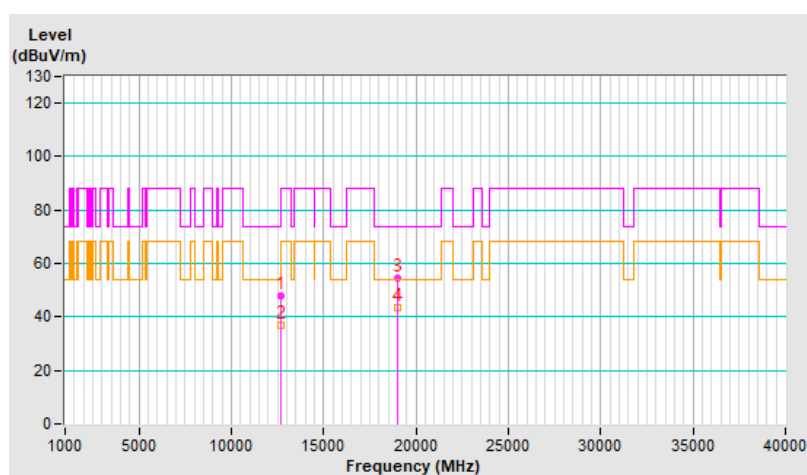


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	48.1 PK	74.0	-25.9	3.65 V	251	35.2	12.9
2	12690	37.0 AV	54.0	-17.0	3.65 V	251	24.1	12.9
3	19035	54.4 PK	74.0	-19.6	2.52 V	122	58.3	-3.9
4	19035	43.4 AV	54.0	-10.6	2.52 V	122	47.3	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

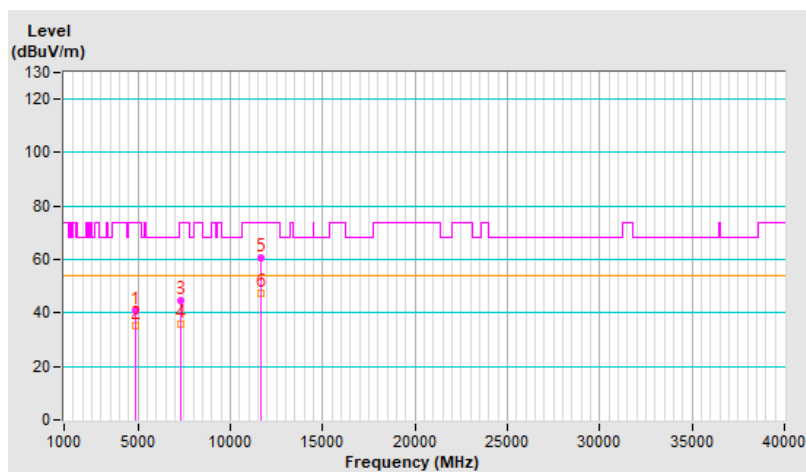
FCC 15.407(WLAN 5G)

Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	40.9 PK	74.0	-33.1	2.78 H	48	38.5	2.4
2	4880	35.3 AV	54.0	-18.7	2.78 H	48	32.9	2.4
3	7320	44.6 PK	74.0	-29.4	1.01 H	37	37.2	7.4
4	7320	35.6 AV	54.0	-18.4	1.01 H	37	28.2	7.4
5	11650	60.4 PK	74.0	-13.6	3.82 H	262	48.9	11.5
6	11650	47.3 AV	54.0	-6.7	3.82 H	262	35.8	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

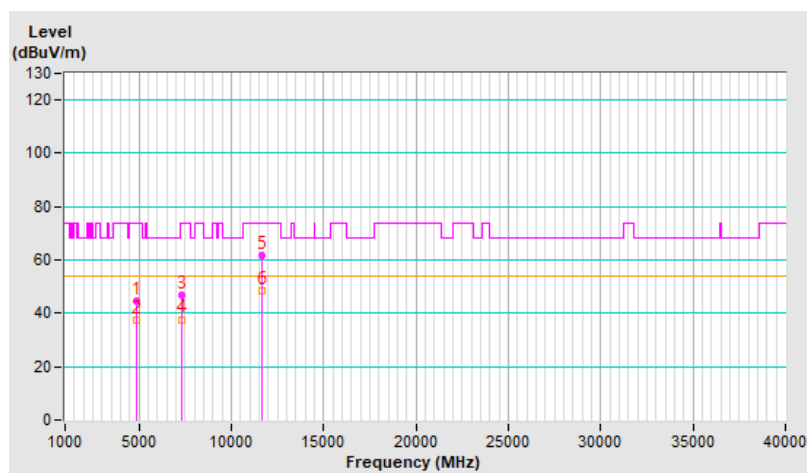


Combination	2		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.6 PK	74.0	-29.4	2.49 V	28	42.2	2.4
2	4880	37.4 AV	54.0	-16.6	2.49 V	28	35.0	2.4
3	7320	46.6 PK	74.0	-27.4	3.89 V	105	39.2	7.4
4	7320	37.7 AV	54.0	-16.3	3.89 V	105	30.3	7.4
5	11650	61.5 PK	74.0	-12.5	2.94 V	294	50.0	11.5
6	11650	48.3 AV	54.0	-5.7	2.94 V	294	36.8	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

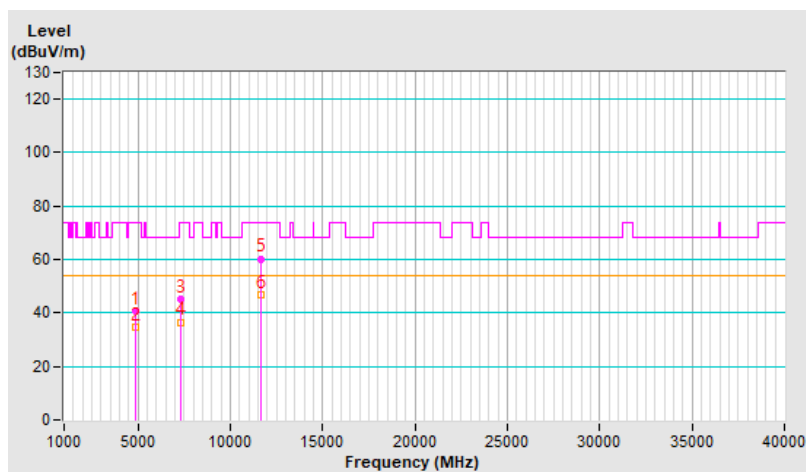
FCC 15.407(WLAN 5G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	40.7 PK	74.0	-33.3	2.93 H	81	38.3	2.4
2	4880	34.9 AV	54.0	-19.1	2.93 H	81	32.5	2.4
3	7320	44.9 PK	74.0	-29.1	1.20 H	34	37.5	7.4
4	7320	36.6 AV	54.0	-17.4	1.20 H	34	29.2	7.4
5	11650	60.3 PK	74.0	-13.7	3.77 H	255	48.8	11.5
6	11650	47.0 AV	54.0	-7.0	3.77 H	255	35.5	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

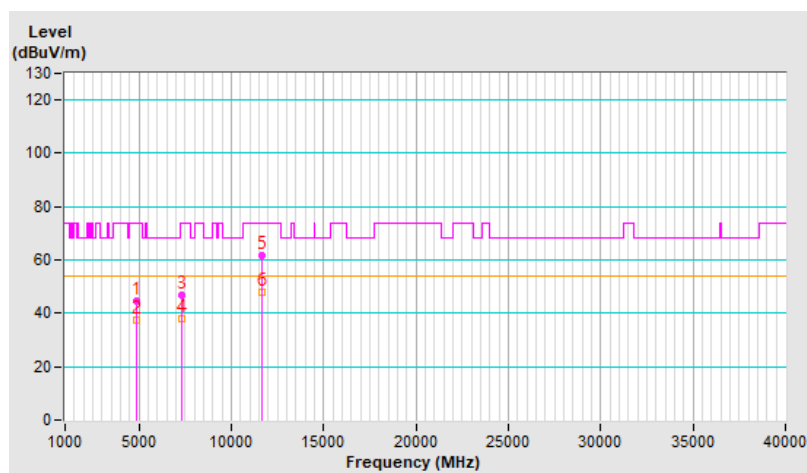


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.5 PK	74.0	-29.5	2.45 V	51	42.1	2.4
2	4880	37.6 AV	54.0	-16.4	2.45 V	51	35.2	2.4
3	7320	46.8 PK	74.0	-27.2	3.75 V	97	39.4	7.4
4	7320	37.9 AV	54.0	-16.1	3.75 V	97	30.5	7.4
5	11650	61.5 PK	74.0	-12.5	2.97 V	291	50.0	11.5
6	11650	48.0 AV	54.0	-6.0	2.97 V	291	36.5	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



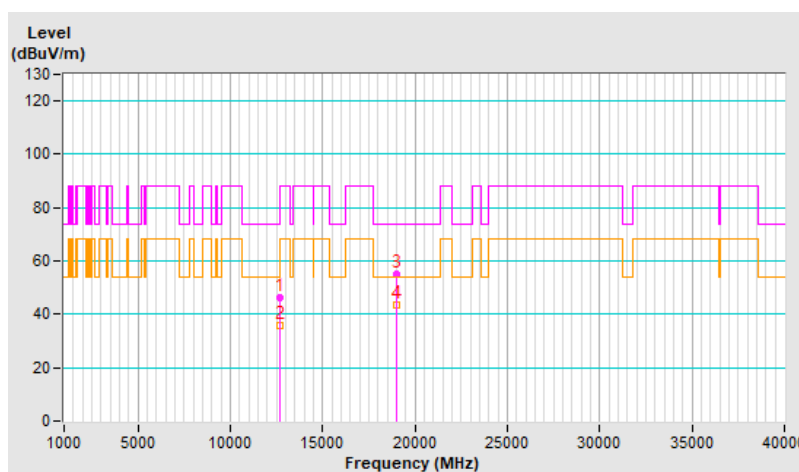
FCC 15.407(WLAN 6G)

Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	46.0 PK	74.0	-28.0	3.73 H	41	33.1	12.9
2	12690	35.8 AV	54.0	-18.2	3.73 H	41	22.9	12.9
3	19035	55.1 PK	74.0	-18.9	2.55 H	66	59.0	-3.9
4	19035	43.4 AV	54.0	-10.6	2.55 H	66	47.3	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

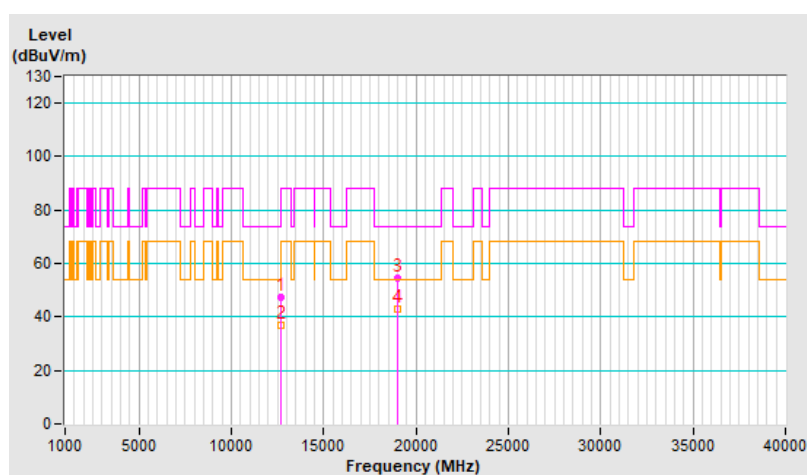


Combination	3		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	47.5 PK	74.0	-26.5	3.68 V	236	34.6	12.9
2	12690	36.7 AV	54.0	-17.3	3.68 V	236	23.8	12.9
3	19035	54.3 PK	74.0	-19.7	2.55 V	112	58.2	-3.9
4	19035	43.1 AV	54.0	-10.9	2.55 V	112	47.0	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

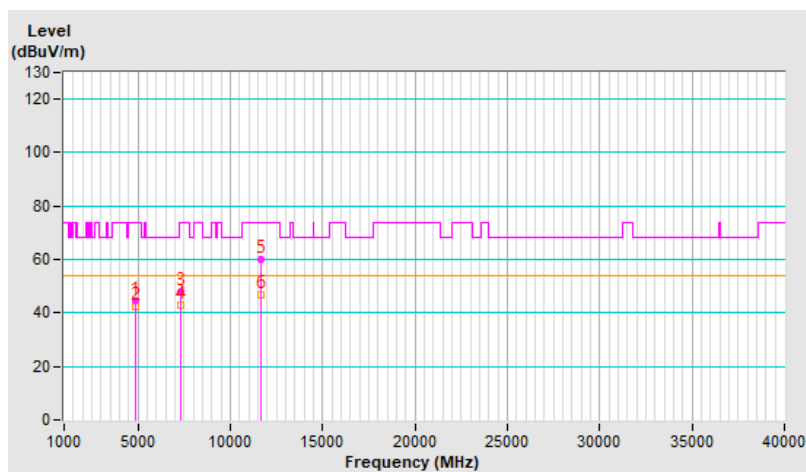
FCC 15.407(WLAN 5G)

Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	44.7 PK	74.0	-29.3	1.95 H	315	42.3	2.4
2	4874	42.4 AV	54.0	-11.6	1.95 H	315	40.0	2.4
3	7311	47.9 PK	74.0	-26.1	1.03 H	201	40.5	7.4
4	7311	43.1 AV	54.0	-10.9	1.03 H	201	35.7	7.4
5	11650	60.0 PK	74.0	-14.0	3.79 H	277	48.5	11.5
6	11650	46.9 AV	54.0	-7.1	3.79 H	277	35.4	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

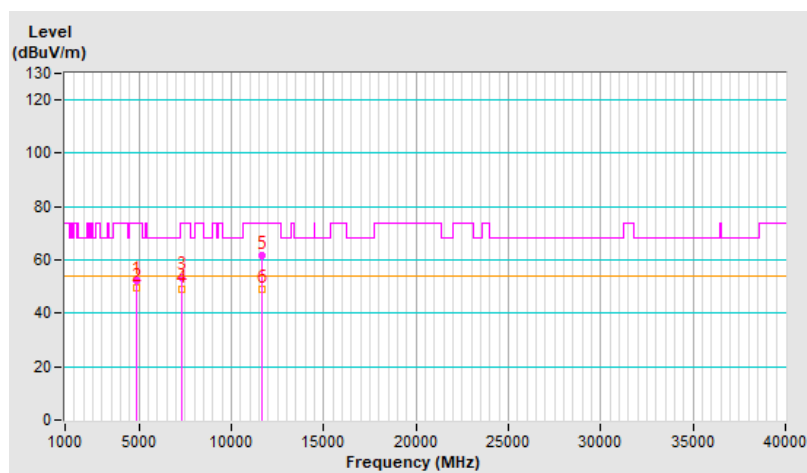


Combination	4		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	52.5 PK	74.0	-21.5	1.57 V	138	50.1	2.4
2	4874	49.8 AV	54.0	-4.2	1.57 V	138	47.4	2.4
3	7311	53.7 PK	74.0	-20.3	1.90 V	77	46.3	7.4
4	7311	49.0 AV	54.0	-5.0	1.90 V	77	41.6	7.4
5	11650	61.7 PK	74.0	-12.3	2.62 V	305	50.2	11.5
6	11650	49.0 AV	54.0	-5.0	2.62 V	305	37.5	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



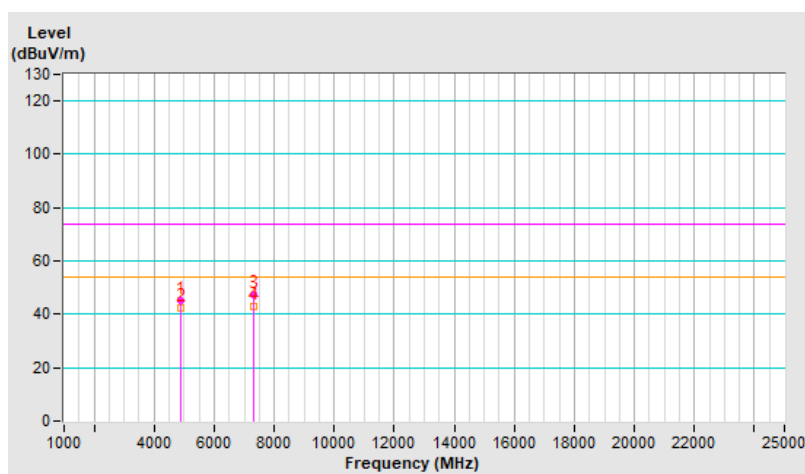
FCC 15.247

Combination	5		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	45.0 PK	74.0	-29.0	1.48 H	131	42.6	2.4
2	4874	42.6 AV	54.0	-11.4	1.48 H	131	40.2	2.4
3	7311	47.4 PK	74.0	-26.6	1.55 H	76	40.0	7.4
4	7311	42.8 AV	54.0	-11.2	1.55 H	76	35.4	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

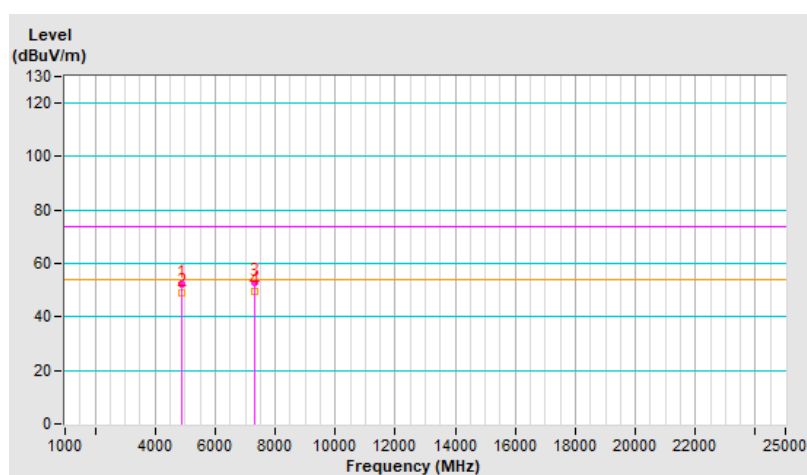


Combination	5		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4874	52.3 PK	74.0	-21.7	1.54 V	143	49.9	2.4
2	4874	49.2 AV	54.0	-4.8	1.54 V	143	46.8	2.4
3	7311	53.0 PK	74.0	-21.0	1.76 V	67	45.6	7.4
4	7311	49.8 AV	54.0	-4.2	1.76 V	67	42.4	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



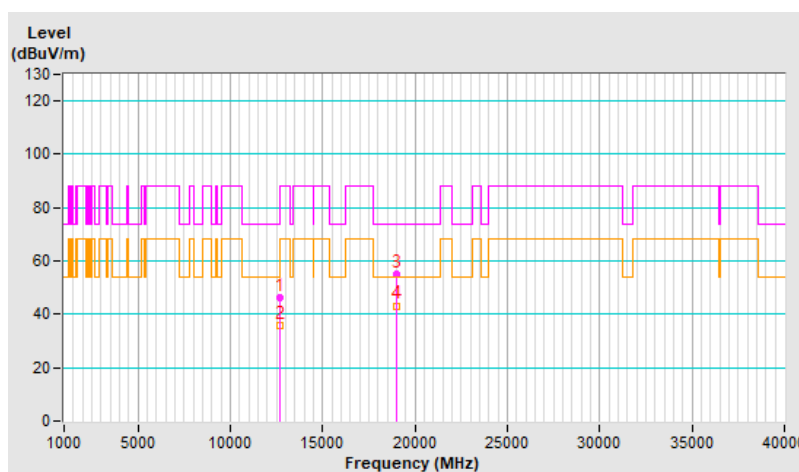
FCC 15.407(WLAN 6G)

Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	46.2 PK	74.0	-27.8	3.94 H	82	33.3	12.9
2	12690	35.9 AV	54.0	-18.1	3.94 H	82	23.0	12.9
3	19035	55.2 PK	74.0	-18.8	2.72 H	99	59.1	-3.9
4	19035	43.2 AV	54.0	-10.8	2.72 H	99	47.1	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

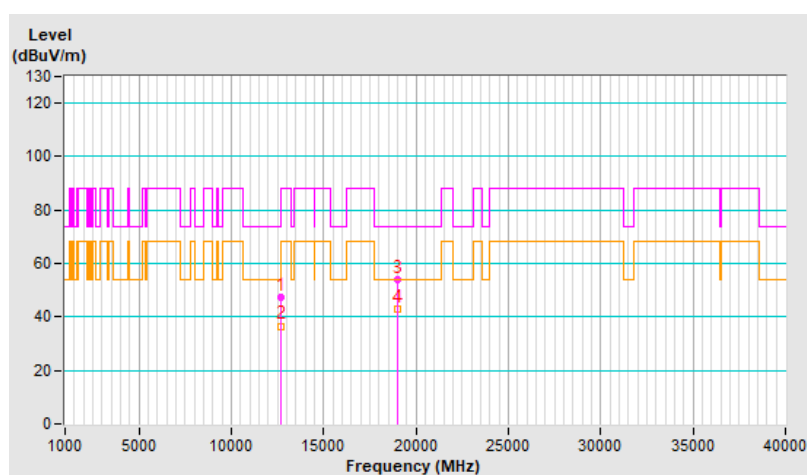


Combination	5		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	47.5 PK	74.0	-26.5	3.52 V	224	34.6	12.9
2	12690	36.6 AV	54.0	-17.4	3.52 V	224	23.7	12.9
3	19035	54.1 PK	74.0	-19.9	2.69 V	122	58.0	-3.9
4	19035	42.8 AV	54.0	-11.2	2.69 V	122	46.7	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

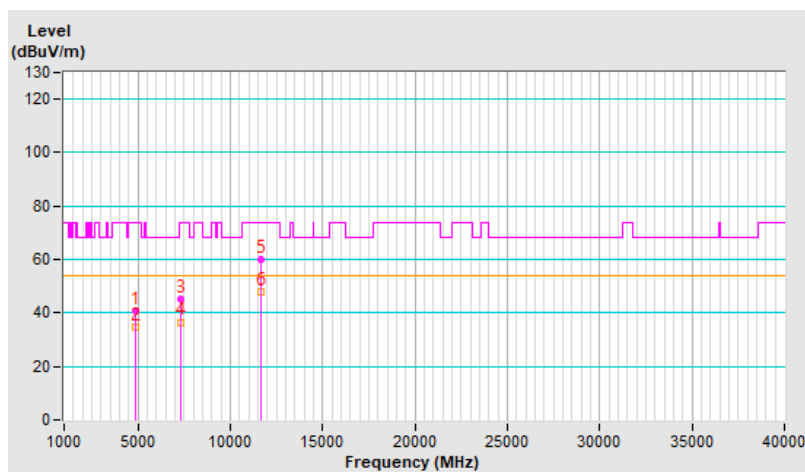
FCC 15.247

Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	40.7 PK	74.0	-33.3	3.00 H	84	38.3	2.4
2	4880	34.9 AV	54.0	-19.1	3.00 H	84	32.5	2.4
3	7320	44.9 PK	74.0	-29.1	1.17 H	47	37.5	7.4
4	7320	36.6 AV	54.0	-17.4	1.17 H	47	29.2	7.4
5	11650	59.8 PK	74.0	-14.2	3.89 H	271	48.3	11.5
6	11650	47.9 AV	54.0	-6.1	3.89 H	271	36.4	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

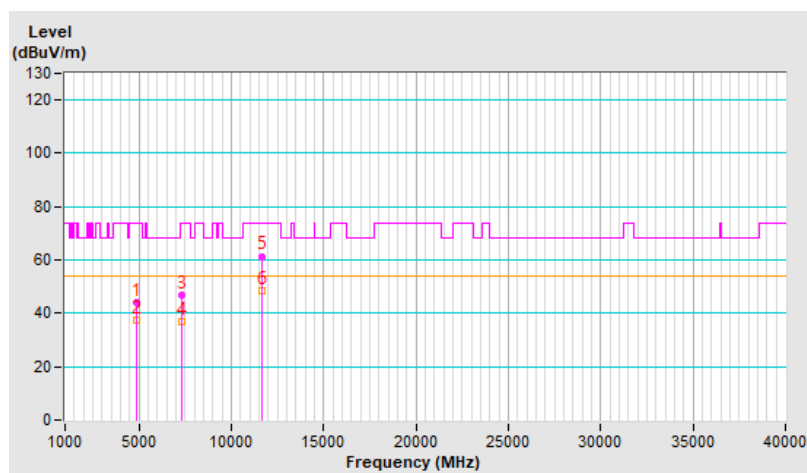


Combination	6		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.9 PK	74.0	-30.1	2.49 V	27	41.5	2.4
2	4880	37.5 AV	54.0	-16.5	2.49 V	27	35.1	2.4
3	7320	46.8 PK	74.0	-27.2	3.66 V	130	39.4	7.4
4	7320	37.1 AV	54.0	-16.9	3.66 V	130	29.7	7.4
5	11650	61.4 PK	74.0	-12.6	2.74 V	310	49.9	11.5
6	11650	48.2 AV	54.0	-5.8	2.74 V	310	36.7	11.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



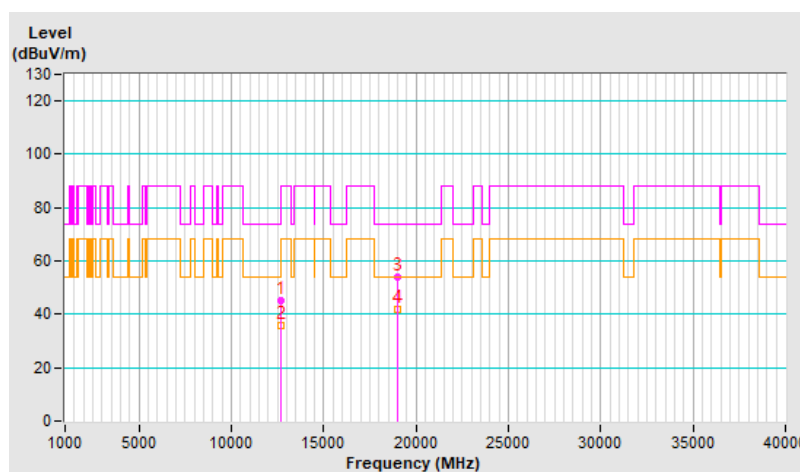
FCC 15.407(WLAN 6G)

Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	45.4 PK	74.0	-28.6	3.99 H	79	32.5	12.9
2	12690	35.6 AV	54.0	-18.4	3.99 H	79	22.7	12.9
3	19035	54.2 PK	74.0	-19.8	2.68 H	124	58.1	-3.9
4	19035	41.6 AV	54.0	-12.4	2.68 H	124	45.5	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

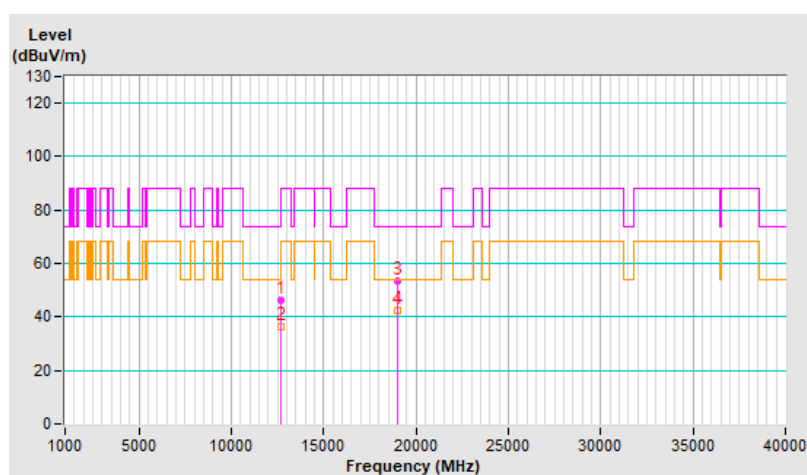


Combination	7		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12690	46.3 PK	74.0	-27.7	3.55 V	212	33.4	12.9
2	12690	36.2 AV	54.0	-17.8	3.55 V	212	23.3	12.9
3	19035	53.6 PK	74.0	-20.4	2.56 V	117	57.5	-3.9
4	19035	42.5 AV	54.0	-11.5	2.56 V	117	46.4	-3.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



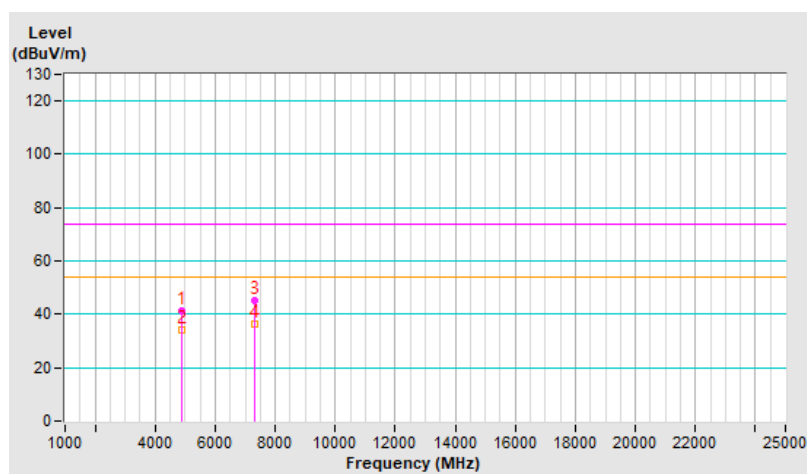
FCC 15.247

Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	41.3 PK	74.0	-32.7	2.74 H	40	38.9	2.4
2	4880	34.1 AV	54.0	-19.9	2.74 H	40	31.7	2.4
3	7320	45.4 PK	74.0	-28.6	1.41 H	24	38.0	7.4
4	7320	36.1 AV	54.0	-17.9	1.41 H	24	28.7	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

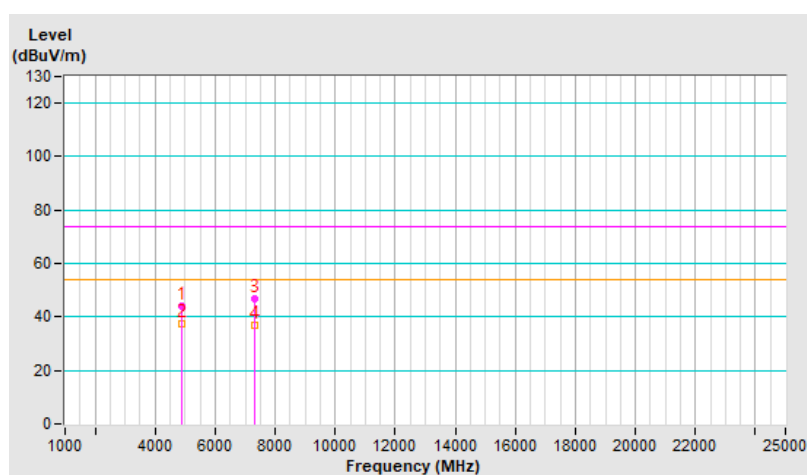


Combination	7		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	43.9 PK	74.0	-30.1	2.74 V	31	41.5	2.4
2	4880	37.5 AV	54.0	-16.5	2.74 V	31	35.1	2.4
3	7320	46.8 PK	74.0	-27.2	3.75 V	84	39.4	7.4
4	7320	37.1 AV	54.0	-16.9	3.75 V	84	29.7	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.407(WLAN 5G)

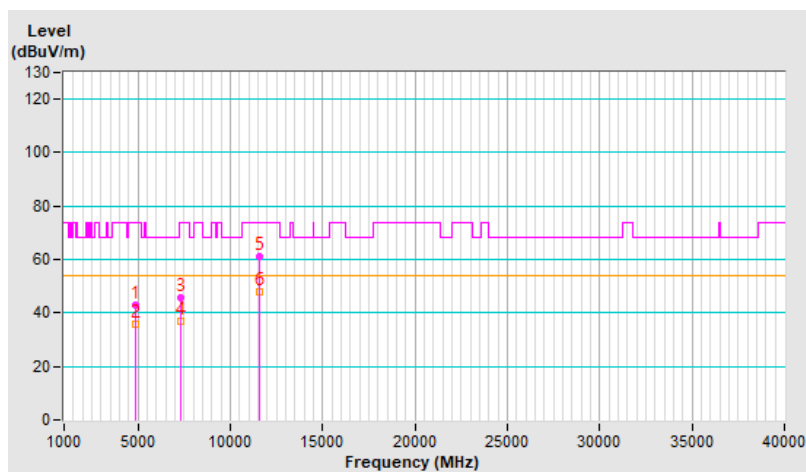
FCC 15.247

Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	42.7 PK	74.0	-31.3	2.65 H	66	40.3	2.4
2	4880	35.8 AV	54.0	-18.2	2.65 H	66	33.4	2.4
3	7320	45.6 PK	74.0	-28.4	1.40 H	40	38.2	7.4
4	7320	37.0 AV	54.0	-17.0	1.40 H	40	29.6	7.4
5	11570	60.9 PK	74.0	-13.1	3.94 H	260	49.1	11.8
6	11570	47.9 AV	54.0	-6.1	3.94 H	260	36.1	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

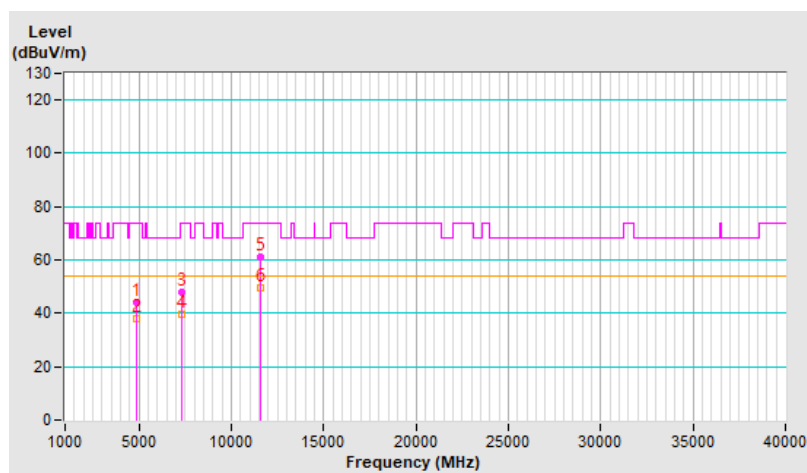


Combination	8		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.0 PK	74.0	-30.0	2.63 V	7	41.6	2.4
2	4880	38.0 AV	54.0	-16.0	2.63 V	7	35.6	2.4
3	7320	48.0 PK	74.0	-26.0	3.46 V	117	40.6	7.4
4	7320	39.8 AV	54.0	-14.2	3.46 V	117	32.4	7.4
5	11570	61.1 PK	74.0	-12.9	2.86 V	322	49.3	11.8
6	11570	49.4 AV	54.0	-4.6	2.86 V	322	37.6	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



FCC 15.247

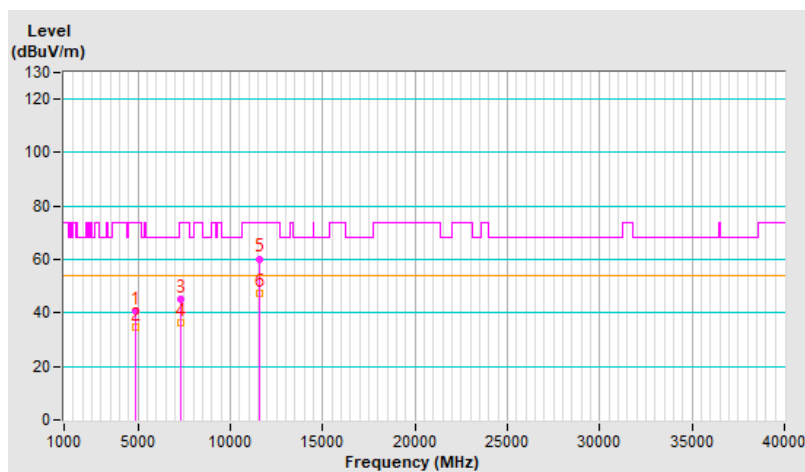
FCC 15.407(WLAN 5G)

Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	40.8 PK	74.0	-33.2	2.61 H	75	38.4	2.4
2	4880	34.7 AV	54.0	-19.3	2.61 H	75	32.3	2.4
3	7320	45.2 PK	74.0	-28.8	1.39 H	38	37.8	7.4
4	7320	36.4 AV	54.0	-17.6	1.39 H	38	29.0	7.4
5	11570	60.3 PK	74.0	-13.7	3.94 H	252	48.5	11.8
6	11570	47.5 AV	54.0	-6.5	3.94 H	252	35.7	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

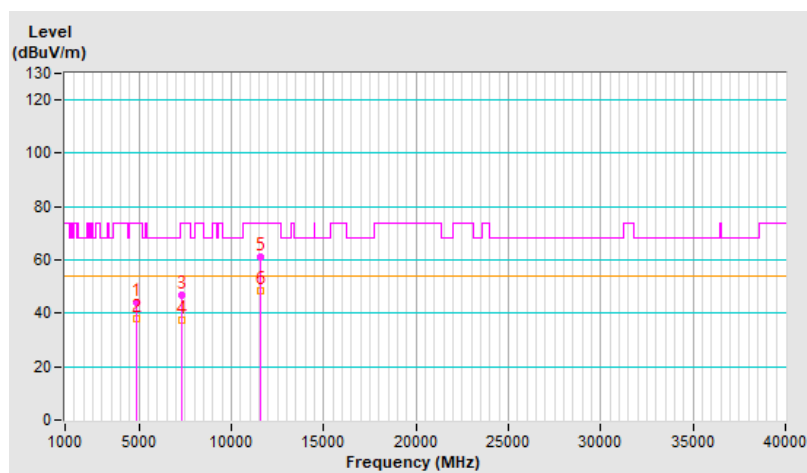


Combination	9		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=3 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.3 PK	74.0	-29.7	2.52 V	26	41.9	2.4
2	4880	37.8 AV	54.0	-16.2	2.52 V	26	35.4	2.4
3	7320	46.8 PK	74.0	-27.2	3.89 V	101	39.4	7.4
4	7320	37.6 AV	54.0	-16.4	3.89 V	101	30.2	7.4
5	11570	61.1 PK	74.0	-12.9	2.82 V	299	49.3	11.8
6	11570	48.5 AV	54.0	-5.5	2.82 V	299	36.7	11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



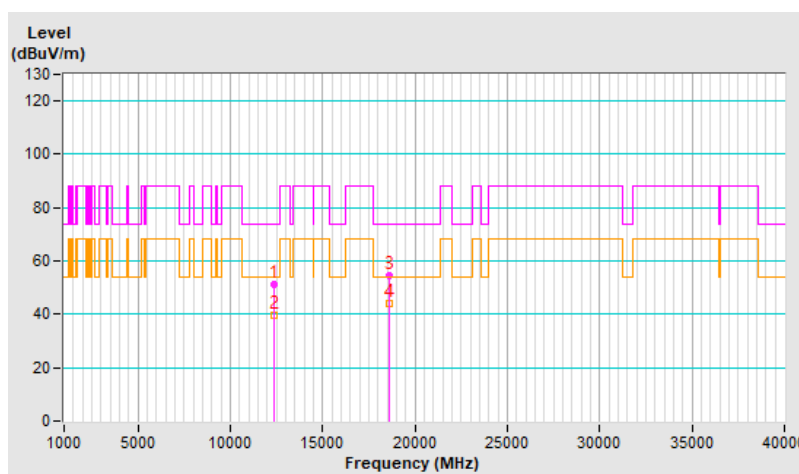
FCC 15.407(WLAN 6G)

Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	51.0 PK	74.0	-23.0	3.52 H	218	40.2	10.8
2	12390	39.4 AV	54.0	-14.6	3.52 H	218	28.6	10.8
3	18585	54.4 PK	74.0	-19.6	2.88 H	320	58.4	-4.0
4	18585	44.1 AV	54.0	-9.9	2.88 H	320	48.1	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

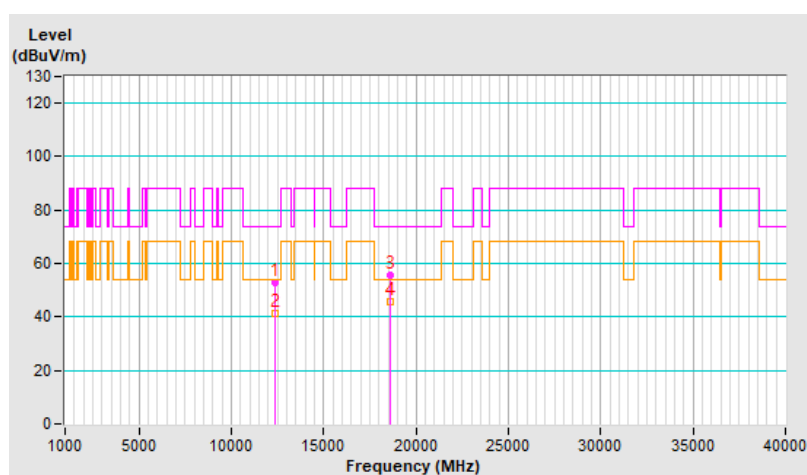


Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=10 Hz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	12390	52.9 PK	74.0	-21.1	3.67 V	320	42.1	10.8
2	12390	41.4 AV	54.0	-12.6	3.67 V	320	30.6	10.8
3	18585	55.6 PK	74.0	-18.4	3.18 V	179	59.6	-4.0
4	18585	45.8 AV	54.0	-8.2	3.18 V	179	49.8	-4.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



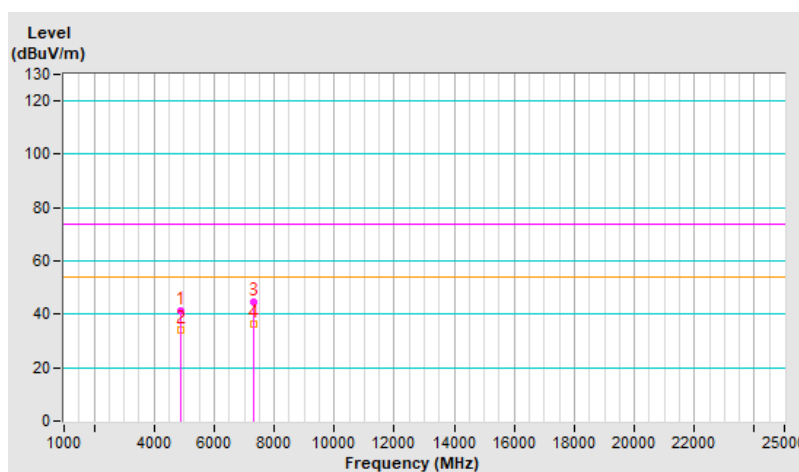
FCC 15.247

Combination	10		
Frequency Range	1 GHz ~ 25 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	41.2 PK	74.0	-32.8	2.63 H	62	38.8	2.4
2	4880	34.2 AV	54.0	-19.8	2.63 H	62	31.8	2.4
3	7320	44.7 PK	74.0	-29.3	1.08 H	53	37.3	7.4
4	7320	36.4 AV	54.0	-17.6	1.08 H	53	29.0	7.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.

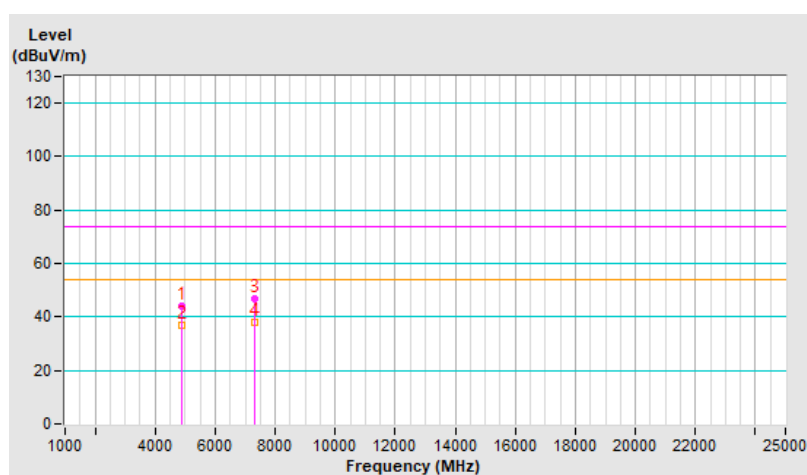


Combination	10		
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=5.1 kHz, DET= Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25 °C, 75% RH
Tested By	Owen Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4880	44.2 PK	74.0	-29.8	2.64 V	33	41.8	2.4
2	4880	37.0 AV	54.0	-17.0	2.64 V	33	34.6	2.4
3	7320	46.7 PK	74.0	-27.3	3.60 V	89	39.3	7.4
4	7320	38.0 AV	54.0	-16.0	3.60 V	89	30.6	7.4

Remarks:

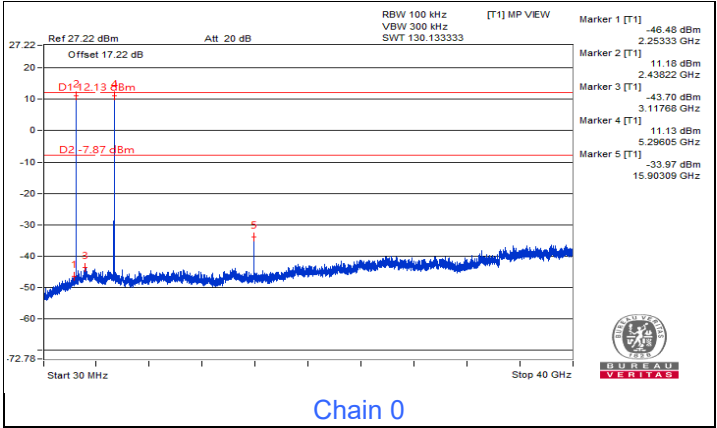
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.



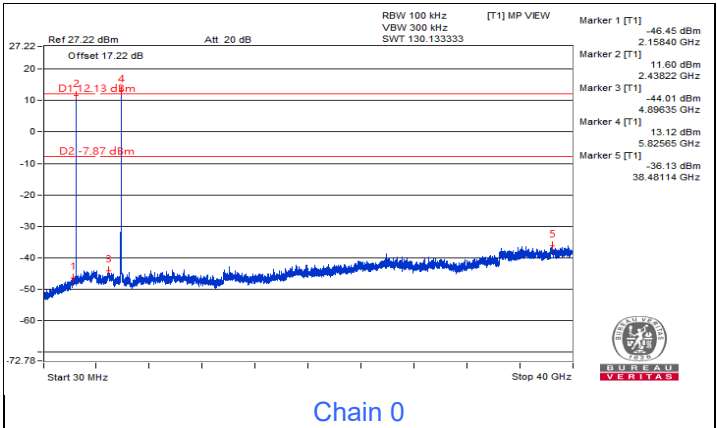
7.3 Conducted Out of Band Emissions

Environmental Conditions:	26°C, 62% RH	Tested By:	Dolly Chung
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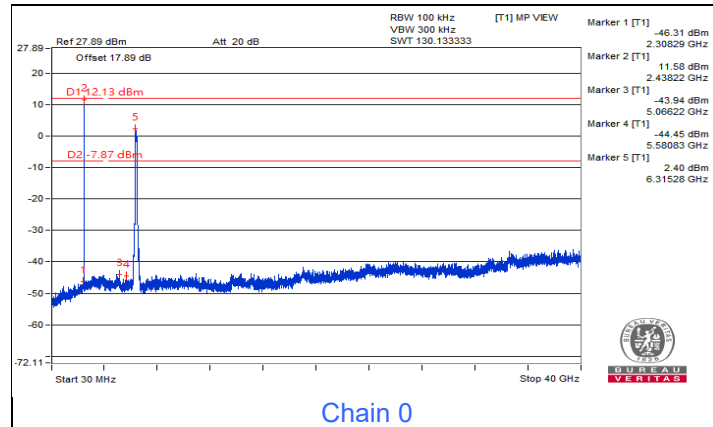
Combination 1



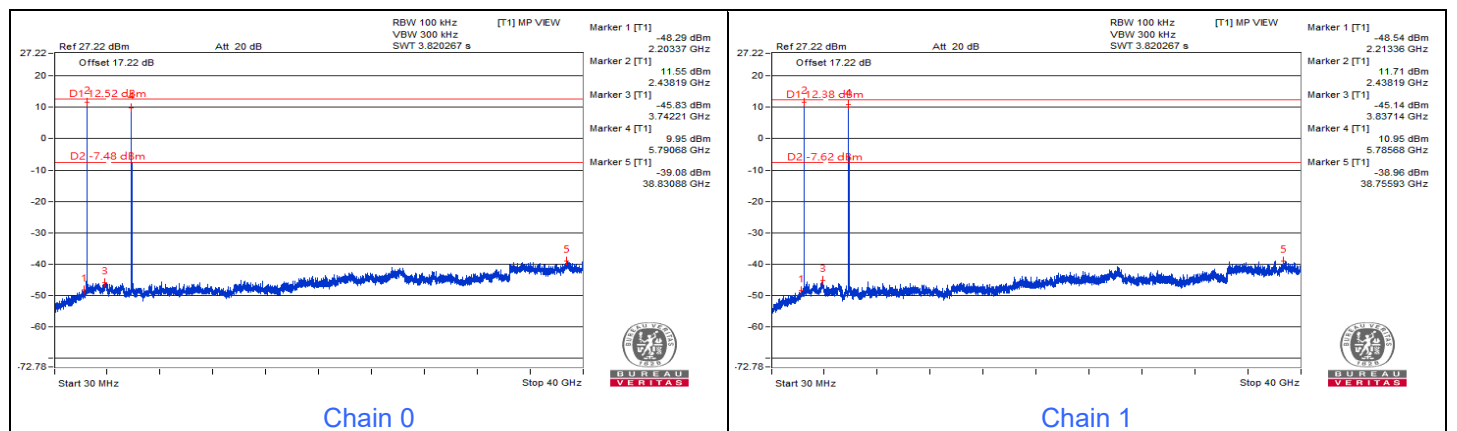
Combination 2



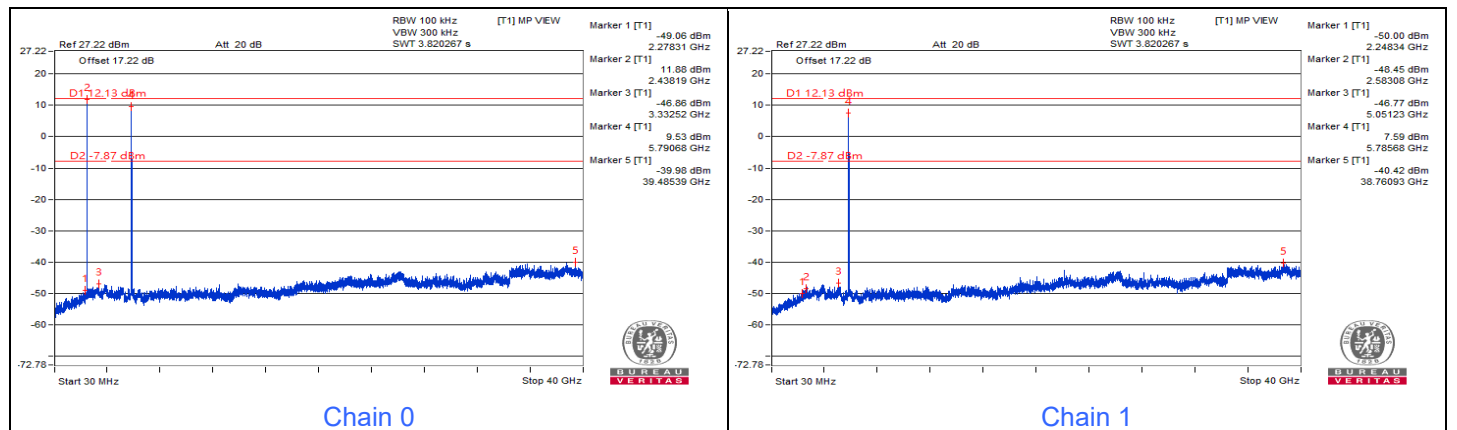
Combination 3



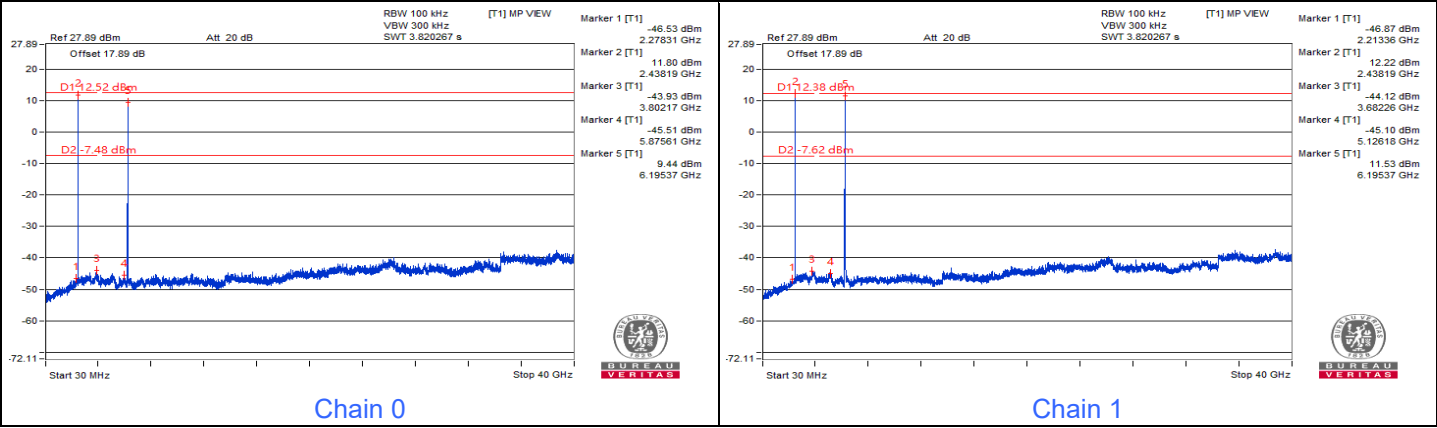
Combination 8



Combination 9



Combination 10



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.

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