FCC RADIO TEST REPORT

FCC ID	**:**	**IHDT56AA6**
Equipment	**:**	**Wearable Cellular Device**
Brand Name	**:**	**Motorola**
Model Name	**:**	**XT2209-1**
Applicant	**:**	**Motorola Mobility, LLC** **222 W Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States**
Manufacturer	**:**	**Motorola Mobility, LLC** **222 W Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Oct. 19, 2021 and testing was performed from Oct. 20, 2021 to Dec. 03, 2021. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan

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History of this test report

Report No.	Version	Description	Issue Date
FR1O2008D	01	Initial issue of report	Dec. 06, 2021
FR1O2008D	02	1. Revise description in section 2.2 2. Revise report typo	Dec. 08, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	3.21 dB under the limit at 5150.000 MHz
3.5	15.207	AC Conducted Emission	Pass	19.19 dB under the limit at 0.969 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Vivian Hsu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wearable Cellular Device
Brand Name	Motorola
Model Name	XT2209-1
FCC ID	IHDT56AA6
IMEI Code	**Conducted :** 356636550004361
	Conduction : 356636550004478
	Radiation : 356636550004429
EUT supports Radios application	LTE/5G NR/GNSS WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE
HW Version	EVT1
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer.

Accessory List	
Battery	Brand Name : Motorola
	Model Name : NR70

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna <CDD Mode>	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 4+5>** 802.11a: 20.96 dBm / 0.1247 W 802.11n HT20: 21.06 dBm / 0.1276 W 802.11n HT40: 20.76 dBm / 0.1191 W 802.11ac VHT20: 20.96 dBm / 0.1247 W 802.11ac VHT40: 20.66 dBm / 0.1164 W 802.11ac VHT80: 19.26 dBm / 0.0843 W 802.11ac VHT160: 18.27 dBm / 0.0671 W 802.11ax HE20: 21.16 dBm / 0.1306 W 802.11ax HE40: 20.86 dBm / 0.1219 W 802.11ax HE80: 19.16 dBm / 0.0824 W 802.11ax HE160: 18.17 dBm / 0.0656 W
	<5260 MHz ~ 5320 MHz> **MIMO <Ant. 4+5>** 802.11a: 21.31 dBm / 0.1352 W 802.11n HT20: 21.36 dBm / 0.1368 W 802.11n HT40: 20.66 dBm / 0.1164 W 802.11ac VHT20: 21.26 dBm / 0.1337 W 802.11ac VHT40: 20.56 dBm / 0.1138 W 802.11ac VHT80: 18.61 dBm / 0.0726 W 802.11ax HE20: 21.46 dBm / 0.1400 W 802.11ax HE40: 20.76 dBm / 0.1191 W 802.11ax HE80: 18.51 dBm / 0.0710 W
	<5500 MHz ~ 5720 MHz> **MIMO <Ant. 4+5>** 802.11a: 21.53 dBm / 0.1422 W 802.11n HT20: 21.53 dBm / 0.1422 W 802.11n HT40: 21.08 dBm / 0.1282 W 802.11ac VHT20: 21.43 dBm / 0.1390 W 802.11ac VHT40: 20.98 dBm / 0.1253 W 802.11ac VHT80: 19.37 dBm / 0.0865 W 802.11ac VHT160: 18.38 dBm / 0.0689 W 802.11ax HE20: 21.63 dBm / 0.1455 W 802.11ax HE40: 21.18 dBm / 0.1312 W 802.11ax HE80: 19.27 dBm / 0.0845 W 802.11ax HE160: 18.28 dBm / 0.0673 W
Maximum Output Power to Antenna <TXBF Mode>	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 4+5>** 802.11ac VHT20: 19.21 dBm / 0.0834 W 802.11ac VHT40: 19.56 dBm / 0.0904 W 802.11ac VHT80: 19.16 dBm / 0.0824 W 802.11ax HE20: 19.31 dBm / 0.0853 W 802.11ax HE40: 19.66 dBm / 0.0925 W 802.11ax HE80: 19.26 dBm / 0.0843 W

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>99% Occupied Bandwidth
<CDD Mode></td><td>MIMO <Ant. 4>
802.11a: 16.53 MHz
802.11ac VHT80: 75.52 MHz
802.11ac VHT160: 154.41 MHz
802.11ax HE20: 18.98 MHz
802.11ax HE40: 38.06 MHz
MIMO <Ant. 5>
802.11a: 16.43 MHz
802.11ac VHT80: 75.52 MHz
802.11ac VHT160: 154.89 MHz
802.11ax HE20: 18.98 MHz
802.11ax HE40: 38.06 MHz</td></tr>
<tr><td>99% Occupied Bandwidth
<TXBF Mode></td><td>MIMO <Ant. 4>
802.11ac VHT80: 76.00 MHz
802.11ax HE20: 19.13 MHz
802.11ax HE40: 38.36 MHz
MIMO <Ant. 5>
802.11ac VHT80: 76.00 MHz
802.11ax HE20: 19.18 MHz
802.11ax HE40: 38.46 MHz</td></tr>
<tr><td>Antenna Type</td><td>Ant. 4 : Printed ILA Antenna Type Antenna
Ant. 5 : Printed ILA Antenna Type Antenna</td></tr>
<tr><td rowspan="3">Antenna Gain</td><td><5180 MHz ~ 5240 MHz>
Ant. 4 : -0.6 dBi
Ant. 5 : -2.5 dBi</td></tr>
<tr><td><5260 MHz ~ 5320 MHz>
Ant. 4 : -0.6 dBi
Ant. 5 : -2.5 dBi</td></tr>
<tr><td><5500 MHz ~ 5720 MHz>
Ant. 4 : -0.6 dBi
Ant. 5 : -2.5 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
802.11ax : OFDMA
(BPSK/QPSK/16QAM/64QAM/256QAM/ 1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td>
<table>
<tr><th></th><th>Ant. 4</th><th>Ant. 5</th></tr>
<tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr>
<tr><td>802.11 ac/ax TXBF</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

Note:

1. MIMO Ant. 4+5 is a calculated result from sum of the power MIMO Ant. 4 and MIMO Ant. 5
2. The above EUT's information is declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY (TAF Code: 1190)
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH15-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW3786

1.5 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find X plane as worst plane.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160.

2.2 Test Mode

The final test modes consider the modulation and the worst data rates as shown in the table below.

CDD Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80 (Covered by VHT80)	MCS0
802.11ax HE160 (Covered by VHT160)	MCS0

TXBF Mode

Modulation	Data Rate
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80 (Covered by VHT80)	MCS0

Note:

1. Since the verify power, the smaller power can be covered by the higher power. The SISO Mode are covered by MIMO Mode.
2. The TXBF mode of device only support WLAN 5GHz band 1 in 802.11ac and ax mode.
3. For 802.11ax Since the verify power& PSD , the smaller power can be covered by the higher power. The Partial RU are covered by Full RU

Test Cases	
AC Conducted Emission	Mode 1 : LTE Band 2 Link + Bluetooth Link + WLAN (5GHz) Link + Bottom USB Port (Charging from Adapter)

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

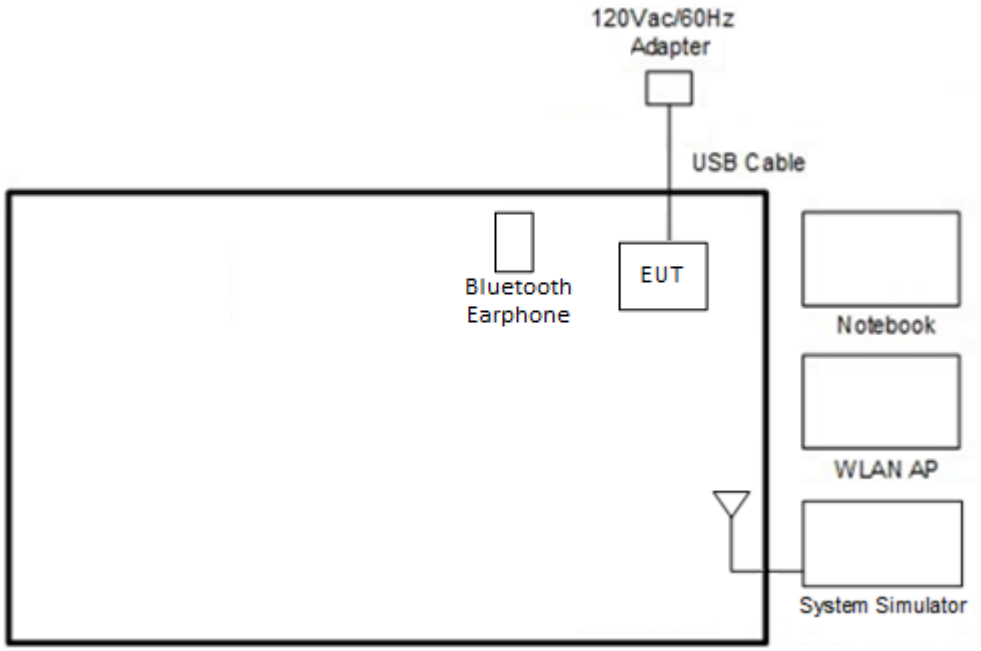
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11ac VHT160	802.11ac VHT160
Ch. #	50	114

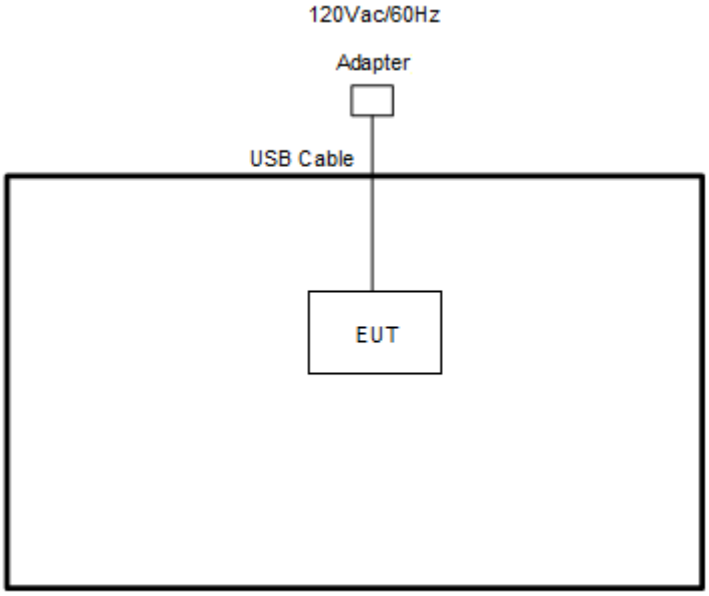
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	USB Cable	Samsung	N/A	N/A	Shielded,1.3m	N/A
6.	USB Cable	N/A	N/A	N/A	Unshielded,0.8m	N/A
7.	Adapter	DVE	DSA-5PFM-05 FUS	FCC DoC	N/A	N/A
8.	Adapter	Samsung	GT-N7000	NA	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT 4.0.00193.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “Vysor-win-3.1.4” software tool was used to enable the EUT to transmit signals continuously.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

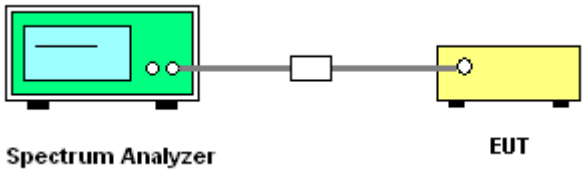
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup

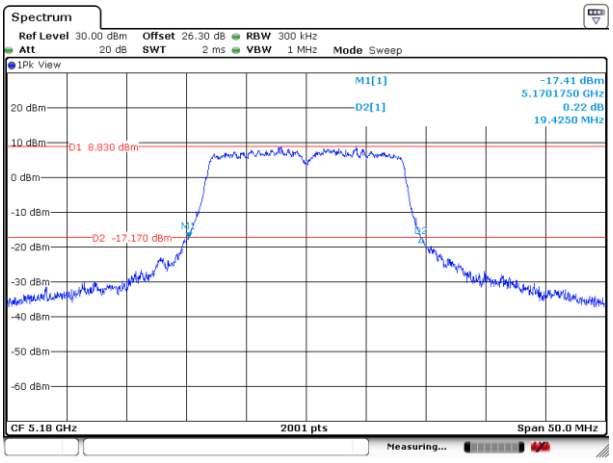
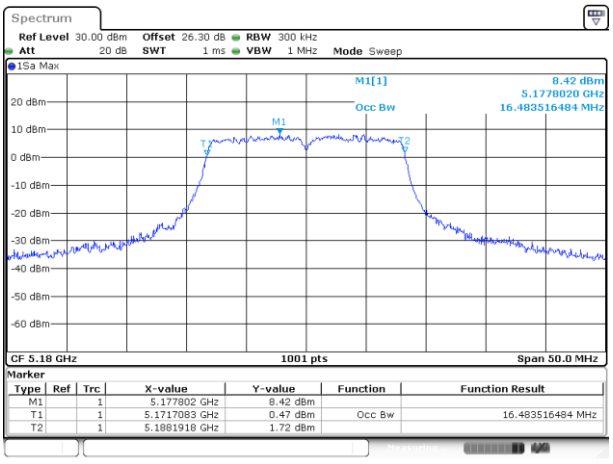


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

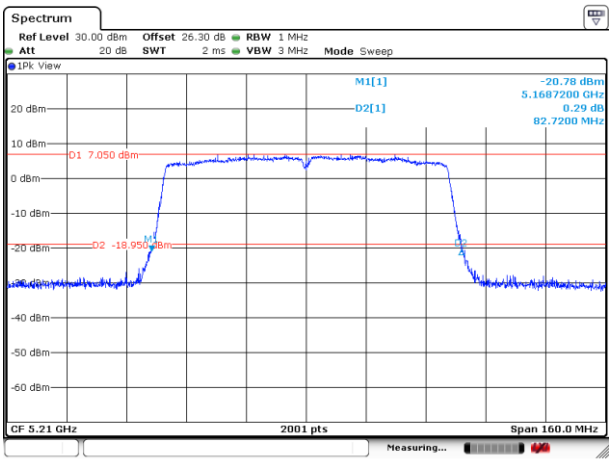
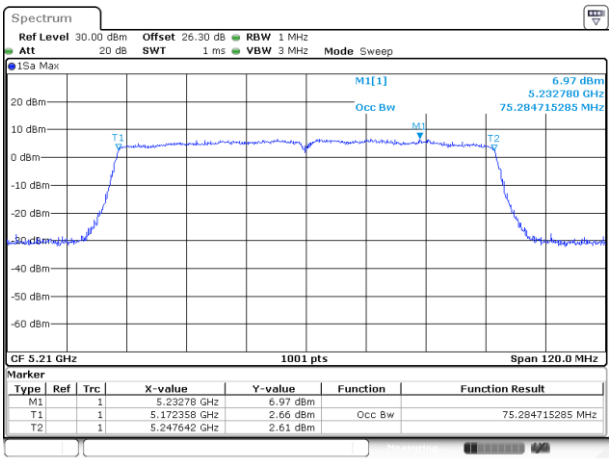
<CDD Mode>

<802.11a Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

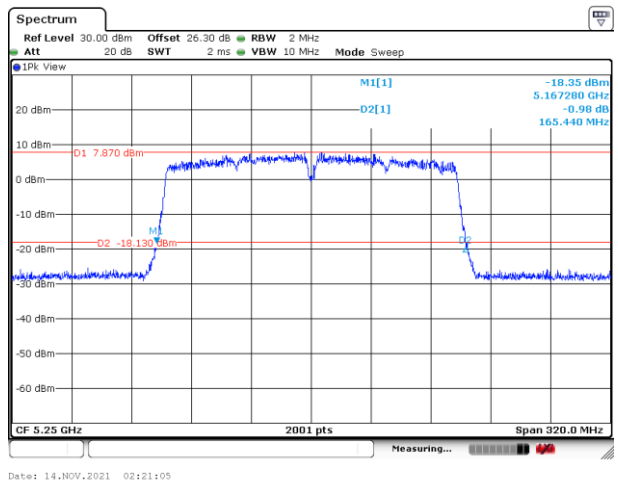
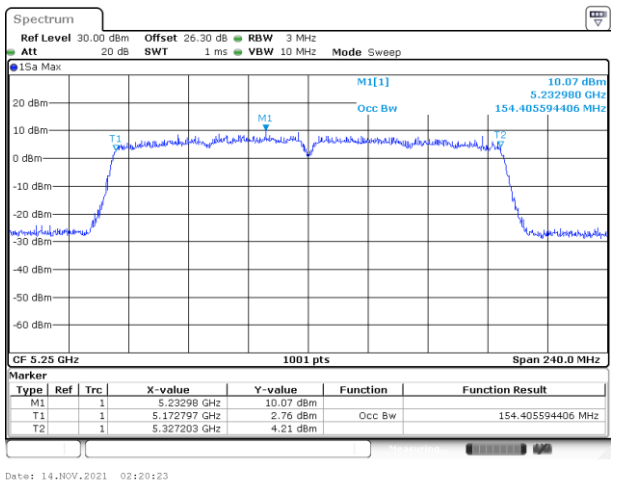
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

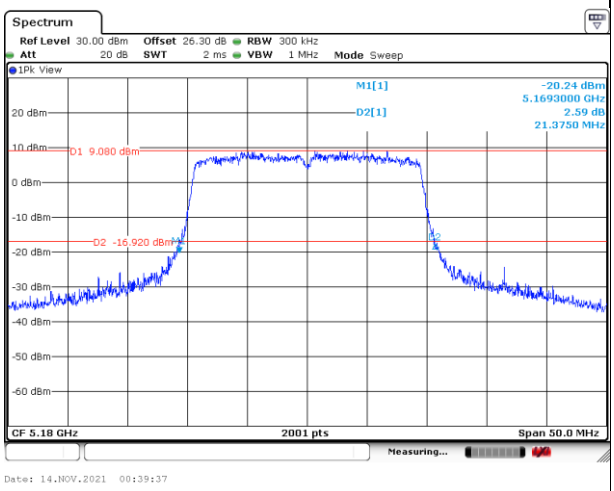
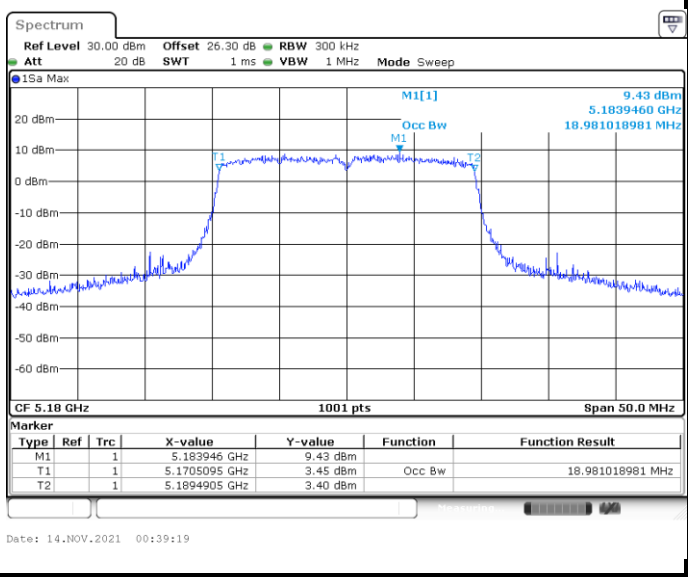
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

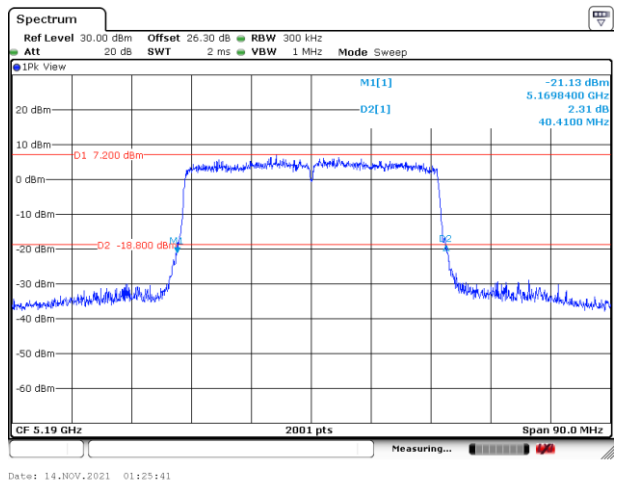
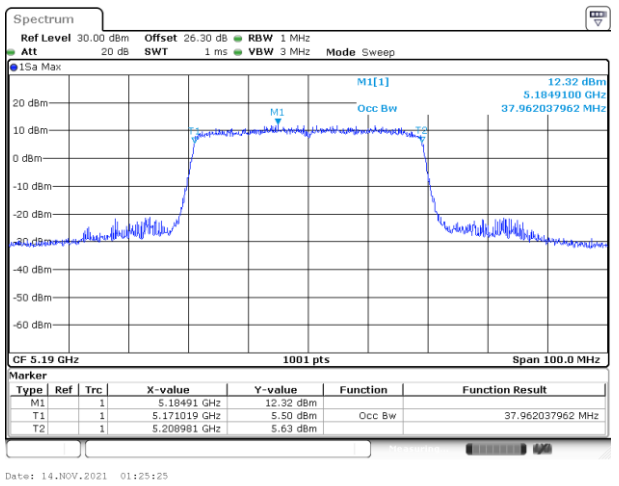
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

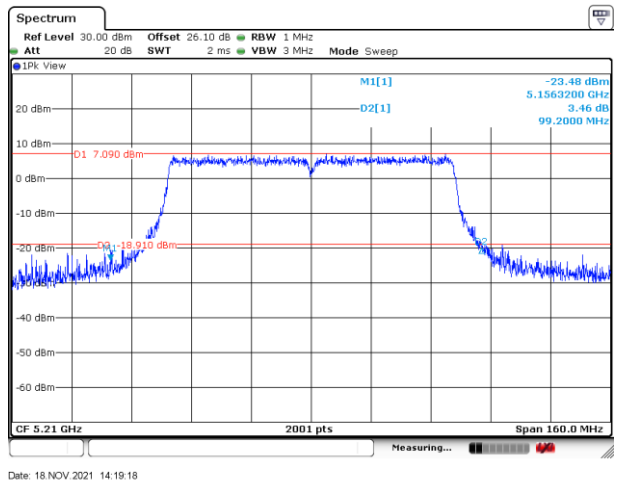
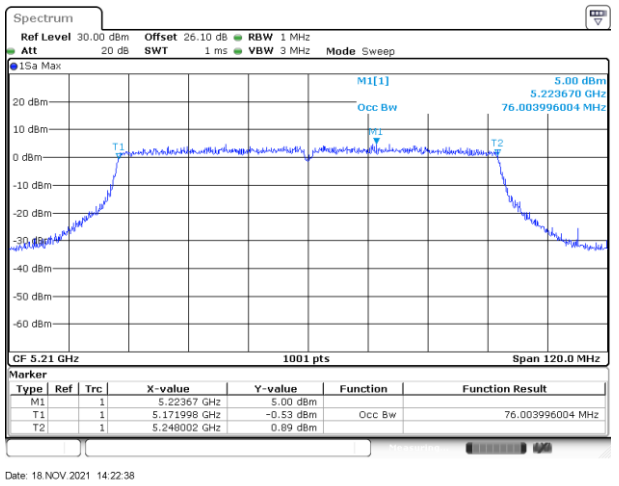
<802.11ax HE40 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

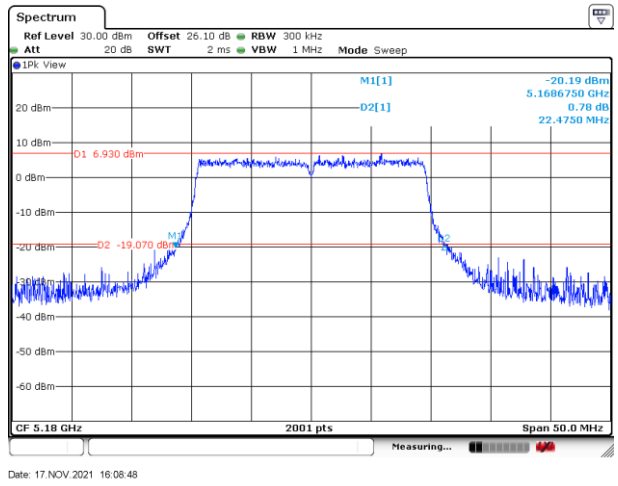
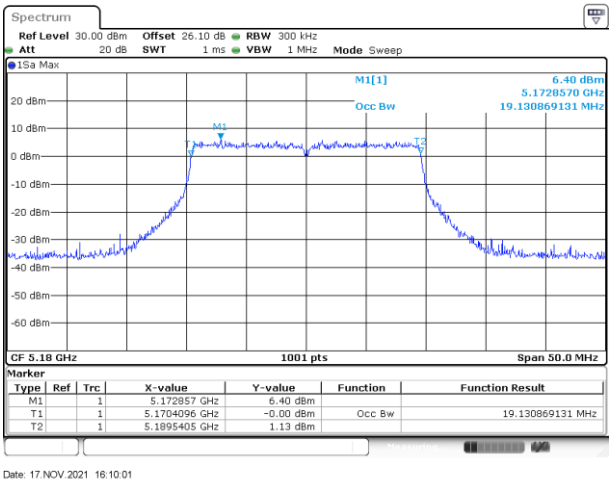
<TXBF Modes>

<802.11ac VHT80 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

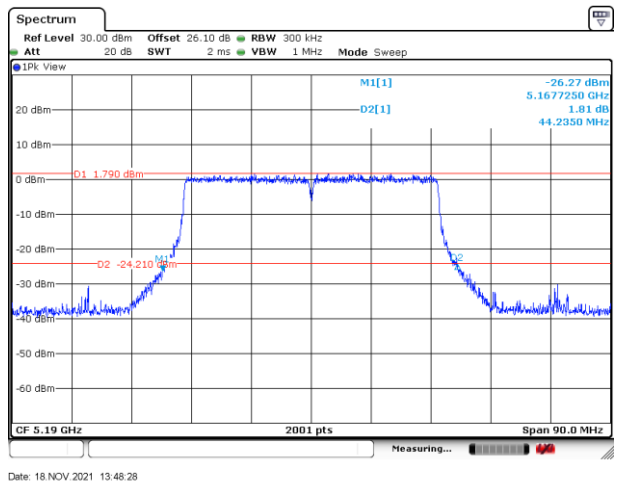
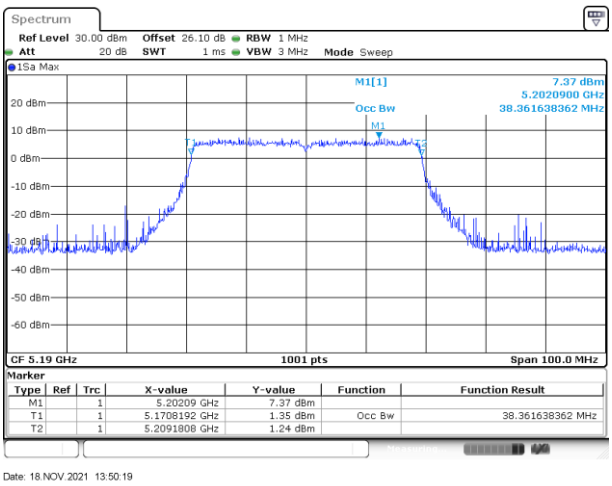
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40 Mode>

26dB Bandwidth	99% Occupied Bandwidth
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

■ The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

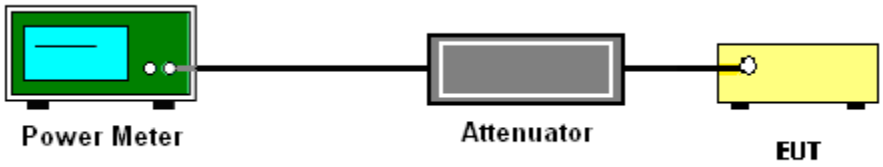
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

 # Method SA-3 #

(power averaging (rms) detection with max hold):

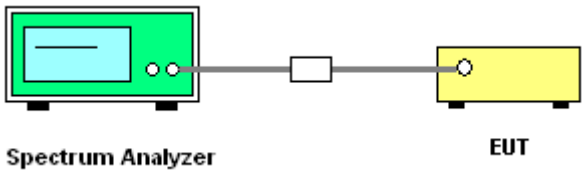
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
  Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (a): Measure and sum the spectra across the outputs.

   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

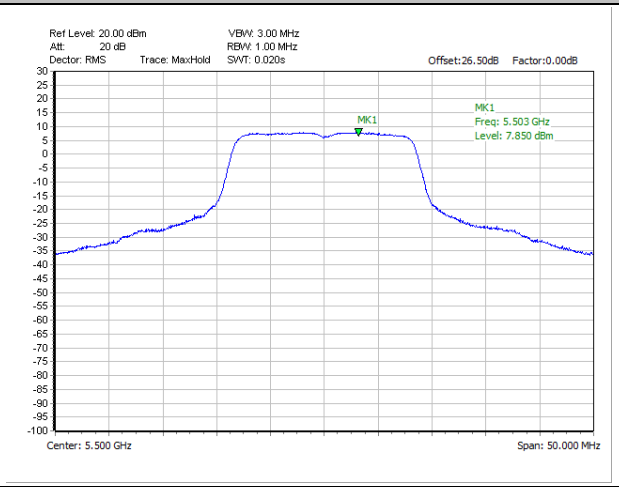
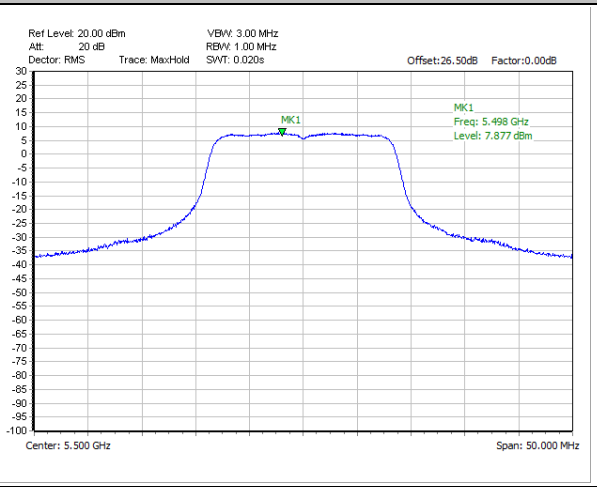
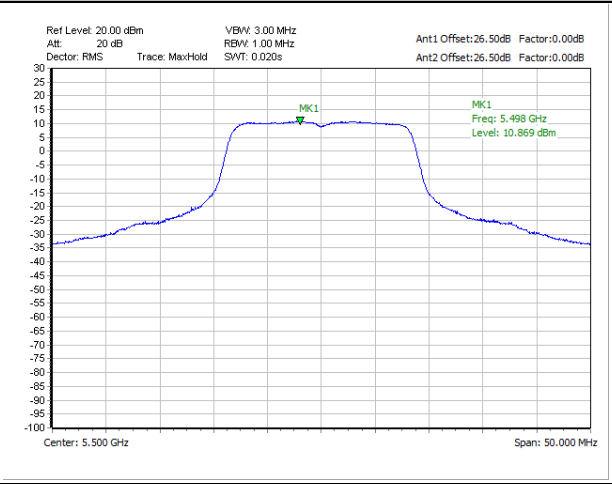


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

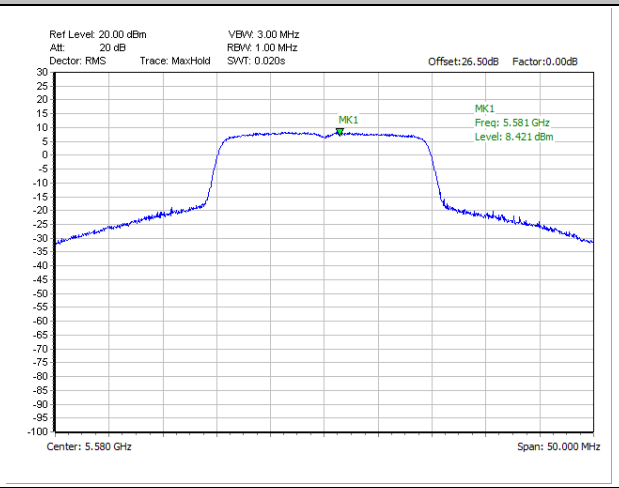
<CDD Modes>

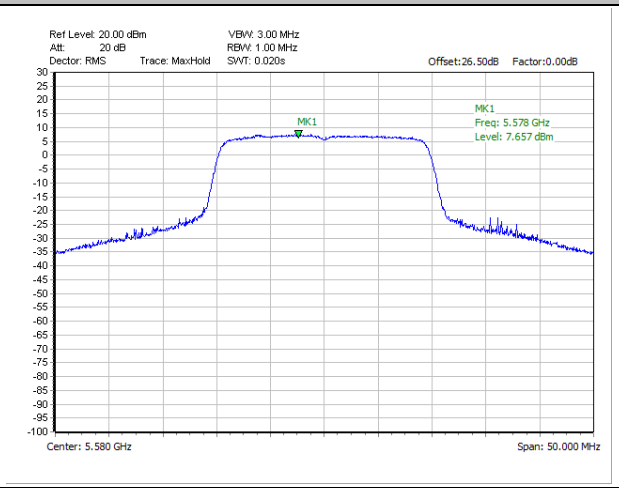
<802.11a Mode>

Worst Case Power Density (dBm/MHz)	
MIMO Ant. 4	MIMO Ant. 5
	
MIMO Ant. 4+5	
	

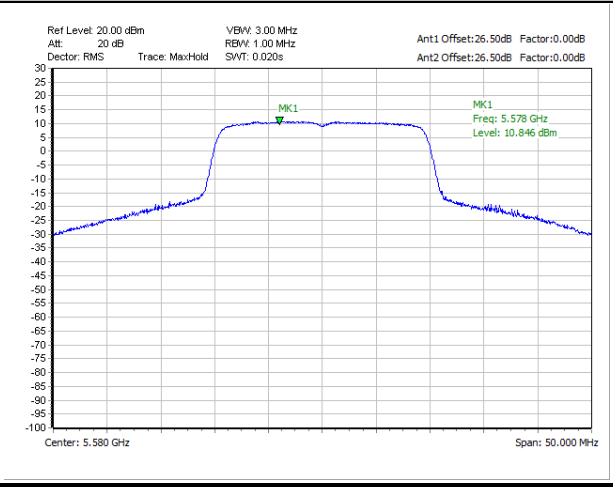
<802.11ax Mode>

Worst Case Power Density (dBm/MHz)	
MIMO Ant. 4	MIMO Ant. 5



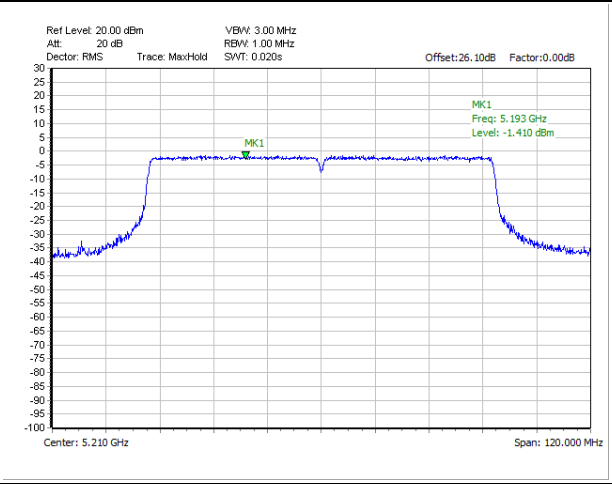
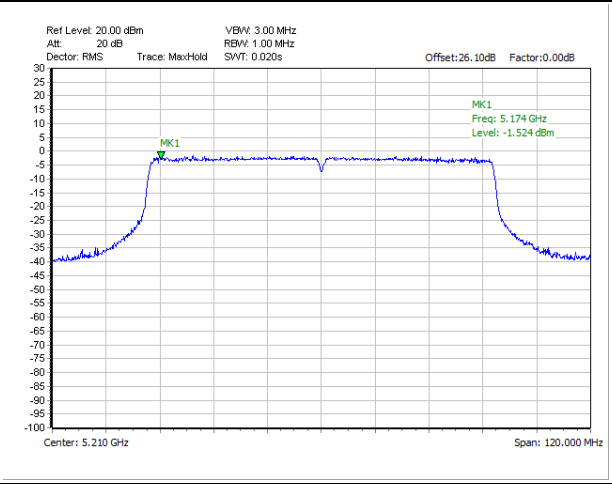
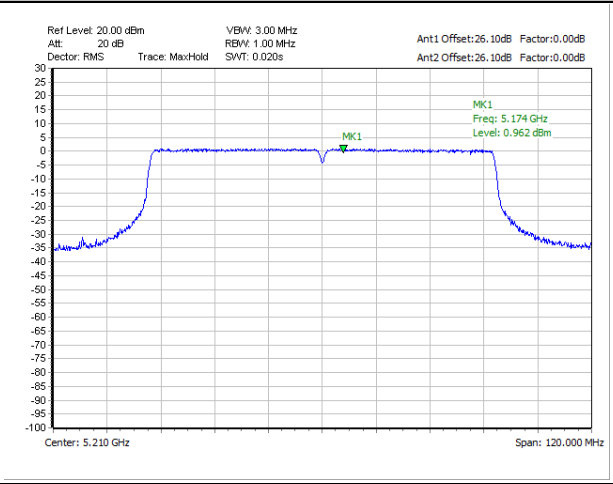


MIMO Ant. 4+5



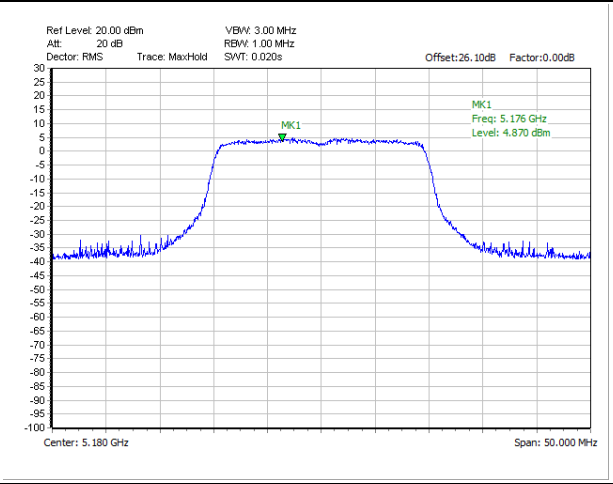
<TXBF Modes>

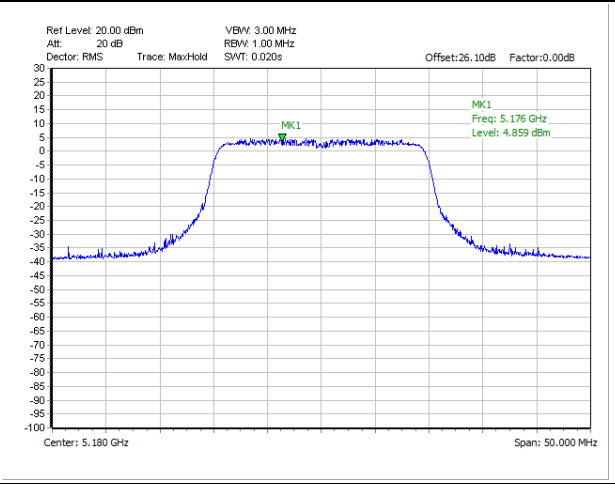
<802.11ac VHT80 Mode>

Worst Case Power Density (dBm/MHz)	
MIMO Ant. 4	**MIMO Ant. 5**
	
MIMO Ant. 4+5	
	

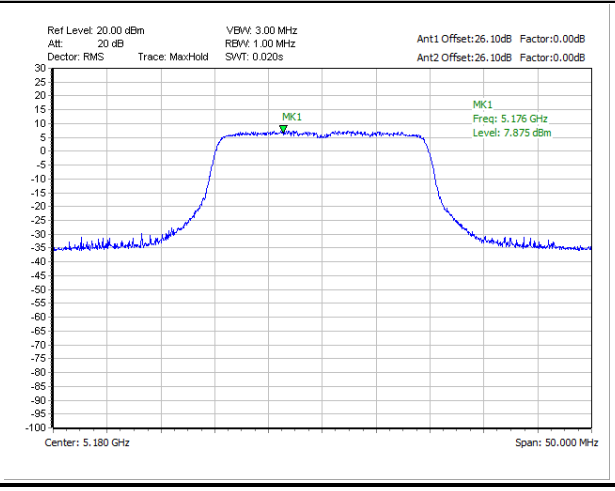
<802.11ax Mode>

Worst Case Power Density (dBm/MHz)	
MIMO Ant. 4	MIMO Ant. 5





MIMO Ant. 4+5



3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of –27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

Frequency (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

Note: The following formula is used to convert the EIRP to field strength.

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

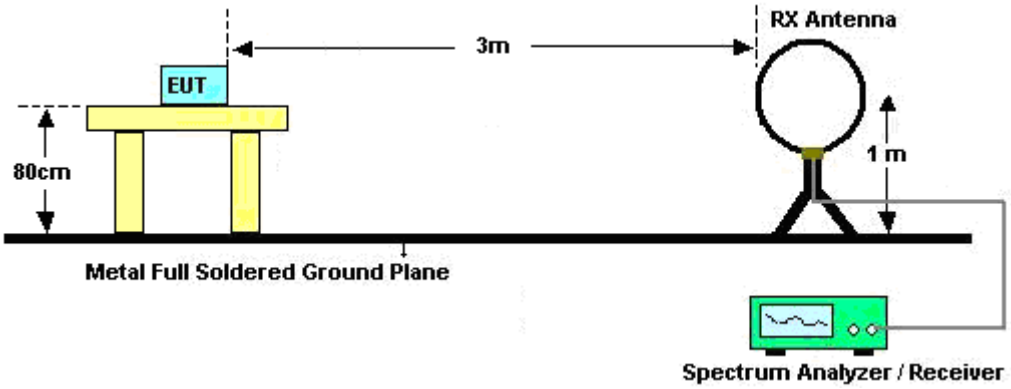
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

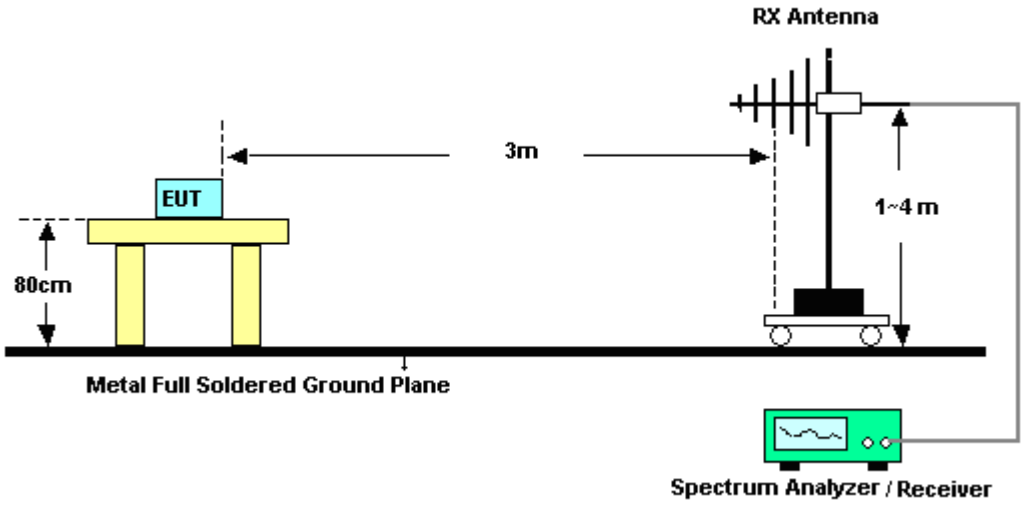
3.4.4 Test Setup

For radiated emissions below 30MHz

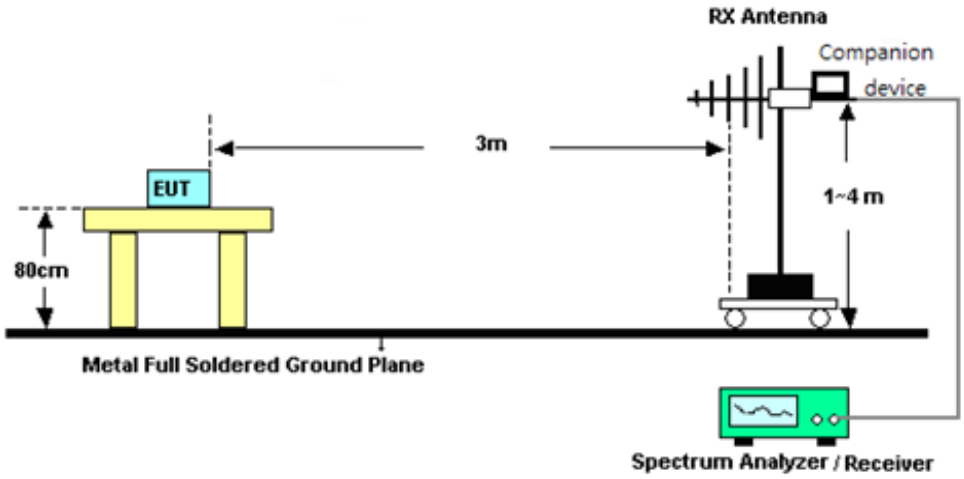


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

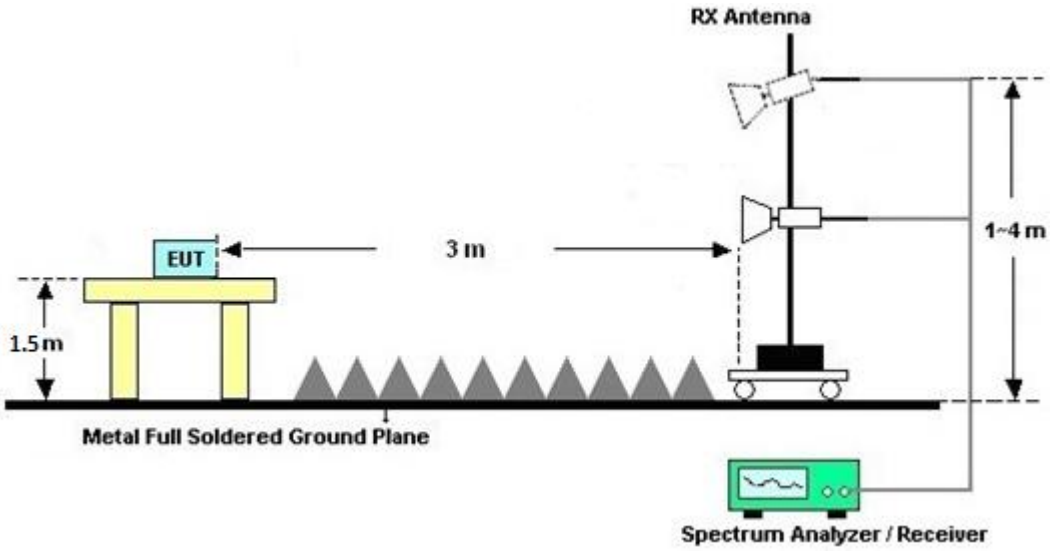


<TXBF Modes>

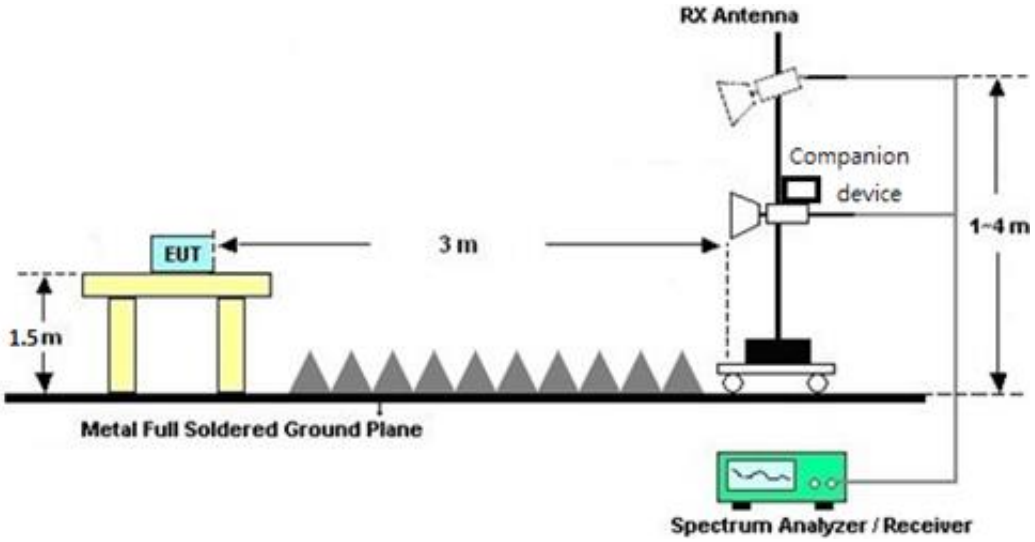


For radiated test from 1GHz to 18GHz

<CDD Mode>

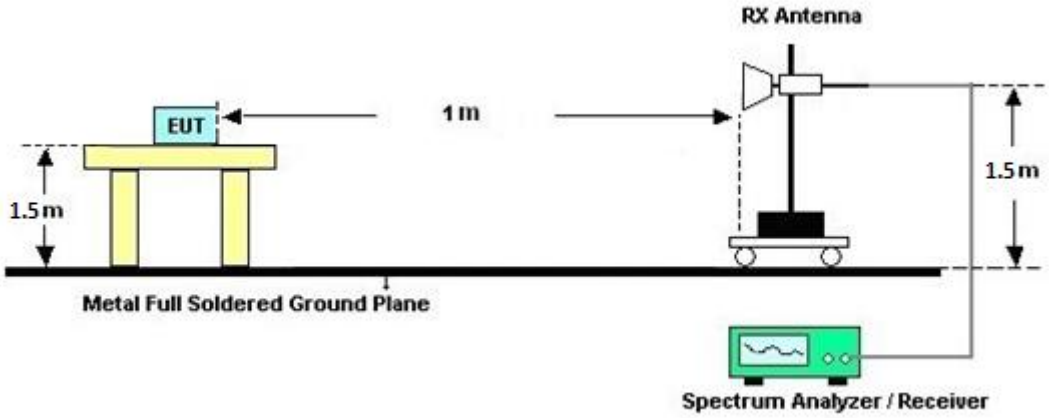


<TXBF Modes>



For radiated test above 18GHz

<CDD Mode>



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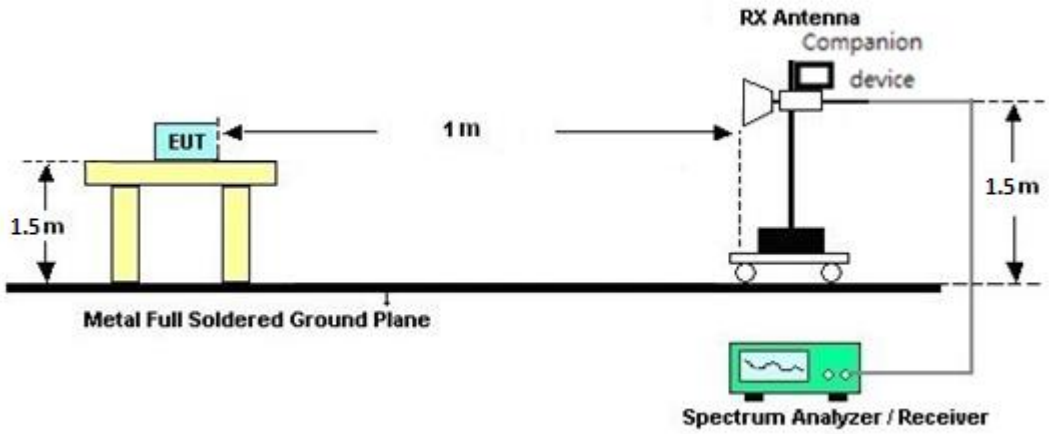


3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

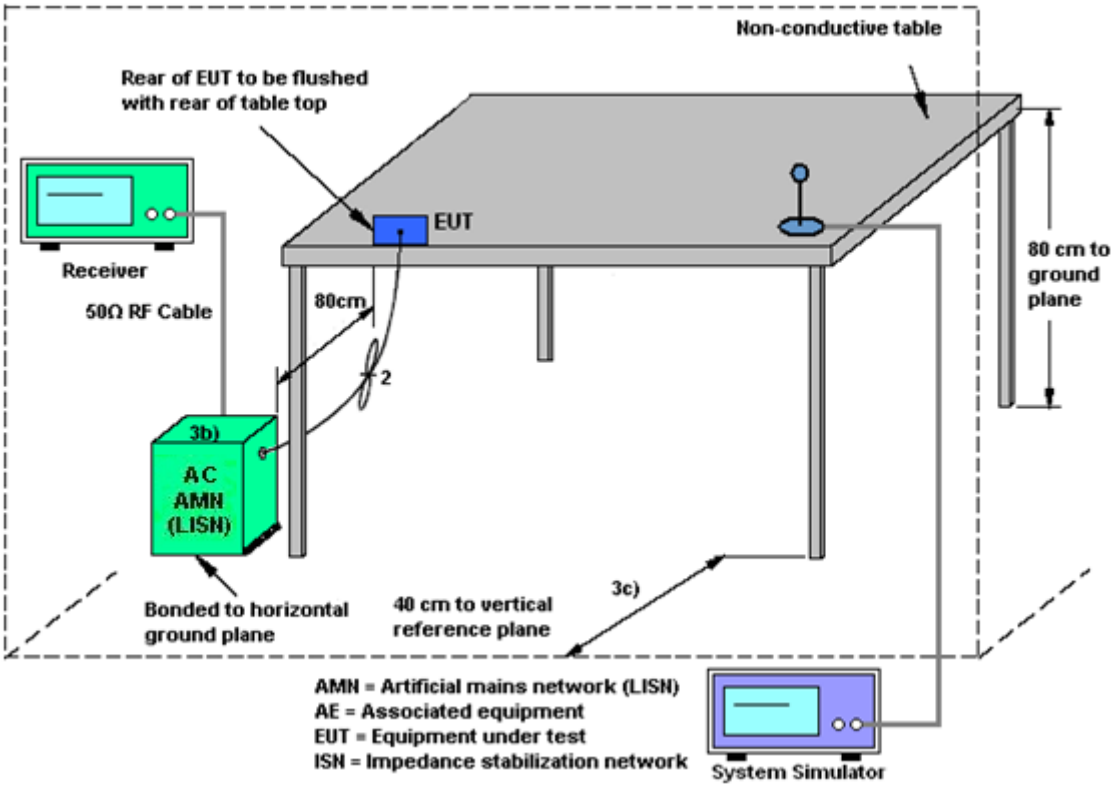
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(N_{ANT}/N_{SS}=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 4 (dBi)	Ant. 5 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-0.60	-2.50	-0.60	1.51	0.00	0.00
Band II	-0.60	-2.50	-0.60	1.51	0.00	0.00
Band III	-0.60	-2.50	-0.60	1.51	0.00	0.00

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

TXBF modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

	Ant. 4 (dBi)	Ant. 5 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-0.60	-2.50	1.51	1.51	0.00	0.00
Band II	-0.60	-2.50	1.51	1.51	0.00	0.00
Band III	-0.60	-2.50	1.51	1.51	0.00	0.00

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Oct. 27, 2021~ Dec. 03, 2021	Jan. 03, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Oct. 27, 2021~ Dec. 03, 2021	Feb. 07, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Oct. 27, 2021~ Dec. 03, 2021	Dec. 27, 2021	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Oct. 25, 2021	Oct. 27, 2021~ Dec. 03, 2021	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00991	18GHz~40GHz	May 12, 2021	Oct. 27, 2021~ Dec. 03, 2021	May 11, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005006	1GHz~18GHz	May 06, 2021	Oct. 27, 2021~ Dec. 03, 2021	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 19, 2021	Oct. 27, 2021~ Dec. 03, 2021	Aug. 18, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Oct. 27, 2021~ Dec. 03, 2021	Jun. 21, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Oct. 27, 2021~ Dec. 03, 2021	Jul. 14, 2022	Radiation (03CH15-HY
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 07, 2021	Oct. 27, 2021~ Dec. 03, 2021	May 06, 2022	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Oct. 27, 2021~ Dec. 03, 2021	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Oct. 27, 2021~ Dec. 03, 2021	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Oct. 27, 2021~ Dec. 03, 2021	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4PE, 508405/2E	30MHz~18G	Nov. 15, 2021	Nov. 15, 2021~ Dec. 03, 2021	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 22, 2021	Oct. 27, 2021~ Dec. 03, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 22, 2021	Oct. 27, 2021~ Dec. 03, 2021	Feb. 21, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Oct. 27, 2021~ Dec. 03, 2021	Mar. 10, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN4	1.53GHz Low Pass Filter	Jul. 02, 2021	Oct. 27, 2021~ Dec. 03, 2021	Jul. 01, 2022	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jun. 30, 2021	Oct. 27, 2021~ Dec. 03, 2021	Jun. 29, 2022	Radiation (03CH15-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 05, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Nov. 05, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Nov. 05, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Nov. 05, 2021	Nov. 30, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Nov. 05, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 05, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Nov. 05, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Nov. 05, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 01, 2021	Oct. 20, 2021~ Nov. 18, 2021	Feb. 28, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12	10MHz~6GHz	Dec. 09, 2020	Oct. 20, 2021~ Nov. 18, 2021	Dec. 08, 2021	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE2323	GET861546	0V~64V 0A~6A	Jun. 22, 2021	Nov. 05, 2021~ Nov. 18, 2021	Jun. 21, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Aug. 30, 2021	Oct. 20, 2021~ Nov. 18, 2021	Aug. 29, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Oct. 20, 2021~ Nov. 18, 2021	Mar. 16, 2022	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.8 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3 dB**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.6 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu and Benny Ku	Temperature:	21~25	°C
Test Date:	2021/10/20~2021/11/18	Relative Humidity:	51~55.8	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)			Note
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	36	5180	16.48	16.38	19.43	19.70	-		22.14			
11a	6Mbps	2	44	5220	16.48	16.38	19.68	19.58	-		22.14			
11a	6Mbps	2	48	5240	16.48	16.38	19.55	19.43	-		22.14		-	
VHT80	MCS0	2	42	5210	75.28	75.40	82.72	82.56	-		23.01			
VHT160	MCS0	2	50	5250	154.41	154.89	165.44	165.60	-		23.01			

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TEST RESULTS DATA
Average Power Table

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	36	5180	17.80	18.10	20.96	24.00		-0.60			Pass
11a	6Mbps	2	44	5220	17.80	18.00	20.91	24.00		-0.60			Pass
11a	6Mbps	2	48	5240	17.80	17.90	20.86	24.00		-0.60			Pass
HT20	MCS0	2	36	5180	17.00	17.40	20.21	24.00		-0.60			Pass
HT20	MCS0	2	44	5220	18.00	18.10	21.06	24.00		-0.60			Pass
HT20	MCS0	2	48	5240	17.80	18.10	20.96	24.00		-0.60			Pass
HT40	MCS0	2	38	5190	16.70	16.80	19.76	24.00		-0.60			Pass
HT40	MCS0	2	46	5230	17.70	17.80	20.76	24.00		-0.60		-	Pass
VHT20	MCS0	2	36	5180	16.90	17.30	20.11	24.00		-0.60			Pass
VHT20	MCS0	2	44	5220	17.90	18.00	20.96	24.00		-0.60			Pass
VHT20	MCS0	2	48	5240	17.70	18.00	20.86	24.00		-0.60			Pass
VHT40	MCS0	2	38	5190	16.60	16.70	19.66	24.00		-0.60			Pass
VHT40	MCS0	2	46	5230	17.60	17.70	20.66	24.00		-0.60			Pass
VHT80	MCS0	2	42	5210	16.20	16.30	19.26	24.00		-0.60			Pass
VHT160	MCS0	2	50	5250	14.90	15.60	18.27	24.00		-0.60			Pass

TEST RESULTS DATA
Power Spectral Density

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	36	5180	-		10.47	11.00		1.51		-	Pass
11a	6Mbps	2	44	5220			10.35	11.00		1.51			Pass
11a	6Mbps	2	48	5240			10.31	11.00		1.51			Pass
VHT80	MCS0	2	42	5210			2.87	11.00		1.51			Pass
VHT160	MCS0	2	50	5250			-1.18	11.00		1.51			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		Note
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	
11a	6Mbps	2	52	5260	16.48	16.38	20.50	19.68	23.14		29.14		23.94		
11a	6Mbps	2	60	5300	16.53	16.38	20.23	19.43	23.14		29.14		23.88		
11a	6Mbps	2	64	5320	16.48	16.43	20.03	19.75	23.16		29.16		23.96		
VHT80	MCS0	2	58	5290	75.52	75.40	82.88	82.40	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	52	5260	18.30	18.10	21.21	23.94		-0.60		30	Pass
11a	6Mbps	2	60	5300	18.50	17.80	21.17	23.88		-0.60		30	Pass
11a	6Mbps	2	64	5320	18.40	18.20	21.31	23.96		-0.60		30	Pass
HT20	MCS0	2	52	5260	18.50	17.90	21.22	23.98		-0.60		30	Pass
HT20	MCS0	2	60	5300	18.70	17.50	21.15	23.98		-0.60		30	Pass
HT20	MCS0	2	64	5320	18.50	18.20	21.36	23.98		-0.60		30	Pass
HT40	MCS0	2	54	5270	17.80	17.50	20.66	23.98		-0.60		30	Pass
HT40	MCS0	2	62	5310	15.70	15.10	18.42	23.98		-0.60		30	Pass
VHT20	MCS0	2	52	5260	18.40	17.80	21.12	23.98		-0.60		30	Pass
VHT20	MCS0	2	60	5300	18.60	17.40	21.05	23.98		-0.60		30	Pass
VHT20	MCS0	2	64	5320	18.40	18.10	21.26	23.98		-0.60		30	Pass
VHT40	MCS0	2	54	5270	17.70	17.40	20.56	23.98		-0.60		30	Pass
VHT40	MCS0	2	62	5310	15.60	15.00	18.32	23.98		-0.60		30	Pass
VHT80	MCS0	2	58	5290	15.70	15.50	18.61	23.98		-0.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	52	5260	-		10.63	11.00		1.51		-	Pass
11a	6Mbps	2	60	5300			10.69	11.00		1.51			Pass
11a	6Mbps	2	64	5320			10.63	11.00		1.51			Pass
VHT80	MCS0	2	58	5290			2.15	11.00		1.51			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
11a	6Mbps	2	100	5500	16.53	16.43	20.10	19.80	23.16		29.16		23.97		----	----
11a	6Mbps	2	116	5580	16.53	16.38	20.65	19.45	23.14		29.14		23.89		----	----
11a	6Mbps	2	140	5700	16.53	16.43	20.75	19.68	23.16		29.16		23.94		----	----
VHT80	MCS0	2	106	5530	75.40	75.52	82.88	83.12	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	75.40	75.52	83.36	82.32	23.98		30.00		23.98		----	----
VHT160	MCS0	2	114	5570	154.41	154.41	166.24	164.80	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
11a	6Mbps	2	144	5720	13.29	13.24	15.40	15.00	22.22		28.22		22.76		3.25	3.25
VHT80	MCS0	2	138	5690	72.76	72.76	76.28	75.96	23.98		30.00		23.98		3.083	2.762

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TEST RESULTS DATA
Average Power Table

Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	100	5500	18.90	18.10	21.53	23.97		-0.60		30	Pass
11a	6Mbps	2	116	5580	18.80	17.80	21.34	23.89		-0.60		30	Pass
11a	6Mbps	2	140	5700	18.60	17.80	21.23	23.94		-0.60		30	Pass
HT20	MCS0	2	100	5500	18.50	18.00	21.27	23.98		-0.60		30	Pass
HT20	MCS0	2	116	5580	18.90	18.10	21.53	23.98		-0.60		30	Pass
HT20	MCS0	2	140	5700	15.50	14.90	18.22	23.98		-0.60		30	Pass
HT40	MCS0	2	102	5510	16.30	16.10	19.21	23.98		-0.60		30	Pass
HT40	MCS0	2	110	5550	17.80	16.80	20.34	23.98		-0.60		30	Pass
HT40	MCS0	2	134	5670	17.80	16.20	20.08	23.98		-0.60		30	Pass
VHT20	MCS0	2	100	5500	18.40	17.90	21.17	23.98		-0.60		30	Pass
VHT20	MCS0	2	116	5580	18.80	18.00	21.43	23.98		-0.60		30	Pass
VHT20	MCS0	2	140	5700	15.40	14.80	18.12	23.98		-0.60		30	Pass
VHT40	MCS0	2	102	5510	16.20	16.00	19.11	23.98		-0.60		30	Pass
VHT40	MCS0	2	110	5550	17.70	16.70	20.24	23.98		-0.60		30	Pass
VHT40	MCS0	2	134	5670	17.70	16.10	19.98	23.98		-0.60		30	Pass
VHT80	MCS0	2	106	5530	16.30	16.10	19.21	23.98		-0.60		30	Pass
VHT80	MCS0	2	122	5610	16.70	15.90	19.33	23.98		-0.60		30	Pass
VHT160	MCS0	2	114	5570	15.80	14.90	18.38	23.98		-0.60		30	Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	144	5720	18.70	17.70	21.24	22.76		-0.60		30	Pass
HT20	MCS0	2	144	5720	18.80	17.70	21.30	23.98		-0.60		30	Pass
HT40	MCS0	2	142	5710	18.50	17.60	21.08	23.98		-0.60		30	Pass
VHT20	MCS0	2	144	5720	18.70	17.60	21.20	23.98		-0.60		30	Pass
VHT40	MCS0	2	142	5710	18.40	17.50	20.98	23.98		-0.60		30	Pass
VHT80	MCS0	2	138	5690	16.70	16.00	19.37	23.98		-0.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	100	5500	-		10.87	11.00		1.51		-	Pass
11a	6Mbps	2	116	5580			10.86	11.00		1.51			Pass
11a	6Mbps	2	140	5700			10.61	11.00		1.51			Pass
VHT80	MCS0	2	106	5530			2.81	11.00		1.51			Pass
VHT80	MCS0	2	122	5610			2.75	11.00		1.51			Pass
VHT160	MCS0	2	114	5570			-0.88	11.00		1.51			Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
11a	6Mbps	2	144	5720	-		10.63	11.00		1.51		-	Pass
VHT80	MCS0	2	138	5690			2.68	11.00		1.51			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)			Note
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	36	5180	Full	18.98	18.98	21.38	21.03	-		22.78			
HE20	MCS0	2	44	5220	Full	18.88	18.93	21.28	21.70	-		22.76			
HE20	MCS0	2	48	5240	Full	18.88	18.93	21.20	21.55	-		22.76		-	
HE40	MCS0	2	38	5190	Full	37.96	38.06	40.41	40.23	-		23.01			
HE40	MCS0	2	46	5230	Full	37.96	38.06	40.23	40.37	-		23.01			

TEST RESULTS DATA
Average Power Table

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	36	5180	Full	17.10	17.50	20.31	24.00		-0.60		-	Pass
HE20	MCS0	2	36	5180	26/0	8.30	8.50	11.41	24.00		-0.60			Pass
HE20	MCS0	2	44	5220	Full	18.10	18.20	21.16	24.00		-0.60			Pass
HE20	MCS0	2	44	5220	26/4	9.40	9.90	12.67	24.00		-0.60			Pass
HE20	MCS0	2	48	5240	Full	17.90	18.20	21.06	24.00		-0.60			Pass
HE20	MCS0	2	48	5240	26/8	8.70	9.10	11.91	24.00		-0.60			Pass
HE40	MCS0	2	38	5190	Full	16.80	16.90	19.86	24.00		-0.60			Pass
HE40	MCS0	2	46	5230	Full	17.80	17.90	20.86	24.00		-0.60			Pass
HE80	MCS0	2	42	5210	Full	16.10	16.20	19.16	24.00		-0.60			Pass
HE160	MCS0	2	50	5250	Full	14.80	15.50	18.17	24.00		-0.60			Pass

TEST RESULTS DATA
Power Spectral Density

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	36	5180	Full	-		9.46	11.00		1.51	-	Pass
HE20	MCS0	2	36	5180	26/0			9.39	11.00		1.51		Pass
HE20	MCS0	2	44	5220	Full			10.48	11.00		1.51		Pass
HE20	MCS0	2	44	5220	26/4			10.02	11.00		1.51		Pass
HE20	MCS0	2	48	5240	Full			10.30	11.00		1.51		Pass
HE20	MCS0	2	48	5240	26/8			10.25	11.00		1.51		Pass
HE40	MCS0	2	38	5190	Full			6.62	11.00		1.51		Pass
HE40	MCS0	2	46	5230	Full			7.37	11.00		1.51		Pass

TEST RESULTS DATA
26dB and 99% OBW

II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		Note
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	52	5260	Full	18.98	18.98	21.80	21.38	23.78		29.78		23.98		
HE20	MCS0	2	60	5300	Full	18.93	18.98	21.63	21.55	23.77		29.77		23.98		
HE20	MCS0	2	64	5320	Full	18.93	18.93	21.70	21.70	23.77		29.77		23.98		
HE40	MCS0	2	54	5270	Full	37.96	38.06	40.68	40.14	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.86	37.96	40.41	40.59	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	52	5260	Full	18.60	18.00	21.32	23.98		-0.60		30	Pass
HE20	MCS0	2	52	5260	26/0	9.40	9.20	12.31	23.98		-0.60		30	Pass
HE20	MCS0	2	60	5300	Full	18.80	17.60	21.25	23.98		-0.60		30	Pass
HE20	MCS0	2	60	5300	26/4	10.40	10.00	13.21	23.98		-0.60		30	Pass
HE20	MCS0	2	64	5320	Full	18.60	18.30	21.46	23.98		-0.60		30	Pass
HE20	MCS0	2	64	5320	26/8	9.30	9.40	12.36	23.98		-0.60		30	Pass
HE40	MCS0	2	54	5270	Full	17.90	17.60	20.76	23.98		-0.60		30	Pass
HE40	MCS0	2	62	5310	Full	15.80	15.20	18.52	23.98		-0.60		30	Pass
HE80	MCS0	2	58	5290	Full	15.60	15.40	18.51	23.98		-0.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	52	5260	Full	-		10.61	11.00		1.51		Pass
HE20	MCS0	2	52	5260	26/0			10.53	11.00		1.51		Pass
HE20	MCS0	2	60	5300	Full			10.59	11.00		1.51		Pass
HE20	MCS0	2	60	5300	26/4			10.53	11.00		1.51		Pass
HE20	MCS0	2	64	5320	Full			10.66	11.00		1.51		Pass
HE20	MCS0	2	64	5320	26/8			10.54	11.00		1.51		Pass
HE40	MCS0	2	54	5270	Full			7.14	11.00		1.51		Pass
HE40	MCS0	2	62	5310	Full			4.77	11.00		1.51		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
HE20	MCS0	2	100	5500	Full	18.98	18.93	22.40	21.40	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.98	18.93	24.38	21.38	23.77		29.77		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.88	18.93	21.38	21.18	23.76		29.76		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	37.96	40.64	40.05	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.06	37.96	40.50	40.32	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.96	37.96	40.46	40.37	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)		26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5
HE20	MCS0	2	144	5720	Full	14.49	14.44	16.25	15.70	22.60		28.60		22.96		4.5	4.45
HE40	MCS0	2	142	5710	Full	33.98	33.98	35.25	35.16	23.98		30.00		23.98		3.99	3.99

TEST RESULTS DATA
Average Power Table

Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	100	5500	Full	18.60	18.10	21.37	23.98		-0.60		30	Pass
HE20	MCS0	2	100	5500	26/0	9.40	9.20	12.31	23.98		-0.60		30	Pass
HE20	MCS0	2	116	5580	Full	19.00	18.20	21.63	23.98		-0.60		30	Pass
HE20	MCS0	2	116	5580	26/4	10.30	10.50	13.41	23.98		-0.60		30	Pass
HE20	MCS0	2	140	5700	Full	15.60	15.00	18.32	23.98		-0.60		30	Pass
HE20	MCS0	2	140	5700	26/8	6.50	5.80	9.17	23.98		-0.60		30	Pass
HE40	MCS0	2	102	5510	Full	16.40	16.20	19.31	23.98		-0.60		30	Pass
HE40	MCS0	2	110	5550	Full	17.90	16.90	20.44	23.98		-0.60		30	Pass
HE40	MCS0	2	134	5670	Full	17.90	16.30	20.18	23.98		-0.60		30	Pass
HE80	MCS0	2	106	5530	Full	16.20	16.00	19.11	23.98		-0.60		30	Pass
HE80	MCS0	2	122	5610	Full	16.60	15.80	19.23	23.98		-0.60		30	Pass
HE160	MCS0	2	114	5570	Full	15.70	14.80	18.28	23.98		-0.60		30	Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	144	5720	Full	18.90	17.80	21.40	22.96		-0.60		30	Pass
HE20	MCS0	2	144	5720	26/8	9.50	8.50	12.04	22.96		-0.60		30	Pass
HE40	MCS0	2	142	5710	Full	18.60	17.70	21.18	23.98		-0.60		30	Pass
HE80	MCS0	2	138	5690	Full	16.60	15.90	19.27	23.98		-0.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	100	5500	Full	-	-	10.58	11.00		1.51		-	Pass
HE20	MCS0	2	100	5500	26/0			10.38	11.00		1.51			Pass
HE20	MCS0	2	116	5580	Full			10.85	11.00		1.51			Pass
HE20	MCS0	2	116	5580	26/4			10.77	11.00		1.51			Pass
HE20	MCS0	2	140	5700	Full			7.49	11.00		1.51			Pass
HE20	MCS0	2	140	5700	26/8			7.47	11.00		1.51			Pass
HE40	MCS0	2	102	5510	Full			5.74	11.00		1.51			Pass
HE40	MCS0	2	110	5550	Full			6.94	11.00		1.51			Pass
HE40	MCS0	2	134	5670	Full			6.48	11.00		1.51			Pass

Band III straddle channel MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	144	5720	Full	-	-	10.62	11.00		1.51		-	Pass
HE20	MCS0	2	144	5720	26/8			10.42	11.00		1.51			Pass
HE40	MCS0	2	142	5710	Full			7.06	11.00		1.51			Pass

<TXBF Mode>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		99% Bandwidth Power Limit (dBm)		99% Bandwidth EIRP Limit (dBm)			Note
					Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
VHT80	MCS0	2	42	5210	76.00	76.00	99.20	96.24	-		23.01		-	-

Report Number : FR1O2008D

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
VHT20	MCS0	2	36	5180	16.10	16.30	19.21	24.00		1.51		-	Pass
VHT20	MCS0	2	44	5220	15.60	15.80	18.71	24.00		1.51			Pass
VHT20	MCS0	2	48	5240	15.60	15.60	18.61	24.00		1.51			Pass
VHT40	MCS0	2	38	5190	16.30	16.50	19.41	24.00		1.51			Pass
VHT40	MCS0	2	46	5230	16.50	16.60	19.56	24.00		1.51			Pass
VHT80	MCS0	2	42	5210	16.30	16.00	19.16	24.00		1.51			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
VHT80	MCS0	2	42	5210	-		0.96	11.00		1.51		-	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	36	5180	Full	19.13	19.13	22.48	23.05	-		22.82			
HE20	MCS0	2	44	5220	Full	19.13	19.18	22.88	23.13	-		22.82			
HE20	MCS0	2	48	5240	Full	19.13	19.18	22.53	23.23	-		22.82		-	
HE40	MCS0	2	38	5190	Full	38.36	38.46	44.24	43.83	-		23.01			
HE40	MCS0	2	46	5230	Full	38.36	38.36	43.29	44.37	-		23.01			

Report Number : FR1O2008D

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5		
HE20	MCS0	2	36	5180	Full	16.20	16.40	19.31	24.00		1.51		-	Pass
HE20	MCS0	2	44	5220	Full	15.70	15.90	18.81	24.00		1.51			Pass
HE20	MCS0	2	48	5240	Full	15.70	15.70	18.71	24.00		1.51			Pass
HE40	MCS0	2	38	5190	Full	16.40	16.60	19.51	24.00		1.51			Pass
HE40	MCS0	2	46	5230	Full	16.60	16.70	19.66	24.00		1.51			Pass
HE80	MCS0	2	42	5210	Full	16.40	16.10	19.26	24.00		1.51			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 5	SUM	Ant 4	Ant 5	Ant 4	Ant 5	
HE20	MCS0	2	36	5180	Full	-		7.87	11.00		1.51	-	Pass
HE20	MCS0	2	44	5220	Full			6.94	11.00		1.51		Pass
HE20	MCS0	2	48	5240	Full			7.15	11.00		1.51		Pass
HE40	MCS0	2	38	5190	Full			4.65	11.00		1.51		Pass
HE40	MCS0	2	46	5230	Full			5.07	11.00		1.51		Pass

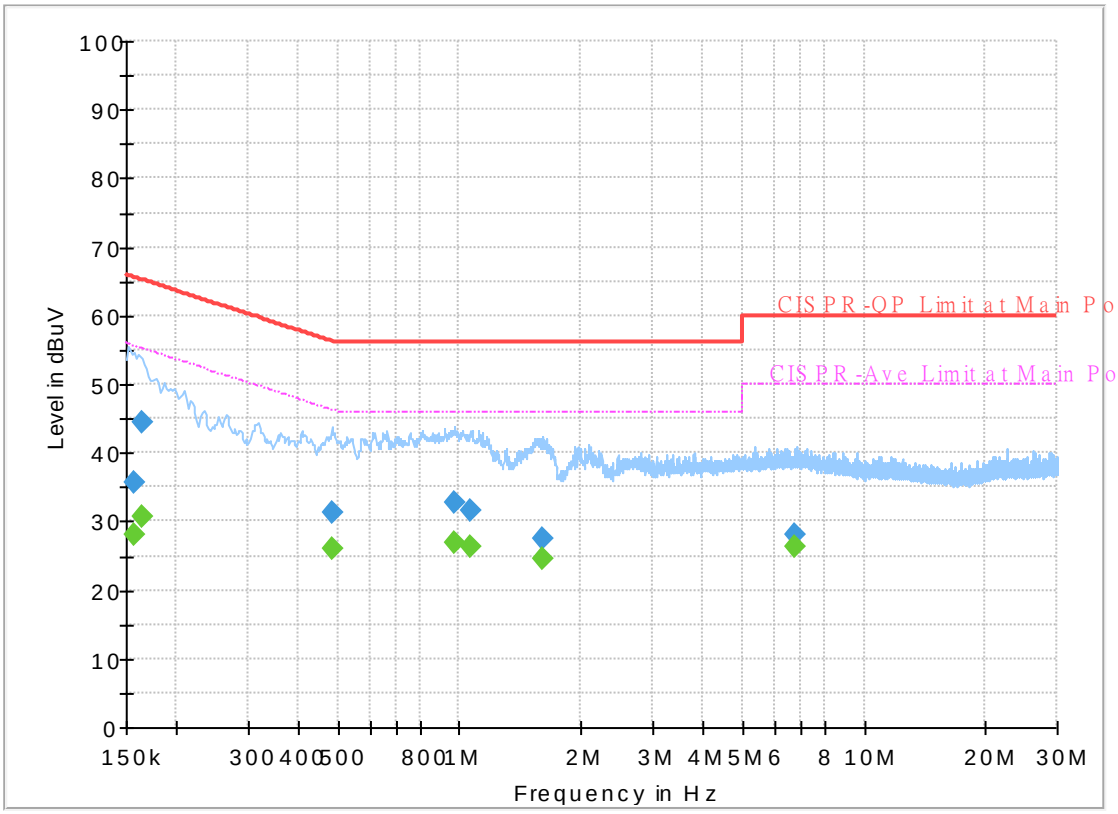
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	1O2008
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



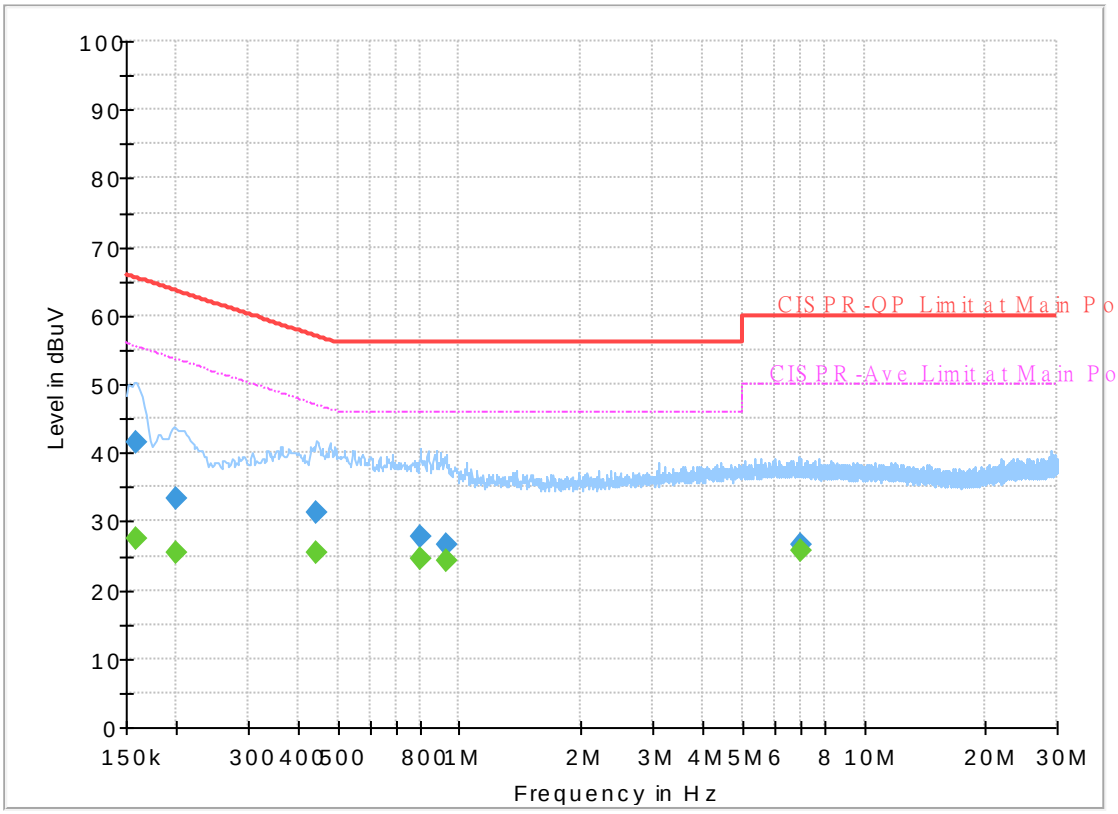
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	35.55	---	65.63	30.08	L1	OFF	19.7
0.156750	---	28.16	55.63	27.47	L1	OFF	19.7
0.163500	44.44	---	65.28	20.84	L1	OFF	19.7
0.163500	---	30.56	55.28	24.72	L1	OFF	19.7
0.483000	31.21	---	56.29	25.08	L1	OFF	19.8
0.483000	---	25.92	46.29	20.37	L1	OFF	19.8
0.969000	32.76	---	56.00	23.24	L1	OFF	20.2
0.969000	---	26.81	46.00	19.19	L1	OFF	20.2
1.059000	31.71	---	56.00	24.29	L1	OFF	20.2
1.059000	---	26.33	46.00	19.67	L1	OFF	20.2
1.612500	27.38	---	56.00	28.62	L1	OFF	20.2
1.612500	---	24.70	46.00	21.30	L1	OFF	20.2
6.738000	28.07	---	60.00	31.93	L1	OFF	20.1
6.738000	---	26.32	50.00	23.68	L1	OFF	20.1

EUT Information

Report NO :	1O2008
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	27.53	55.52	27.99	N	OFF	19.7
0.159000	41.62	---	65.52	23.90	N	OFF	19.7
0.199500	---	25.46	53.63	28.17	N	OFF	19.7
0.199500	33.25	---	63.63	30.38	N	OFF	19.7
0.442500	---	25.52	47.02	21.50	N	OFF	19.7
0.442500	31.20	---	57.02	25.82	N	OFF	19.7
0.800250	---	24.58	46.00	21.42	N	OFF	20.1
0.800250	27.78	---	56.00	28.22	N	OFF	20.1
0.928500	---	24.17	46.00	21.83	N	OFF	20.2
0.928500	26.58	---	56.00	29.42	N	OFF	20.2
6.976500	---	25.79	50.00	24.21	N	OFF	20.1
6.976500	26.72	---	60.00	33.28	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.5°C
		Relative Humidity :	55~65%

<CDD Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5150	62.53	-11.47	74	59.35	31.8	10	38.62	364	295	P	H
		5150	50.05	-3.95	54	46.87	31.8	10	38.62	364	295	A	H
	*	5180	109.7	-	-	106.53	31.68	10.03	38.54	364	295	P	H
	*	5180	101.86	-	-	98.69	31.68	10.03	38.54	364	295	A	H
													H
													H
		5149.76	59.95	-14.05	74	56.77	31.8	10	38.62	348	47	P	V
		5150	47.9	-6.1	54	44.72	31.8	10	38.62	348	47	A	V
	*	5180	108.07	-	-	104.9	31.68	10.03	38.54	348	47	P	V
	*	5180	100.02	-	-	96.85	31.68	10.03	38.54	348	47	A	V
													V
													V
802.11a CH 44 5220MHz		5148.2	45.72	-28.28	74	42.54	31.8	10	38.62	319	291	P	H
		5148.98	35.81	-18.19	54	32.63	31.8	10	38.62	319	291	A	H
	*	5220	111.41	-	-	108.3	31.48	10.07	38.44	319	291	P	H
	*	5220	103.42	-	-	100.31	31.48	10.07	38.44	319	291	A	H
		5428.36	44.39	-29.61	74	40.45	31.61	10.23	37.9	319	291	P	H
		5437.32	34.1	-19.9	54	30.08	31.65	10.24	37.87	319	291	A	H
		5145.86	45	-29	74	41.83	31.81	9.99	38.63	300	182	P	V
		5146.9	34.88	-19.12	54	31.71	31.81	9.99	38.63	300	182	A	V
	*	5220	109.51	-	-	106.4	31.48	10.07	38.44	300	182	P	V
	*	5220	101.99	-	-	98.88	31.48	10.07	38.44	300	182	A	V
		5414.08	44.56	-29.44	74	40.71	31.56	10.22	37.93	300	182	P	V
		5438.16	33.85	-20.15	54	29.83	31.65	10.24	37.87	300	182	A	V

802.11a CH 48 5240MHz		5139.88	46.27	-27.73	74	43.11	31.82	9.99	38.65	313	291	P	H
		5148.46	35.07	-18.93	54	31.89	31.8	10	38.62	313	291	A	H
	*	5240	110.85	-	-	107.8	31.36	10.08	38.39	313	291	P	H
	*	5240	103.45	-	-	100.4	31.36	10.08	38.39	313	291	A	H
		5388.88	45.21	-28.79	74	41.58	31.43	10.2	38	313	291	P	H
		5436.2	34.23	-19.77	54	30.23	31.64	10.24	37.88	313	291	A	H
		5081.38	44.77	-29.23	74	41.81	31.83	9.93	38.8	300	196	P	V
		5147.68	34.19	-19.81	54	31.02	31.8	10	38.63	300	196	A	V
	*	5240	108.77	-	-	105.72	31.36	10.08	38.39	300	196	P	V
	*	5240	101.44	-	-	98.39	31.36	10.08	38.39	300	196	A	V
		5457.76	45.34	-28.66	74	41.2	31.7	10.26	37.82	300	196	P	V
		5438.44	33.9	-20.1	54	29.88	31.65	10.24	37.87	300	196	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	49.01	-19.19	68.2	55.68	39.58	14.55	60.8	-	-	P	H
		15540	46.61	-27.39	74	54.02	37.94	17.01	62.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 36 5180MHz													H
		10360	48.62	-19.58	68.2	55.29	39.58	14.55	60.8	-	-	P	V
		15540	46.83	-27.17	74	54.24	37.94	17.01	62.36	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10440	48.54	-19.66	68.2	55.08	39.74	14.59	60.87	-	-	P	H
		15660	46.54	-27.46	74	53.79	37.58	17.07	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 44		10440	48.96	-19.24	68.2	55.5	39.74	14.59	60.87	-	-	P	V
5220MHz		15660	45.93	-28.07	74	53.18	37.58	17.07	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10480	48.52	-19.68	68.2	55.04	39.78	14.61	60.91	-	-	P	H
		15720	46.6	-27.4	74	53.75	37.42	17.1	61.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	47.48	-20.72	68.2	54	39.78	14.61	60.91	-	-	P	V
		15720	47.64	-26.36	74	54.79	37.42	17.1	61.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5150	60.7	-13.3	74	57.52	31.8	10	38.62	294	289	P	H
		5149.76	49.2	-4.8	54	46.02	31.8	10	38.62	294	289	A	H
	*	5210	104.3	-	-	101.16	31.54	10.06	38.46	294	289	P	H
	*	5210	94.35	-	-	91.21	31.54	10.06	38.46	294	289	A	H
		5414.36	46.72	-27.28	74	42.87	31.56	10.22	37.93	294	289	P	H
		5393.08	35.72	-18.28	54	32.05	31.46	10.2	37.99	294	289	A	H
		5147.68	58.67	-15.33	74	55.5	31.8	10	38.63	300	40	P	V
		5145.08	46.96	-7.04	54	43.79	31.81	9.99	38.63	300	40	A	V
	*	5210	100.5	-	-	97.36	31.54	10.06	38.46	300	40	P	V
	*	5210	90.48	-	-	87.34	31.54	10.06	38.46	300	40	A	V
		5451.32	45.32	-28.68	74	41.21	31.7	10.25	37.84	300	40	P	V
		5438.16	34.71	-19.29	54	30.69	31.65	10.24	37.87	300	40	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10420	47.38	-20.82	68.2	53.93	39.72	14.58	60.85	100	121	P	H
		15630	45.89	-28.11	74	53.21	37.64	17.06	62.02	100	64	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 42		10420	47.26	-20.94	68.2	53.81	39.72	14.58	60.85	150	22	P	V
5210MHz		15630	45.26	-28.74	74	52.58	37.64	17.06	62.02	100	66	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT160 CH 50 5250MHz		5133.96	56.75	-17.25	74	53.6	31.83	9.98	38.66	289	286	P	H
		5145.86	46.62	-7.38	54	43.45	31.81	9.99	38.63	289	286	A	H
	*	5250	98.67	-	-	95.64	31.3	10.09	38.36	289	286	P	H
	*	5250	90.89	-	-	87.86	31.3	10.09	38.36	289	286	A	H
		5356.32	59.26	-14.74	74	55.92	31.24	10.18	38.08	289	286	P	H
		5355.36	47.66	-6.34	54	44.35	31.23	10.17	38.09	289	286	A	H
		5119	57.21	-16.79	74	54.09	31.86	9.96	38.7	300	182	P	V
		5147.9	46.33	-7.67	54	43.16	31.8	10	38.63	300	182	A	V
	*	5250	97.72	-	-	94.69	31.3	10.09	38.36	300	182	P	V
	*	5250	89.9	-	-	86.87	31.3	10.09	38.36	300	182	A	V
		5365.68	57.69	-16.31	74	54.28	31.29	10.18	38.06	300	182	P	V
		5355.84	46.57	-7.43	54	43.24	31.24	10.17	38.08	300	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10500	48.23	-19.97	68.2	54.74	39.8	14.62	60.93	100	28	P	H
		15750	44.34	-29.66	74	51.48	37.3	17.12	61.56	100	85	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT160													H
CH 50		10500	46.78	-21.42	68.2	53.29	39.8	14.62	60.93	100	31	P	V
5250MHz		15750	45.49	-28.51	74	52.63	37.3	17.12	61.56	100	45	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5150	63.77	-10.23	74	60.59	31.8	10	38.62	364	295	P	H
		5150	50.79	-3.21	54	47.61	31.8	10	38.62	364	295	A	H
	*	5180	111.43	-	-	108.26	31.68	10.03	38.54	364	295	P	H
	*	5180	100.63	-	-	97.46	31.68	10.03	38.54	364	295	A	H
802.11ax													H
HE20 Full													H
CH 36		5149.76	62.6	-11.4	74	59.42	31.8	10	38.62	400	183	P	V
5180MHz		5150	49.53	-4.47	54	46.35	31.8	10	38.62	400	183	A	V
	*	5180	110.99	-	-	107.82	31.68	10.03	38.54	400	183	P	V
	*	5180	100.57	-	-	97.4	31.68	10.03	38.54	400	183	A	V
													V
													V
		5141.96	45.14	-28.86	74	41.97	31.82	9.99	38.64	100	296	P	H
		5149.76	34.65	-19.35	54	31.47	31.8	10	38.62	100	296	A	H
	*	5220	112.1	-	-	108.99	31.48	10.07	38.44	100	296	P	H
	*	5220	101.67	-	-	98.56	31.48	10.07	38.44	100	296	A	H
802.11ax		5414.36	43.91	-30.09	74	40.06	31.56	10.22	37.93	100	296	P	H
HE20 Full		5438.16	33.48	-20.52	54	29.46	31.65	10.24	37.87	100	296	A	H
CH 44		5145.86	44.49	-29.51	74	41.32	31.81	9.99	38.63	300	179	P	V
5220MHz		5145.86	34.37	-19.63	54	31.2	31.81	9.99	38.63	300	179	A	V
	*	5220	111.37	-	-	108.26	31.48	10.07	38.44	300	179	P	V
	*	5220	101.04	-	-	97.93	31.48	10.07	38.44	300	179	A	V
		5458.04	44.41	-29.59	74	40.27	31.7	10.26	37.82	300	179	P	V
		5437.32	33.4	-20.6	54	29.38	31.65	10.24	37.87	300	179	A	V

		5140.92	44.09	-29.91	74	40.92	31.82	9.99	38.64	100	294	P	H
		5149.24	34.06	-19.94	54	30.88	31.8	10	38.62	100	294	A	H
	*	5240	111.03	-	-	107.98	31.36	10.08	38.39	100	294	P	H
	*	5240	100.47	-	-	97.42	31.36	10.08	38.39	100	294	A	H
802.11ax		5454.12	43.03	-30.97	74	38.9	31.7	10.26	37.83	100	294	P	H
HE20 Full		5438.44	33.45	-20.55	54	29.43	31.65	10.24	37.87	100	294	A	H
CH 48		5144.3	43.11	-30.89	74	39.94	31.81	9.99	38.63	336	182	P	V
5240MHz		5145.6	34.02	-19.98	54	30.85	31.81	9.99	38.63	336	182	A	V
	*	5240	111.45	-	-	108.4	31.36	10.08	38.39	336	182	P	V
	*	5240	101.41	-	-	98.36	31.36	10.08	38.39	336	182	A	V
		5450.2	42.81	-31.19	74	38.7	31.7	10.25	37.84	336	182	P	V
		5459.16	33.4	-20.6	54	29.26	31.7	10.26	37.82	336	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	48.04	-20.16	68.2	54.71	39.58	14.55	60.8	-	-	P	H
		15540	47	-27	74	54.41	37.94	17.01	62.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	48.36	-19.84	68.2	55.03	39.58	14.55	60.8	-	-	P	V
5180MHz		15540	46.89	-27.11	74	54.3	37.94	17.01	62.36	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10440	48.4	-19.8	68.2	54.94	39.74	14.59	60.87	-	-	P	H
		15660	46.61	-27.39	74	53.86	37.58	17.07	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	47.76	-20.44	68.2	54.3	39.74	14.59	60.87	-	-	P	V
5220MHz		15660	46.55	-27.45	74	53.8	37.58	17.07	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10440	48.75	-19.45	68.2	55.29	39.74	14.59	60.87	-	-	P	H
		15660	46.72	-27.28	74	53.97	37.58	17.07	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10440	47.75	-20.45	68.2	54.29	39.74	14.59	60.87	-	-	P	V
5240MHz		15660	46.07	-27.93	74	53.32	37.58	17.07	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5146.38	44.96	-29.04	74	41.79	31.81	9.99	38.63	100	293	P	H
		5146.12	36.16	-17.84	54	32.99	31.81	9.99	38.63	100	293	A	H
	*	5180	109.84	-	-	106.67	31.68	10.03	38.54	100	293	P	H
	*	5180	100.5	-	-	97.33	31.68	10.03	38.54	100	293	A	H
													H
													H
		5146.12	45.68	-28.32	74	42.51	31.81	9.99	38.63	100	221	P	V
		5146.38	35.56	-18.44	54	32.39	31.81	9.99	38.63	100	221	A	V
	*	5180	106.87	-	-	103.7	31.68	10.03	38.54	100	221	P	V
	*	5180	97.71	-	-	94.54	31.68	10.03	38.54	100	221	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5148.2	62.81	-11.19	74	59.63	31.8	10	38.62	364	295	P	H
		5150	50.25	-3.75	54	47.07	31.8	10	38.62	364	295	A	H
	*	5190	108	-	-	104.84	31.64	10.04	38.52	364	295	P	H
	*	5190	97.29	-	-	94.13	31.64	10.04	38.52	364	295	A	H
802.11ax		5399.52	44.74	-29.26	74	41	31.5	10.21	37.97	364	295	P	H
HE40 Full		5436.76	34.38	-19.62	54	30.36	31.65	10.24	37.87	364	295	A	H
CH 38		5145.6	59.98	-14.02	74	56.81	31.81	9.99	38.63	100	177	P	V
5190MHz		5150	47.54	-6.46	54	44.36	31.8	10	38.62	100	177	A	V
	*	5190	107.56	-	-	104.4	31.64	10.04	38.52	100	177	P	V
	*	5190	96.33	-	-	93.17	31.64	10.04	38.52	100	177	A	V
		5412.96	44.84	-29.16	74	41.01	31.55	10.22	37.94	100	177	P	V
		5435.36	34.25	-19.75	54	30.25	31.64	10.24	37.88	100	177	A	V
		5148.98	53.56	-20.44	74	50.38	31.8	10	38.62	216	295	P	H
		5150	41.72	-12.28	54	38.54	31.8	10	38.62	216	295	A	H
	*	5230	108.68	-	-	105.6	31.42	10.07	38.41	216	295	P	H
	*	5230	99.34	-	-	96.26	31.42	10.07	38.41	216	295	A	H
802.11ax		5383.56	45.83	-28.17	74	42.24	31.4	10.2	38.01	216	295	P	H
HE40 Full		5355	34.62	-19.38	54	31.31	31.23	10.17	38.09	216	295	A	H
CH 46		5145.86	51.13	-22.87	74	47.96	31.81	9.99	38.63	400	67	P	V
5230MHz		5148.98	38.73	-15.27	54	35.55	31.8	10	38.62	400	67	A	V
	*	5230	107.14	-	-	104.06	31.42	10.07	38.41	400	67	P	V
	*	5230	96.57	-	-	93.49	31.42	10.07	38.41	400	67	A	V
		5443.48	44.03	-29.97	74	39.97	31.67	10.25	37.86	400	67	P	V
		5393.08	33.5	-20.5	54	29.83	31.46	10.2	37.99	400	67	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	48.09	-20.11	68.2	54.71	39.64	14.56	60.82	-	-	P	H
		15570	46.59	-27.41	74	53.98	37.82	17.03	62.24	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	47.84	-20.36	68.2	54.46	39.64	14.56	60.82	-	-	P	V
5190MHz		15570	46.77	-27.23	74	54.16	37.82	17.03	62.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10460	47.69	-20.51	68.2	54.22	39.76	14.6	60.89	-	-	P	H
		15690	47.02	-26.98	74	54.2	37.52	17.09	61.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	48.09	-20.11	68.2	54.62	39.76	14.6	60.89	-	-	P	V
5230MHz		15690	47.02	-26.98	74	54.2	37.52	17.09	61.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5106.42	44.81	-29.19	74	41.7	31.89	9.95	38.73	312	293	P	H
		5101.66	33.51	-20.49	54	30.41	31.9	9.95	38.75	312	293	A	H
	*	5260	100.23	-	-	97.14	31.32	10.1	38.33	312	293	P	H
	*	5260	92.2	-	-	89.11	31.32	10.1	38.33	312	293	A	H
		5424.24	44.57	-29.43	74	40.65	31.6	10.23	37.91	312	293	P	H
		5442.96	33.63	-20.37	54	29.57	31.67	10.25	37.86	312	293	A	H
		5069.7	44.83	-29.17	74	41.97	31.78	9.91	38.83	350	178	P	V
		5105.06	33.53	-20.47	54	30.43	31.89	9.95	38.74	350	178	A	V
	*	5260	99.74	-	-	96.65	31.32	10.1	38.33	350	178	P	V
	*	5260	92.51	-	-	89.42	31.32	10.1	38.33	350	178	A	V
		5448	45	-29	74	40.91	31.69	10.25	37.85	350	178	P	V
		5444.64	33.65	-20.35	54	29.57	31.68	10.25	37.85	350	178	A	V
802.11a CH 60 5300MHz		5070.72	44.18	-29.82	74	41.32	31.78	9.91	38.83	362	289	P	H
		5143.48	33.86	-20.14	54	30.7	31.81	9.99	38.64	362	289	A	H
	*	5300	109.33	-	-	106.03	31.4	10.13	38.23	362	289	P	H
	*	5300	101.64	-	-	98.34	31.4	10.13	38.23	362	289	A	H
		5355.36	45.29	-28.71	74	41.98	31.23	10.17	38.09	362	289	P	H
		5350.08	35.48	-18.52	54	32.21	31.2	10.17	38.1	362	289	A	H
		5143.82	44.18	-29.82	74	41.02	31.81	9.99	38.64	381	196	P	V
		5141.44	33.53	-20.47	54	30.36	31.82	9.99	38.64	381	196	A	V
	*	5300	108.11	-	-	104.81	31.4	10.13	38.23	381	196	P	V
	*	5300	100.18	-	-	96.88	31.4	10.13	38.23	381	196	A	V
		5424.72	45.32	-28.68	74	41.4	31.6	10.23	37.91	381	196	P	V
		5350.08	34.36	-19.64	54	31.09	31.2	10.17	38.1	381	196	A	V

802.11a CH 64 5320MHz	*	5320	111.88	-	-	108.59	31.32	10.15	38.18	318	291	P	H
	*	5320	104.17	-	-	100.88	31.32	10.15	38.18	318	291	A	H
		5350.24	60.1	-13.9	74	56.83	31.2	10.17	38.1	318	291	P	H
		5350.4	48.66	-5.34	54	45.39	31.2	10.17	38.1	318	291	A	H
													H
													H
	*	5320	110.68	-	-	107.39	31.32	10.15	38.18	350	178	P	V
	*	5320	102.14	-	-	98.85	31.32	10.15	38.18	350	178	A	V
		5350.08	58.27	-15.73	74	55	31.2	10.17	38.1	350	178	P	V
		5350.08	46.53	-7.47	54	43.26	31.2	10.17	38.1	350	178	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10520	47.32	-20.88	68.2	53.78	39.84	14.63	60.93	-	-	P	H
		15780	45.6	-28.4	74	52.73	37.18	17.14	61.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 52 5260MHz													H
		10520	47.96	-20.24	68.2	54.42	39.84	14.63	60.93	-	-	P	V
		15780	46.21	-27.79	74	53.34	37.18	17.14	61.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10600	47.94	-26.06	74	54.19	40	14.67	60.92	-	-	P	H
		15900	46.01	-27.99	74	52.91	36.9	17.19	60.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	49.79	-24.21	74	56.04	40	14.67	60.92	-	-	P	V
		15900	45.39	-28.61	74	52.29	36.9	17.19	60.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10640	49.99	-24.01	74	56.29	39.92	14.69	60.91	100	19	P	H
		10640	39.94	-14.06	54	46.24	39.92	14.69	60.91	100	19	A	H
		16500	48.17	-20.03	68.2	50.05	39	17.68	58.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz													H
		10640	49.99	-24.01	74	56.29	39.92	14.69	60.91	100	19	P	V
		10640	40.57	-13.43	54	46.87	39.92	14.69	60.91	100	19	A	V
		16500	48.45	-19.75	68.2	50.33	39	17.68	58.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5139.06	47.48	-26.52	74	44.32	31.82	9.99	38.65	290	285	P	H
		5149.26	37.68	-16.32	54	34.5	31.8	10	38.62	290	285	A	H
	*	5290	104.92	-	-	101.68	31.38	10.12	38.26	290	285	P	H
	*	5290	94.87	-	-	91.63	31.38	10.12	38.26	290	285	A	H
		5350.56	63.9	-10.1	74	60.63	31.2	10.17	38.1	290	285	P	H
		5352.96	50.73	-3.27	54	47.43	31.22	10.17	38.09	290	285	A	H
		5142.8	47.19	-26.81	74	44.03	31.81	9.99	38.64	300	59	P	V
		5149.94	35.99	-18.01	54	32.81	31.8	10	38.62	300	59	A	V
	*	5290	100.36	-	-	97.12	31.38	10.12	38.26	300	59	P	V
	*	5290	90.11	-	-	86.87	31.38	10.12	38.26	300	59	A	V
		5351.28	57.31	-16.69	74	54.03	31.21	10.17	38.1	300	59	P	V
		5350.56	44.36	-9.64	54	41.09	31.2	10.17	38.1	300	59	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10580	47.09	-21.11	68.2	53.39	39.96	14.66	60.92	-	-	P	H
		15780	45.67	-28.33	74	52.8	37.18	17.14	61.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 58		10580	47.33	-20.87	68.2	53.63	39.96	14.66	60.92	-	-	P	V
5290MHz		15870	45.45	-28.55	74	52.41	36.96	17.18	61.1	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5089.42	44.38	-29.62	74	41.37	31.86	9.93	38.78	100	298	P	H
		5148.24	34.19	-19.81	54	31.01	31.8	10	38.62	100	298	A	H
	*	5260	113.58	-	-	110.49	31.32	10.1	38.33	100	298	P	H
	*	5260	102.7	-	-	99.61	31.32	10.1	38.33	100	298	A	H
802.11ax		5387.04	44.96	-29.04	74	41.34	31.42	10.2	38	100	298	P	H
HE20 Full		5350.32	34.65	-19.35	54	31.38	31.2	10.17	38.1	100	298	A	H
CH 52		5056.44	44.57	-29.43	74	41.8	31.73	9.9	38.86	300	220	P	V
5260MHz		5099.62	33.27	-20.73	54	30.18	31.9	9.94	38.75	300	220	A	V
	*	5260	108.43	-	-	105.34	31.32	10.1	38.33	300	220	P	V
	*	5260	98.32	-	-	95.23	31.32	10.1	38.33	300	220	A	V
		5396.88	44.29	-29.71	74	40.58	31.48	10.21	37.98	300	220	P	V
		5437.2	33.17	-20.83	54	29.15	31.65	10.24	37.87	300	220	A	V
		5140.42	44.3	-29.7	74	41.13	31.82	9.99	38.64	100	298	P	H
		5140.08	33.94	-20.06	54	30.78	31.82	9.99	38.65	100	298	A	H
	*	5300	113.29	-	-	109.99	31.4	10.13	38.23	100	298	P	H
	*	5300	102.67	-	-	99.37	31.4	10.13	38.23	100	298	A	H
802.11ax		5350.56	52.59	-21.41	74	49.32	31.2	10.17	38.1	100	298	P	H
HE20 Full		5350.08	38.37	-15.63	54	35.1	31.2	10.17	38.1	100	298	A	H
CH 60		5146.54	43.92	-30.08	74	40.75	31.81	9.99	38.63	300	203	P	V
5300MHz		5143.14	33.42	-20.58	54	30.26	31.81	9.99	38.64	300	203	A	V
	*	5300	109.1	-	-	105.8	31.4	10.13	38.23	300	203	P	V
	*	5300	99.22	-	-	95.92	31.4	10.13	38.23	300	203	A	V
		5350.56	44.18	-29.82	74	40.91	31.2	10.17	38.1	300	203	P	V
		5350.08	33.61	-20.39	54	30.34	31.2	10.17	38.1	300	203	A	V

	*	5320	111.35	-	-	108.06	31.32	10.15	38.18	100	290	P	H
	*	5320	101.43	-	-	98.14	31.32	10.15	38.18	100	290	A	H
		5352.48	61.54	-12.46	74	58.25	31.21	10.17	38.09	100	290	P	H
		5350.08	49.03	-4.97	54	45.76	31.2	10.17	38.1	100	290	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	109.4	-	-	106.11	31.32	10.15	38.18	300	211	P	V
5320MHz	*	5320	99.4	-	-	96.11	31.32	10.15	38.18	300	211	A	V
		5350.24	60.34	-13.66	74	57.07	31.2	10.17	38.1	300	211	P	V
		5350.08	47.88	-6.12	54	44.61	31.2	10.17	38.1	300	211	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10520	47.84	-20.36	68.2	54.3	39.84	14.63	60.93	-	-	P	H
		15780	47.42	-26.58	74	54.55	37.18	17.14	61.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	48.24	-19.96	68.2	54.7	39.84	14.63	60.93	-	-	P	V
5260MHz		15780	46.56	-27.44	74	53.69	37.18	17.14	61.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10600	49.38	-24.62	74	55.63	40	14.67	60.92	100	35	P	H
		10600	39.37	-14.63	54	45.62	40	14.67	60.92	100	35	A	H
		15900	45.93	-28.07	74	52.83	36.9	17.19	60.99	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	49.52	-24.48	74	55.77	40	14.67	60.92	100	35	P	V
5300MHz		10600	39.49	-14.51	54	45.74	40	14.67	60.92	100	35	A	V
		15900	45.59	-28.41	74	52.49	36.9	17.19	60.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10640	49.89	-24.11	74	56.19	39.92	14.69	60.91	100	20	P	H
		10640	39.88	-14.12	54	46.18	39.92	14.69	60.91	100	20	A	H
		15960	45.76	-28.24	74	52.21	37.08	17.23	60.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	50.83	-23.17	74	57.13	39.92	14.69	60.91	100	31	P	V
5320MHz		10640	40.81	-13.19	54	47.11	39.92	14.69	60.91	100	31	A	V
		15960	45.46	-28.54	74	51.91	37.08	17.23	60.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5326	110.38	-	-	107.21	31.4	10.15	38.38	250	289	P	H
	*	5326	100.39	-	-	97.22	31.4	10.15	38.38	250	289	A	H
		5353.28	46.29	-27.71	74	43.11	31.32	10.17	38.31	250	289	P	H
		5353.28	36.72	-17.28	54	33.54	31.32	10.17	38.31	250	289	A	H
													H
													H
	*	5320	110.34	-	-	107.17	31.42	10.15	38.4	242	220	P	V
	*	5320	100.2	-	-	97.03	31.42	10.15	38.4	242	220	A	V
		5353.12	45.91	-28.09	74	42.73	31.32	10.17	38.31	242	220	P	V
		5353.92	35.85	-18.15	54	32.67	31.32	10.17	38.31	242	220	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5148.92	46.23	-27.77	74	43.05	31.8	10	38.62	400	287	P	H
		5141.1	36.05	-17.95	54	32.88	31.82	9.99	38.64	400	287	A	H
	*	5270	108.53	-	-	105.39	31.34	10.11	38.31	400	287	P	H
	*	5270	98.79	-	-	95.65	31.34	10.11	38.31	400	287	A	H
802.11ax		5351.76	51.93	-22.07	74	48.65	31.21	10.17	38.1	400	287	P	H
HE40 Full		5350.08	41.31	-12.69	54	38.04	31.2	10.17	38.1	400	287	A	H
CH 54		5127.84	45.1	-28.9	74	41.97	31.84	9.97	38.68	400	178	P	V
5270MHz		5147.9	34.4	-19.6	54	31.23	31.8	10	38.63	400	178	A	V
	*	5270	105.39	-	-	102.25	31.34	10.11	38.31	400	178	P	V
	*	5270	95.82	-	-	92.68	31.34	10.11	38.31	400	178	A	V
		5351.28	48.19	-25.81	74	44.91	31.21	10.17	38.1	400	178	P	V
		5350.56	35.75	-18.25	54	32.48	31.2	10.17	38.1	400	178	A	V
		5119.68	46.04	-27.96	74	42.91	31.86	9.97	38.7	324	285	P	H
		5149.94	34.79	-19.21	54	31.61	31.8	10	38.62	324	285	A	H
	*	5320	107.43	-	-	104.14	31.32	10.15	38.18	324	285	P	H
	*	5320	97.28	-	-	93.99	31.32	10.15	38.18	324	285	A	H
802.11ax		5354.4	65.63	-8.37	74	62.32	31.23	10.17	38.09	324	285	P	H
HE40 Full		5352.48	50.75	-3.25	54	47.46	31.21	10.17	38.09	324	285	A	H
CH 62		5071.06	46.48	-27.52	74	43.62	31.78	9.91	38.83	400	52	P	V
5310MHz		5149.6	34.37	-19.63	54	31.19	31.8	10	38.62	400	52	A	V
	*	5320	103.02	-	-	99.73	31.32	10.15	38.18	400	52	P	V
	*	5320	92.24	-	-	88.95	31.32	10.15	38.18	400	52	A	V
		5352.24	60.23	-13.77	74	56.94	31.21	10.17	38.09	400	52	P	V
		5350.56	43.47	-10.53	54	40.2	31.2	10.17	38.1	400	52	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10420	47.91	-20.29	68.2	54.46	39.72	14.58	60.85	-	-	P	H
		15630	46.03	-27.97	74	53.35	37.64	17.06	62.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10420	47.38	-20.82	68.2	53.93	39.72	14.58	60.85	-	-	P	V
5270MHz		15630	46.28	-27.72	74	53.6	37.64	17.06	62.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10620	47.88	-26.12	74	54.15	39.96	14.68	60.91	-	-	P	H
		15930	44.89	-29.11	74	51.56	36.99	17.22	60.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	47.81	-26.19	74	54.08	39.96	14.68	60.91	-	-	P	V
5310MHz		15930	45.67	-28.33	74	52.34	36.99	17.22	60.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5460	49.64	-24.36	74	45.49	31.7	10.26	37.81	100	285	P	H
		5470	58.4	-9.8	68.2	54.22	31.7	10.27	37.79	100	285	P	H
		5460	38.49	-15.51	54	34.34	31.7	10.26	37.81	100	285	A	H
	*	5500	111.22	-	-	106.93	31.7	10.3	37.71	100	285	P	H
	*	5500	102.82	-	-	98.53	31.7	10.3	37.71	100	285	A	H
													H
		5438.8	46.47	-27.53	74	42.44	31.66	10.24	37.87	303	68	P	V
		5470	54.82	-13.38	68.2	50.64	31.7	10.27	37.79	303	68	P	V
		5460	36.35	-17.65	54	32.2	31.7	10.26	37.81	303	68	A	V
	*	5500	107.93	-	-	103.64	31.7	10.3	37.71	303	68	P	V
	*	5500	99.08	-	-	94.79	31.7	10.3	37.71	303	68	A	V
													V
802.11a CH 116 5580MHz		5442.64	44.63	-29.37	74	40.57	31.67	10.25	37.86	100	277	P	H
		5465.92	44.58	-23.62	68.2	40.41	31.7	10.27	37.8	100	277	P	H
		5445.52	33.75	-20.25	54	29.67	31.68	10.25	37.85	100	277	A	H
	*	5580	110.51	-	-	106.11	31.8	10.36	37.76	100	277	P	H
	*	5580	100.39	-	-	95.99	31.8	10.36	37.76	100	277	A	H
		5736.02	44.36	-23.84	68.2	39.75	31.94	10.53	37.86	100	277	P	H
		5454.88	44.11	-29.89	74	39.98	31.7	10.26	37.83	400	192	P	V
		5462.32	43.36	-24.84	68.2	39.21	31.7	10.26	37.81	400	192	P	V
		5446.24	33.63	-20.37	54	29.55	31.68	10.25	37.85	400	192	A	V
	*	5580	106.49	-	-	102.09	31.8	10.36	37.76	400	192	P	V
	*	5580	99.39	-	-	94.99	31.8	10.36	37.76	400	192	A	V
		5751.455	44.21	-23.99	68.2	39.53	32	10.55	37.87	400	192	P	V

802.11a CH 140 5700MHz	*	5700	108.92	-	-	104.47	31.8	10.49	37.84	347	257	P	H
	*	5700	101.08	-	-	96.63	31.8	10.49	37.84	347	257	A	H
		5725.08	60.87	-7.33	68.2	56.3	31.9	10.52	37.85	347	257	P	H
													H
													H
													H
	*	5700	109.98	-	-	105.53	31.8	10.49	37.84	100	269	P	V
	*	5700	101.22	-	-	96.77	31.8	10.49	37.84	100	269	A	V
		5725.32	59.69	-8.51	68.2	55.12	31.9	10.52	37.85	100	269	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11000	50.28	-23.72	74	55.86	40.4	14.88	60.86	100	22	P	H
		11000	39.6	-14.4	54	45.18	40.4	14.88	60.86	100	22	A	H
		16500	48.59	-19.61	68.2	50.47	39	17.68	58.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz		11000	50.56	-23.44	74	56.14	40.4	14.88	60.86	100	33	P	V
		11000	40.67	-13.33	54	46.25	40.4	14.88	60.86	100	33	A	V
		16500	48.45	-19.75	68.2	50.33	39	17.68	58.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11160	49.53	-24.47	74	55.55	39.88	14.96	60.86	100	25	P	H
		11160	39.52	-14.48	54	45.54	39.88	14.96	60.86	100	25	A	H
		16740	49.36	-18.84	68.2	50.15	39.96	17.88	58.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 116		11160	49.65	-24.35	74	55.67	39.88	14.96	60.86	100	38	P	V
5580MHz		11160	39.78	-14.22	54	45.8	39.88	14.96	60.86	100	38	A	V
		16740	49.31	-18.89	68.2	50.1	39.96	17.88	58.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11400	52.07	-21.93	74	57.76	40.1	15.08	60.87	100	33	P	H
		11400	42.02	-11.98	54	47.71	40.1	15.08	60.87	100	33	A	H
		17100	50.44	-17.76	68.2	50.3	40.6	18.18	58.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	49.47	-24.53	74	55.16	40.1	15.08	60.87	100	35	P	V
		11400	39.49	-14.51	54	45.18	40.1	15.08	60.87	100	35	A	V
		17100	50.27	-17.93	68.2	50.13	40.6	18.18	58.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5457.76	61.4	-12.6	74	57.26	31.7	10.26	37.82	295	287	P	H
		5469.04	64.07	-4.13	68.2	59.89	31.7	10.27	37.79	295	287	P	H
		5457.04	46.97	-7.03	54	42.83	31.7	10.26	37.82	295	287	A	H
	*	5530	105.73	-	-	101.38	31.76	10.32	37.73	295	287	P	H
802.11ac	*	5530	95.41	-	-	91.06	31.76	10.32	37.73	295	287	A	H
VHT80		5759.645	48.57	-19.63	68.2	43.89	32	10.56	37.88	295	287	P	H
CH 106		5459.44	55.4	-18.6	74	51.26	31.7	10.26	37.82	300	58	P	V
5530MHz		5461.36	57.04	-11.16	68.2	52.89	31.7	10.26	37.81	300	58	P	V
		5459.92	44.64	-9.36	54	40.49	31.7	10.26	37.81	300	58	A	V
	*	5530	100.94	-	-	96.59	31.76	10.32	37.73	300	58	P	V
	*	5530	91.18	-	-	86.83	31.76	10.32	37.73	300	58	A	V
		5759.645	47.47	-20.73	68.2	42.79	32	10.56	37.88	300	58	P	V
		5458.96	48.59	-25.41	74	44.45	31.7	10.26	37.82	256	256	P	H
		5470	49.23	-18.97	68.2	45.05	31.7	10.27	37.79	256	256	P	H
		5459.92	38	-16	54	33.85	31.7	10.26	37.81	256	256	A	H
	*	5610	103.02	-	-	98.63	31.78	10.39	37.78	256	256	P	H
802.11ac	*	5610	94.97	-	-	90.58	31.78	10.39	37.78	256	256	A	H
VHT80		5725	52.12	-16.08	68.2	47.55	31.9	10.52	37.85	256	256	P	H
CH 122		5459.44	45.53	-28.47	74	41.39	31.7	10.26	37.82	100	284	P	V
5610MHz		5468.8	47.57	-20.63	68.2	43.39	31.7	10.27	37.79	100	284	P	V
		5459.92	35.8	-18.2	54	31.65	31.7	10.26	37.81	100	284	A	V
	*	5610	102	-	-	97.61	31.78	10.39	37.78	100	284	P	V
	*	5610	93.71	-	-	89.32	31.78	10.39	37.78	100	284	A	V
		5735.075	50.35	-17.85	68.2	45.74	31.94	10.53	37.86	100	284	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11060	47.95	-26.05	74	53.74	40.16	14.91	60.86	-	-	P	H
		16590	47.34	-20.86	68.2	49.36	38.82	17.75	58.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 106		11060	47.92	-26.08	74	53.71	40.16	14.91	60.86	-	-	P	V
5530MHz		16590	46.89	-21.31	68.2	48.91	38.82	17.75	58.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11220	47.33	-26.67	74	53.38	39.82	14.99	60.86	-	-	P	H
		16830	48.97	-19.23	68.2	49.49	40.17	17.96	58.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 122		11220	47.64	-26.36	74	53.69	39.82	14.99	60.86	-	-	P	V
5610MHz		16830	49.32	-18.88	68.2	49.84	40.17	17.96	58.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5458.72	56.61	-17.39	74	52.47	31.7	10.26	37.82	400	283	P	H
		5468.32	58.28	-9.92	68.2	54.1	31.7	10.27	37.79	400	283	P	H
		5459.68	46.7	-7.3	54	42.55	31.7	10.26	37.81	400	283	A	H
	*	5570	97.9	-	-	93.5	31.8	10.35	37.75	400	283	P	H
802.11ac	*	5570	90.32	-	-	85.92	31.8	10.35	37.75	400	283	A	H
VHT160		5728.145	55.36	-12.84	68.2	50.79	31.91	10.52	37.86	400	283	P	H
CH 114		5440.96	56.31	-17.69	74	52.27	31.66	10.24	37.86	300	58	P	V
5570MHz		5467.84	55.35	-12.85	68.2	51.17	31.7	10.27	37.79	300	58	P	V
		5458.72	44.36	-9.64	54	40.22	31.7	10.26	37.82	300	58	A	V
	*	5570	95.63	-	-	91.23	31.8	10.35	37.75	300	58	P	V
	*	5570	88.14	-	-	83.74	31.8	10.35	37.75	300	58	A	V
		5730.665	52.1	-16.1	68.2	47.52	31.92	10.52	37.86	300	58	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11140	47.88	-26.12	74	53.87	39.92	14.95	60.86	-	-	P	H
		16710	49	-19.2	68.2	49.93	39.84	17.85	58.62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT160													H
CH 114		11140	47.53	-26.47	74	53.52	39.92	14.95	60.86	-	-	P	V
5570MHz		16710	48.92	-19.28	68.2	49.85	39.84	17.85	58.62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5459.92	54.14	-19.86	74	49.99	31.7	10.26	37.81	100	291	P	H
		5470	61.55	-6.65	68.2	57.37	31.7	10.27	37.79	100	291	P	H
		5460	40.7	-13.3	54	36.55	31.7	10.26	37.81	100	291	A	H
	*	5500	112.22	-	-	107.93	31.7	10.3	37.71	100	291	P	H
802.11ax	*	5500	102.29	-	-	98	31.7	10.3	37.71	100	291	A	H
HE20 Full		5459.76	52.85	-21.15	74	48.7	31.7	10.26	37.81	350	71	P	V
CH 100		5470	61.25	-6.95	68.2	57.07	31.7	10.27	37.79	350	71	P	V
5500MHz		5460	39	-15	54	34.85	31.7	10.26	37.81	350	71	A	V
	*	5500	109.56	-	-	105.27	31.7	10.3	37.71	350	71	P	V
	*	5500	98.9	-	-	94.61	31.7	10.3	37.71	350	71	A	V
													V
													V
		5437.84	44.62	-29.38	74	40.6	31.65	10.24	37.87	149	298	P	H
		5463.52	45.71	-22.49	68.2	41.55	31.7	10.26	37.8	149	298	P	H
		5435.68	34.41	-19.59	54	30.41	31.64	10.24	37.88	149	298	A	H
	*	5580	112.36	-	-	107.96	31.8	10.36	37.76	149	298	P	H
802.11ax	*	5580	102.11	-	-	97.71	31.8	10.36	37.76	149	298	A	H
HE20 Full		5759.96	44.2	-24	68.2	39.52	32	10.56	37.88	149	298	P	H
CH 116		5436.88	44.56	-29.44	74	40.54	31.65	10.24	37.87	350	71	P	V
5580MHz		5459.92	44.12	-29.88	74	39.97	31.7	10.26	37.81	350	71	P	V
		5459.92	33.77	-20.23	54	29.62	31.7	10.26	37.81	350	71	A	V
	*	5580	110.01	-	-	105.61	31.8	10.36	37.76	350	71	P	V
	*	5580	99.57	-	-	95.17	31.8	10.36	37.76	350	71	A	V
		5759.645	45.23	-22.97	68.2	40.55	32	10.56	37.88	350	71	P	V

	*	5700	110.26	-	-	105.81	31.8	10.49	37.84	100	293	P	H
	*	5700	99.67	-	-	95.22	31.8	10.49	37.84	100	293	A	H
		5725.24	63.72	-4.48	68.2	59.15	31.9	10.52	37.85	100	293	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	106.95	-	-	102.5	31.8	10.49	37.84	100	288	P	V
5700MHz	*	5700	96.31	-	-	91.86	31.8	10.49	37.84	100	288	A	V
		5725	55.59	-12.61	68.2	51.02	31.9	10.52	37.85	100	288	P	V
													V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11000	50.85	-23.15	74	56.43	40.4	14.88	60.86	100	13	P	H
		11000	40.84	-13.16	54	46.42	40.4	14.88	60.86	100	13	A	H
		16500	48.19	-20.01	68.2	50.07	39	17.68	58.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	50.71	-23.29	74	56.29	40.4	14.88	60.86	100	38	P	V
5500MHz		11000	40.62	-13.38	54	46.2	40.4	14.88	60.86	100	38	A	V
		16500	48.59	-19.61	68.2	50.47	39	17.68	58.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11160	49.15	-24.85	74	55.17	39.88	14.96	60.86	100	15	P	H
		11160	39.13	-14.87	54	45.15	39.88	14.96	60.86	100	15	A	H
		16740	50.12	-18.08	68.2	50.91	39.96	17.88	58.63	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	50.2	-23.8	74	56.22	39.88	14.96	60.86	100	39	P	V
5580MHz		11160	40.19	-13.81	54	46.21	39.88	14.96	60.86	100	39	A	V
		16740	49.97	-18.23	68.2	50.76	39.96	17.88	58.63	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11400	49.94	-24.06	74	55.63	40.1	15.08	60.87	100	20	P	H
		11400	39.92	-14.08	54	45.61	40.1	15.08	60.87	100	20	A	H
		17100	50.22	-17.98	68.2	50.08	40.6	18.18	58.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	50.03	-23.97	74	55.72	40.1	15.08	60.87	100	44	P	V
5700MHz		11400	40.18	-13.82	54	45.87	40.1	15.08	60.87	100	44	A	V
		17100	49.88	-18.32	68.2	49.74	40.6	18.18	58.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5459.92	46.25	-27.75	74	42.21	31.82	10.26	38.04	264	303	P	H
		5465.68	47.25	-20.95	68.2	43.18	31.83	10.27	38.03	264	303	P	H
		5441.2	35.32	-18.68	54	31.4	31.76	10.25	38.09	264	303	A	H
	*	5500	111.44	-	-	107.18	31.9	10.3	37.94	264	303	P	H
	*	5500	102.15	-	-	97.89	31.9	10.3	37.94	264	303	A	H
													H
		5449.04	45.09	-28.91	74	41.11	31.8	10.25	38.07	300	215	P	V
		5466.48	45.18	-23.02	68.2	41.11	31.83	10.27	38.03	300	215	P	V
		5441.2	34.39	-19.61	54	30.47	31.76	10.25	38.09	300	215	A	V
	*	5500	108.15	-	-	103.89	31.9	10.3	37.94	300	215	P	V
	*	5500	99.03	-	-	94.77	31.9	10.3	37.94	300	215	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	110.23	-	-	105.85	31.9	10.49	38.01	296	258	P	H
	*	5700	101.7	-	-	97.32	31.9	10.49	38.01	296	258	A	H
		5733.32	47.61	-20.59	68.2	43.07	32.03	10.53	38.02	296	258	P	H
													H
													H
													H
	*	5700	103.95	-	-	99.57	31.9	10.49	38.01	272	208	P	V
	*	5700	94.99	-	-	90.61	31.9	10.49	38.01	272	208	A	V
		5733.16	45.28	-22.92	68.2	40.74	32.03	10.53	38.02	272	208	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5459.44	56.96	-17.04	74	52.82	31.7	10.26	37.82	290	286	P	H
		5469.76	64.05	-4.15	68.2	59.87	31.7	10.27	37.79	290	286	P	H
		5459.92	43.16	-10.84	54	39.01	31.7	10.26	37.81	290	286	A	H
	*	5510	109.15	-	-	104.85	31.72	10.3	37.72	290	286	P	H
802.11ax	*	5510	98.95	-	-	94.65	31.72	10.3	37.72	290	286	A	H
HE40 Full		5759.96	48.08	-20.12	68.2	43.4	32	10.56	37.88	290	286	P	H
CH 102		5457.04	50.74	-23.26	74	46.6	31.7	10.26	37.82	300	67	P	V
5510MHz		5469.52	55.79	-12.41	68.2	51.61	31.7	10.27	37.79	300	67	P	V
		5459.92	39.45	-14.55	54	35.3	31.7	10.26	37.81	300	67	A	V
	*	5510	104.56	-	-	100.26	31.72	10.3	37.72	300	67	P	V
	*	5510	94.22	-	-	89.92	31.72	10.3	37.72	300	67	A	V
		5759.96	46.07	-22.13	68.2	41.39	32	10.56	37.88	300	67	P	V
		5456.56	53.23	-20.77	74	49.09	31.7	10.26	37.82	100	290	P	H
		5466.64	56.55	-11.65	68.2	52.38	31.7	10.27	37.8	100	290	P	H
		5459.92	40.91	-13.09	54	36.76	31.7	10.26	37.81	100	290	A	H
	*	5550	110.32	-	-	105.92	31.8	10.34	37.74	100	290	P	H
802.11ax	*	5550	100.74	-	-	96.34	31.8	10.34	37.74	100	290	A	H
HE40 Full		5759.96	49.31	-18.89	68.2	44.63	32	10.56	37.88	100	290	P	H
CH 110		5448.4	47.54	-26.46	74	43.44	31.69	10.25	37.84	300	65	P	V
5550MHz		5467.12	50.37	-17.83	68.2	46.2	31.7	10.27	37.8	300	65	P	V
		5459.68	37.71	-16.29	54	33.56	31.7	10.26	37.81	300	65	A	V
	*	5550	106.45	-	-	102.05	31.8	10.34	37.74	300	65	P	V
	*	5550	95.86	-	-	91.46	31.8	10.34	37.74	300	65	A	V
		5759.96	45.68	-22.52	68.2	41	32	10.56	37.88	300	65	P	V

		5459.55	45.06	-28.94	74	40.92	31.7	10.26	37.82	100	291	P	H
		5464.45	45.8	-22.4	68.2	41.64	31.7	10.26	37.8	100	291	P	H
		5459.9	35.02	-18.98	54	30.87	31.7	10.26	37.81	100	291	A	H
	*	5670	109.72	-	-	105.34	31.74	10.46	37.82	100	291	P	H
802.11ax	*	5670	100.05	-	-	95.67	31.74	10.46	37.82	100	291	A	H
HE40 Full		5725.1	60.23	-7.97	68.2	55.66	31.9	10.52	37.85	100	291	P	H
CH 134		5402.85	42.53	-31.47	74	38.77	31.51	10.21	37.96	100	290	P	V
5670MHz		5460.6	42.29	-25.91	68.2	38.14	31.7	10.26	37.81	100	290	P	V
		5437.15	33.43	-20.57	54	29.41	31.65	10.24	37.87	100	290	A	V
	*	5670	106.69	-	-	102.31	31.74	10.46	37.82	100	290	P	V
	*	5670	95.8	-	-	91.42	31.74	10.46	37.82	100	290	A	V
		5725.975	55.59	-12.61	68.2	51.02	31.9	10.52	37.85	100	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11020	50.73	-23.27	74	56.38	40.32	14.89	60.86	100	340	P	H
		11020	40.33	-13.67	54	45.98	40.32	14.89	60.86	100	340	A	H
		16530	48.01	-20.19	68.2	49.94	38.94	17.7	58.57	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	50.41	-23.59	74	56.06	40.32	14.89	60.86	200	220	P	V
5510MHz		11020	40.43	-13.57	54	46.08	40.32	14.89	60.86	200	220	A	V
		16530	48.87	-19.33	68.2	50.8	38.94	17.7	58.57	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11100	47.99	-26.01	74	53.92	40	14.93	60.86	-	-	P	H
		16650	49.83	-18.37	68.2	51.33	39.3	17.8	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	47.55	-26.45	74	53.48	40	14.93	60.86	-	-	P	V
5550MHz		16650	48.52	-19.68	68.2	50.02	39.3	17.8	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11340	47.84	-26.16	74	53.68	39.98	15.05	60.87	-	-	P	H
		17010	50.5	-17.7	68.2	50.57	40.51	18.11	58.69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11345	47.84	-26.16	74	53.67	39.99	15.05	60.87	-	-	P	V
5670MHz		17010	49.56	-18.64	68.2	49.63	40.51	18.11	58.69	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5458.03	43.86	-30.14	74	39.72	31.7	10.26	37.82	277	252	P	H
		5466.22	43.56	-24.64	68.2	39.39	31.7	10.27	37.8	277	252	P	H
		5415.13	33.9	-20.1	54	30.05	31.56	10.22	37.93	277	252	A	H
	*	5720	111.15	-	-	106.61	31.88	10.51	37.85	277	252	P	H
	*	5720	103.67	-	-	99.13	31.88	10.51	37.85	277	252	A	H
		5875.12	45.39	-22.81	68.2	40.49	32.2	10.65	37.95	277	252	P	H
		5367.94	43.63	-30.37	74	40.19	31.31	10.18	38.05	300	175	P	V
		5461.15	42.74	-25.46	68.2	38.59	31.7	10.26	37.81	300	175	P	V
		5437.36	33.67	-20.33	54	29.65	31.65	10.24	37.87	300	175	A	V
	*	5720	107.56	-	-	103.02	31.88	10.51	37.85	300	175	P	V
	*	5720	100.35	-	-	95.81	31.88	10.51	37.85	300	175	A	V
		5878.24	46.28	-21.92	68.2	41.38	32.2	10.65	37.95	300	175	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	49.69	-24.31	74	55.36	40.1	15.1	60.87	100	29	P	H
		11440	39.71	-14.29	54	45.38	40.1	15.1	60.87	100	29	A	H
		17160	50.08	-18.12	68.2	49.97	40.48	18.23	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	50.82	-23.18	74	56.49	40.1	15.1	60.87	100	34	P	V
		11440	40.76	-13.24	54	46.43	40.1	15.1	60.87	100	34	A	V
		17160	49.64	-18.56	68.2	49.53	40.48	18.23	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5449.06	46.12	-27.88	74	42.01	31.7	10.25	37.84	311	277	P	H
		5461.93	45.37	-22.83	68.2	41.22	31.7	10.26	37.81	311	277	P	H
		5459.98	36.14	-17.86	54	31.99	31.7	10.26	37.81	311	277	A	H
	*	5690	105.59	-	-	101.16	31.78	10.48	37.83	311	277	P	H
802.11ac	*	5690	97.91	-	-	93.48	31.78	10.48	37.83	311	277	A	H
VHT80		5850.42	47.67	-20.53	68.2	42.76	32.2	10.64	37.93	311	277	P	H
CH 138		5397.97	43.97	-30.03	74	40.25	31.49	10.21	37.98	284	35	P	V
5690MHz		5464.27	44.06	-24.14	68.2	39.9	31.7	10.26	37.8	284	35	P	V
		5459.2	34.69	-19.31	54	30.55	31.7	10.26	37.82	284	35	A	V
	*	5690	102.04	-	-	97.61	31.78	10.48	37.83	284	35	P	V
	*	5690	94.03	-	-	89.6	31.78	10.48	37.83	284	35	A	V
		5909.18	45.81	-22.39	68.2	40.84	32.26	10.68	37.97	284	35	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11380	47.9	-26.1	74	53.64	40.06	15.07	60.87	-	-	P	H
		17070	49.56	-18.64	68.2	49.49	40.57	18.16	58.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 138		11380	47.95	-26.05	74	53.69	40.06	15.07	60.87	-	-	P	V
5690MHz		17070	49.99	-18.21	68.2	49.92	40.57	18.16	58.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5420.59	44.08	-29.92	74	40.19	31.58	10.23	37.92	300	251	P	H
		5469.34	43.11	-25.09	68.2	38.93	31.7	10.27	37.79	300	251	P	H
		5437.75	33.77	-20.23	54	29.75	31.65	10.24	37.87	300	251	A	H
	*	5720	113.17	-	-	108.63	31.88	10.51	37.85	300	251	P	H
802.11ax	*	5720	103.16	-	-	98.62	31.88	10.51	37.85	300	251	A	H
HE20 Full		5930.24	45.59	-22.61	68.2	40.51	32.38	10.69	37.99	300	251	P	H
CH 144		5388.22	43.88	-30.12	74	40.25	31.43	10.2	38	395	174	P	V
5720MHz		5461.15	43.31	-24.89	68.2	39.16	31.7	10.26	37.81	395	174	P	V
		5438.14	33.63	-20.37	54	29.61	31.65	10.24	37.87	395	174	A	V
	*	5720	110.63	-	-	106.09	31.88	10.51	37.85	395	174	P	V
	*	5720	100.24	-	-	95.7	31.88	10.51	37.85	395	174	A	V
		5862.64	45.22	-22.98	68.2	40.32	32.2	10.64	37.94	395	174	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11440	50.02	-23.98	74	55.69	40.1	15.1	60.87	100	23	P	H
		11440	39.96	-14.04	54	45.63	40.1	15.1	60.87	100	23	A	H
		17160	50.48	-17.72	68.2	50.37	40.48	18.23	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	47.97	-26.03	74	53.64	40.1	15.1	60.87	-	-	P	V
5720MHz		17160	49.85	-18.35	68.2	49.74	40.48	18.23	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5368.33	44.64	-29.36	74	41.2	31.31	10.18	38.05	311	276	P	H
		5461.54	44.85	-23.35	68.2	40.7	31.7	10.26	37.81	311	276	P	H
		5459.98	34.39	-19.61	54	30.24	31.7	10.26	37.81	311	276	A	H
	*	5710	110.51	-	-	106.01	31.84	10.5	37.84	311	276	P	H
802.11ax	*	5710	100.37	-	-	95.87	31.84	10.5	37.84	311	276	A	H
HE40 Full		5914.12	46.88	-21.32	68.2	41.9	32.28	10.68	37.98	311	276	P	H
CH 142		5366.77	44.07	-29.93	74	40.65	31.3	10.18	38.06	307	175	P	V
5710MHz		5470	42.74	-25.46	68.2	38.56	31.7	10.27	37.79	307	175	P	V
		5459.98	33.92	-20.08	54	29.77	31.7	10.26	37.81	307	175	A	V
	*	5710	106.81	-	-	102.31	31.84	10.5	37.84	307	175	P	V
	*	5710	97.01	-	-	92.51	31.84	10.5	37.84	307	175	A	V
		5866.8	46.19	-22.01	68.2	41.28	32.2	10.65	37.94	307	175	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11420	47.97	-26.03	74	53.65	40.1	15.09	60.87	-	-	P	H
		17130	49.1	-19.1	68.2	48.97	40.54	18.21	58.62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	47.73	-26.27	74	53.41	40.1	15.09	60.87	-	-	P	V
5710MHz		17130	48.86	-19.34	68.2	48.73	40.54	18.21	58.62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 4+5	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		30.97	23.53	-16.47	40	31.2	24.21	0.62	32.5	-	-	P	H
		123.12	31.72	-11.78	43.5	45.3	17.45	1.51	32.54	-	-	P	H
		250.19	21.65	-24.35	46	33.41	18.4	2.24	32.4	-	-	P	H
		465.53	24.13	-21.87	46	30.25	23.46	2.88	32.46	-	-	P	H
		719.67	32.81	-13.19	46	34.79	26.85	3.62	32.45	-	-	P	H
		851.59	30.79	-15.21	46	29.67	29	3.99	31.87	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	30.78	-9.22	40	38.07	24.59	0.61	32.49	-	-	P	V
		123.12	23.19	-20.31	43.5	36.77	17.45	1.51	32.54	-	-	P	V
		211.39	20.61	-22.89	43.5	35.96	15.07	2.01	32.43	-	-	P	V
		336.52	20.02	-25.98	46	30.07	20.01	2.47	32.53	-	-	P	V
		650.8	27.16	-18.84	46	29.78	26.31	3.43	32.36	-	-	P	V
		808.91	31.01	-14.99	46	31.48	27.78	3.86	32.11	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

<TXBF Mode>

Band 1 - 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 4+5	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.56	49.16	-24.84	74	46.09	31.92	9.99	38.84	300	283	P	H
		5149.5	39.11	-14.89	54	36.04	31.9	10	38.83	300	283	A	H
	*	5210	96.37	-	-	93.15	31.84	10.06	38.68	300	283	P	H
	*	5210	86.9	-	-	83.68	31.84	10.06	38.68	300	283	A	H
802.11ac		5446.56	46.86	-27.14	74	42.9	31.79	10.25	38.08	300	283	P	H
VHT80		5414.08	37.28	-16.72	54	33.56	31.66	10.22	38.16	300	283	A	H
CH 42		5147.68	48.85	-25.15	74	45.77	31.91	10	38.83	300	222	P	V
5210MHz		5148.46	38.97	-15.03	54	35.89	31.91	10	38.83	300	222	A	V
	*	5210	94.82	-	-	91.6	31.84	10.06	38.68	300	222	P	V
	*	5210	86.57	-	-	83.35	31.84	10.06	38.68	300	222	A	V
		5386.08	46.48	-27.52	74	42.99	31.52	10.2	38.23	300	222	P	V
		5457.48	37.2	-16.8	54	33.18	31.81	10.26	38.05	300	222	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10420	47	-21.2	68.2	53.55	39.72	14.58	60.85	-	-	P	H
		15630	45.87	-28.13	74	52.88	37.95	17.06	62.02	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 42		10420	47.48	-20.72	68.2	54.03	39.72	14.58	60.85	-	-	P	V
5210MHz		15630	45.5	-28.5	74	52.51	37.95	17.06	62.02	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5146.64	48.25	-25.75	74	45.19	31.91	9.99	38.84	284	298	P	H
		5146.9	37.18	-16.82	54	34.12	31.91	9.99	38.84	284	298	A	H
	*	5180	100.93	-	-	97.75	31.9	10.03	38.75	284	298	P	H
	*	5180	91.84	-	-	88.66	31.9	10.03	38.75	284	298	A	H
802.11ax													H
HE20 Full													H
CH 36		5108.94	47.53	-26.47	74	44.45	32.06	9.95	38.93	255	216	P	V
5180MHz		5146.12	37.18	-16.82	54	34.11	31.92	9.99	38.84	255	216	A	V
	*	5180	102.73	-	-	99.55	31.9	10.03	38.75	255	216	P	V
	*	5180	92.87	-	-	89.69	31.9	10.03	38.75	255	216	A	V
													V
													V
		5144.04	47.25	-26.75	74	44.18	31.92	9.99	38.84	100	297	P	H
		5133.38	36.79	-17.21	54	33.71	31.97	9.98	38.87	100	297	A	H
	*	5220	102.16	-	-	98.96	31.78	10.07	38.65	100	297	P	H
	*	5220	92.06	-	-	88.86	31.78	10.07	38.65	100	297	A	H
802.11ax		5454.96	46.92	-27.08	74	42.9	31.81	10.26	38.05	100	297	P	H
HE20 Full		5456.08	36.33	-17.67	54	32.31	31.81	10.26	38.05	100	297	A	H
CH 44		5127.92	47.05	-26.95	74	43.98	31.99	9.97	38.89	353	184	P	V
5220MHz		5109.46	36.93	-17.07	54	33.85	32.06	9.95	38.93	353	184	A	V
	*	5220	102.69	-	-	99.49	31.78	10.07	38.65	353	184	P	V
	*	5220	92.23	-	-	89.03	31.78	10.07	38.65	353	184	A	V
		5419.4	46.18	-27.82	74	42.41	31.68	10.23	38.14	353	184	P	V
		5456.36	36.3	-17.7	54	32.28	31.81	10.26	38.05	353	184	A	V

		5095.94	47.03	-26.97	74	43.98	32.08	9.94	38.97	100	287	P	H
		5118.82	36.74	-17.26	54	33.67	32.02	9.96	38.91	100	287	A	H
	*	5240	102.69	-	-	99.55	31.66	10.08	38.6	100	287	P	H
	*	5240	92.26	-	-	89.12	31.66	10.08	38.6	100	287	A	H
802.11ax		5442.64	47.02	-26.98	74	43.09	31.77	10.25	38.09	100	287	P	H
HE20 Full		5457.76	36.32	-17.68	54	32.29	31.82	10.26	38.05	100	287	A	H
CH 48		5079.56	47.16	-26.84	74	44.27	31.98	9.92	39.01	340	196	P	V
5240MHz		5118.04	36.8	-17.2	54	33.72	32.03	9.96	38.91	340	196	A	V
	*	5240	102.38	-	-	99.24	31.66	10.08	38.6	340	196	P	V
	*	5240	92.28	-	-	89.14	31.66	10.08	38.6	340	196	A	V
		5436.76	45.92	-28.08	74	42.03	31.75	10.24	38.1	340	196	P	V
		5457.76	36.31	-17.69	54	32.28	31.82	10.26	38.05	340	196	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	47.71	-20.49	68.2	54.34	39.62	14.55	60.8	-	-	P	H
		15540	46.29	-27.71	74	53.24	38.4	17.01	62.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	47.67	-20.53	68.2	54.3	39.62	14.55	60.8	-	-	P	V
5180MHz		15540	45.98	-28.02	74	52.93	38.4	17.01	62.36	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10440	48.07	-20.13	68.2	54.61	39.74	14.59	60.87	-	-	P	H
		15660	46.28	-27.72	74	53.31	37.8	17.07	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	47.34	-20.86	68.2	53.88	39.74	14.59	60.87	-	-	P	V
5220MHz		15660	46.46	-27.54	74	53.49	37.8	17.07	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10480	47.21	-20.99	68.2	53.73	39.78	14.61	60.91	-	-	P	H
		15720	45.17	-28.83	74	52.12	37.62	17.1	61.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	47.52	-20.68	68.2	54.04	39.78	14.61	60.91	-	-	P	V
5240MHz		15720	46.31	-27.69	74	53.26	37.62	17.1	61.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5145.34	49.43	-24.57	74	46.36	31.92	9.99	38.84	300	291	P	H
		5052.26	40.61	-13.39	54	37.99	31.81	9.89	39.08	300	291	A	H
	*	5190	100.2	-	-	96.99	31.9	10.04	38.73	300	291	P	H
	*	5190	89.97	-	-	86.76	31.9	10.04	38.73	300	291	A	H
802.11ax		5441.24	46.44	-27.56	74	42.52	31.76	10.25	38.09	300	291	P	H
HE40 Full		5454.96	36.91	-17.09	54	32.89	31.81	10.26	38.05	300	291	A	H
CH 38		5049.66	47.6	-26.4	74	44.99	31.8	9.89	39.08	400	77	P	V
5190MHz		5075.92	38.79	-15.21	54	35.93	31.96	9.92	39.02	400	77	A	V
	*	5190	98.72	-	-	95.51	31.9	10.04	38.73	400	77	P	V
	*	5190	88.81	-	-	85.6	31.9	10.04	38.73	400	77	A	V
		5355	46.22	-27.78	74	43.03	31.33	10.17	38.31	400	77	P	V
		5401.48	36.88	-17.12	54	33.25	31.61	10.21	38.19	400	77	A	V
		5082.68	46.25	-27.75	74	43.32	32	9.93	39	300	291	P	H
		5137.54	37.84	-16.16	54	34.77	31.95	9.98	38.86	300	291	A	H
	*	5230	99.23	-	-	96.07	31.72	10.07	38.63	300	291	P	H
	*	5230	89.71	-	-	86.55	31.72	10.07	38.63	300	291	A	H
802.11ax		5403.44	45.44	-28.56	74	41.81	31.61	10.21	38.19	300	291	P	H
HE40 Full		5439	37.07	-16.93	54	33.16	31.76	10.24	38.09	300	291	A	H
CH 46		5133.38	47.17	-26.83	74	44.09	31.97	9.98	38.87	400	190	P	V
5230MHz		5119.86	37.78	-16.22	54	34.7	32.02	9.97	38.91	400	190	A	V
	*	5230	98.62	-	-	95.46	31.72	10.07	38.63	400	190	P	V
	*	5230	90.14	-	-	86.98	31.72	10.07	38.63	400	190	A	V
		5370.4	46.3	-27.7	74	42.96	31.42	10.19	38.27	400	190	P	V
		5454.12	36.8	-17.2	54	32.79	31.81	10.26	38.06	400	190	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	48.1	-20.1	68.2	54.7	39.66	14.56	60.82	-	-	P	H
		15570	46.15	-27.85	74	53.11	38.25	17.03	62.24	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	47.4	-20.8	68.2	54	39.66	14.56	60.82	-	-	P	V
5190MHz		15570	46.07	-27.93	74	53.03	38.25	17.03	62.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10460	47.42	-20.78	68.2	53.95	39.76	14.6	60.89	-	-	P	H
		15690	46.77	-27.23	74	53.82	37.65	17.09	61.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	47.1	-21.1	68.2	53.63	39.76	14.6	60.89	-	-	P	V
5230MHz		15690	45.93	-28.07	74	52.98	37.65	17.09	61.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI Ant. 4+5	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	**Temperature :**	22.1~23.5°C
		Relative Humidity :	55~65%

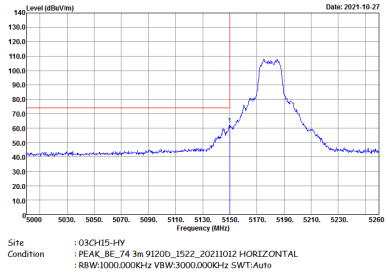
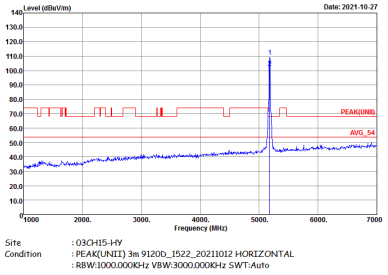
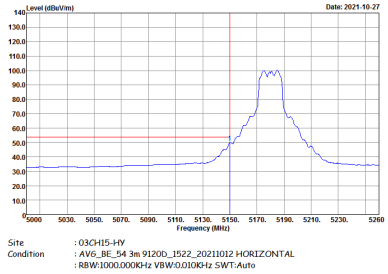
Note symbol

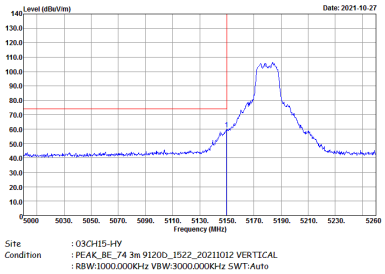
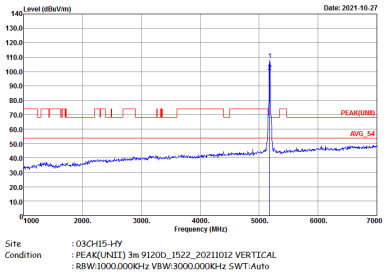
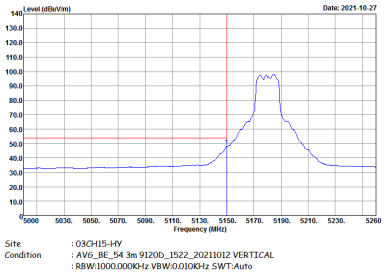
-L	**Low channel location**
-R	**High channel location**

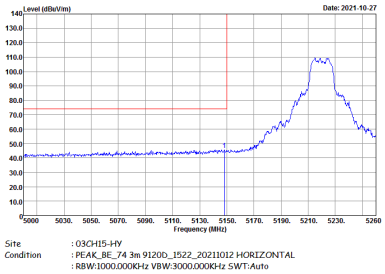
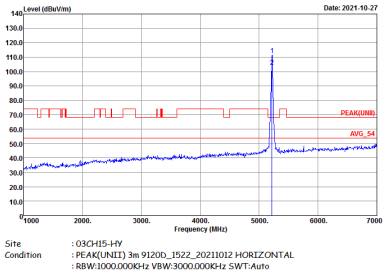
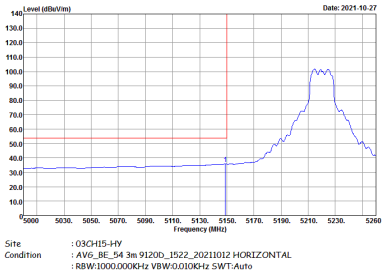
<CDD Mode>

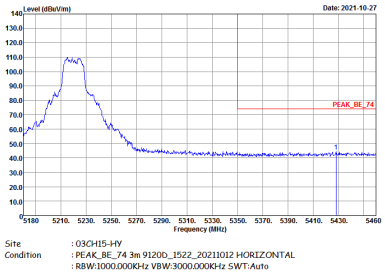
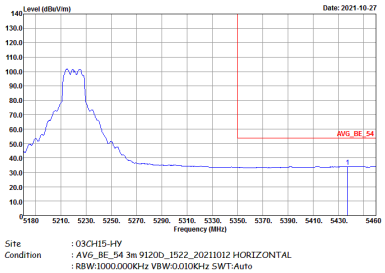
Band 1 - 5150~5250MHz

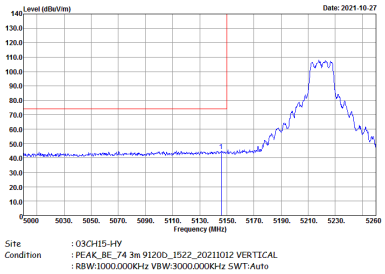
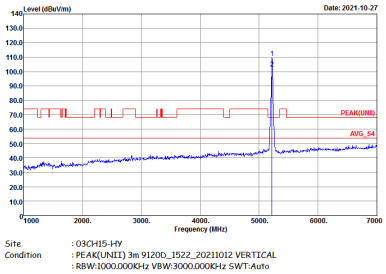
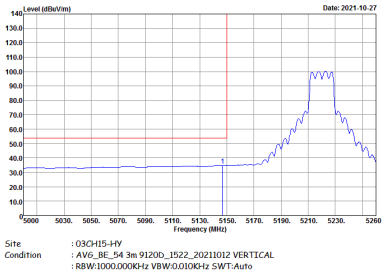
WIFI 802.11a (Band Edge @ 3m)

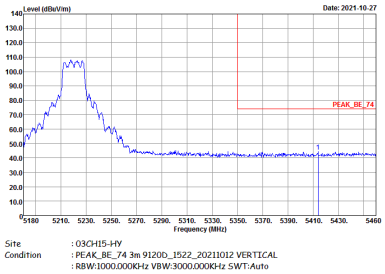
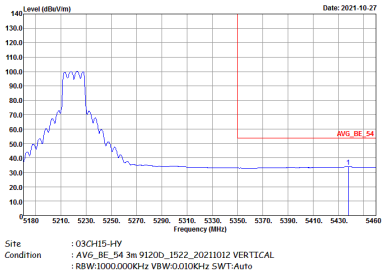
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

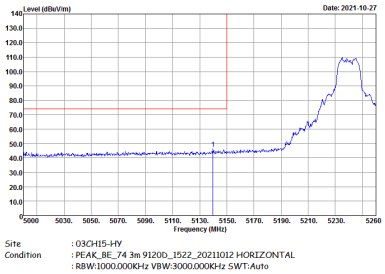
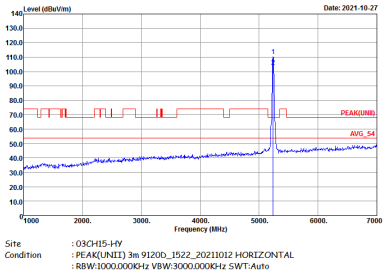
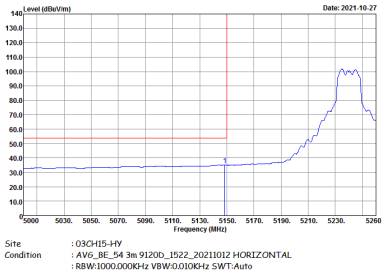
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

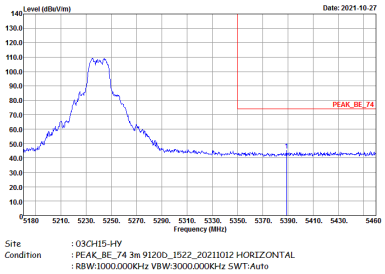
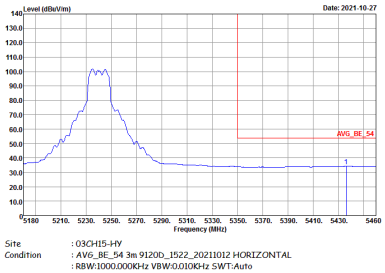
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

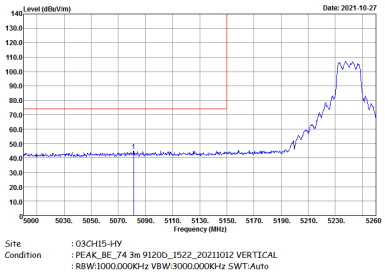
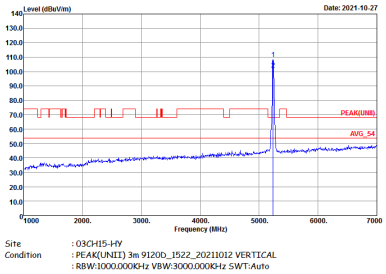
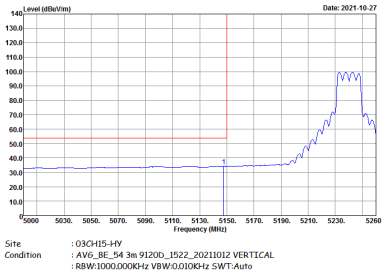
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

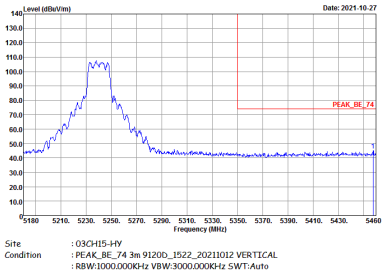
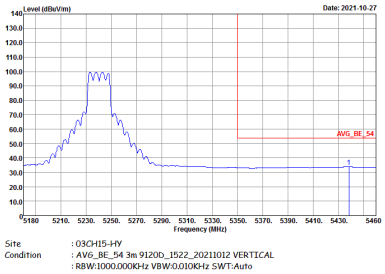
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

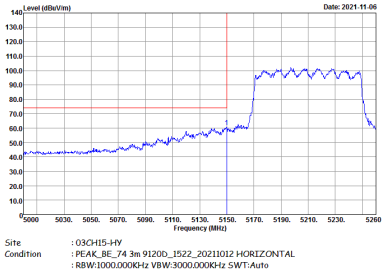
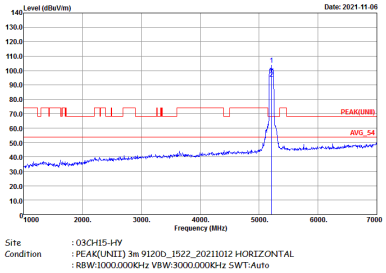
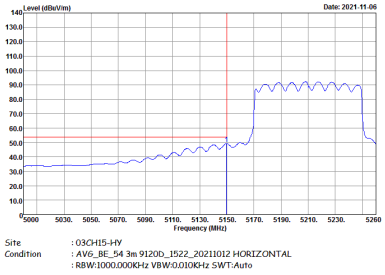
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

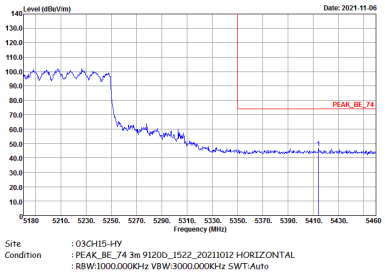
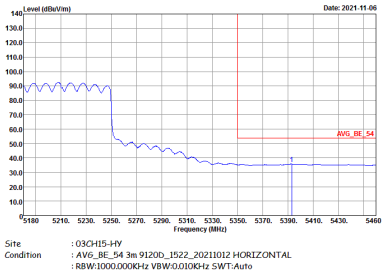
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

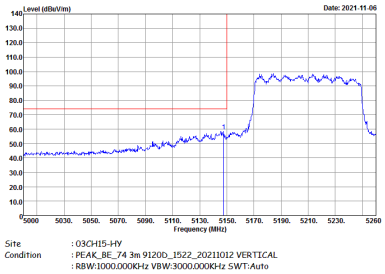
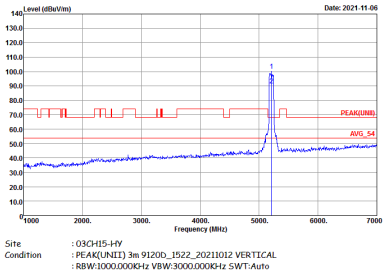
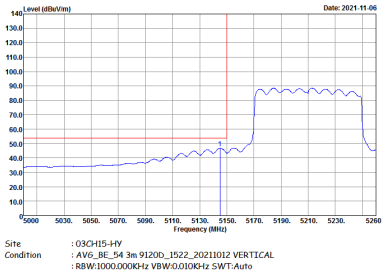
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

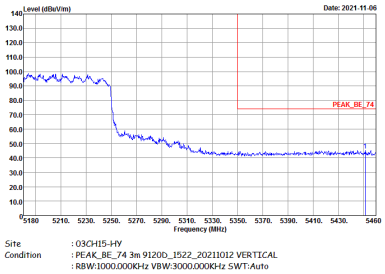
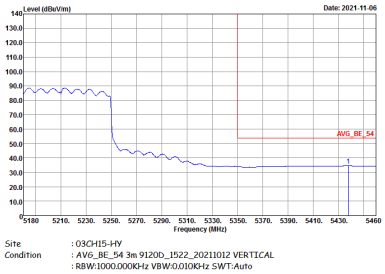
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

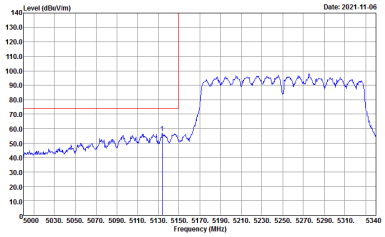
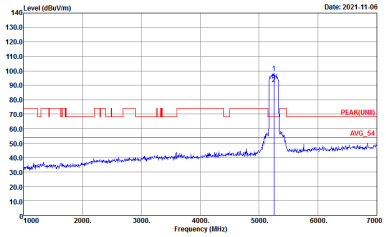
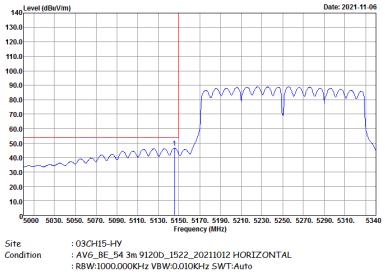
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

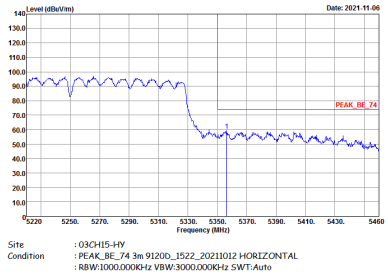
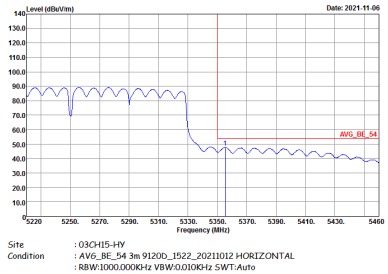
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

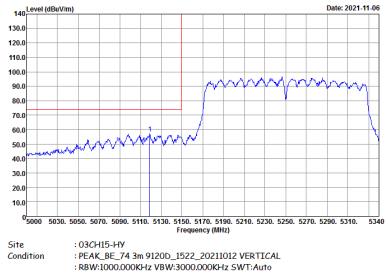
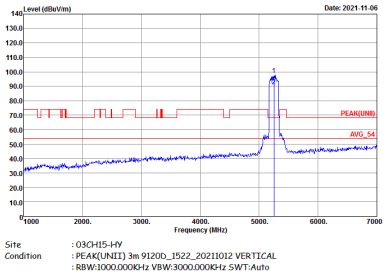
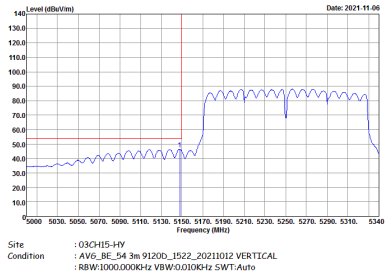
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

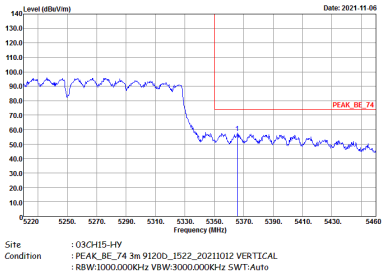
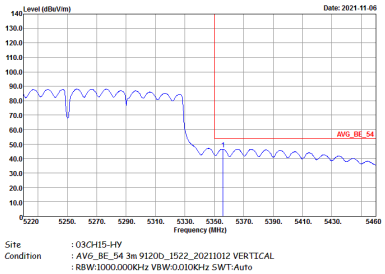
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT160 CH50 5250MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

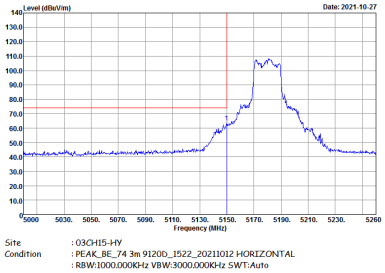
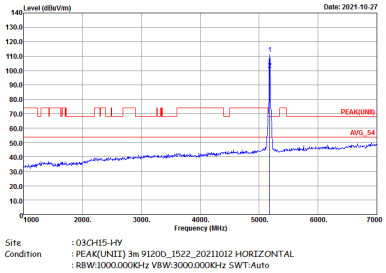
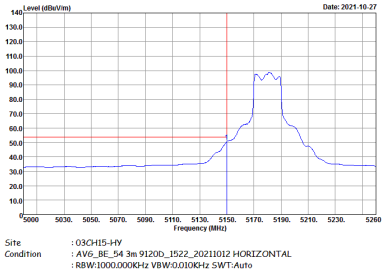
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

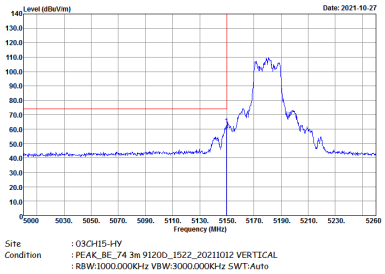
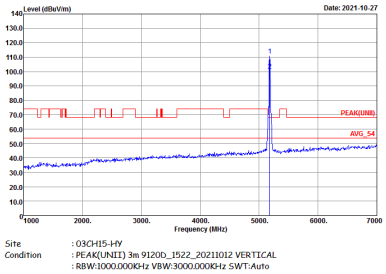
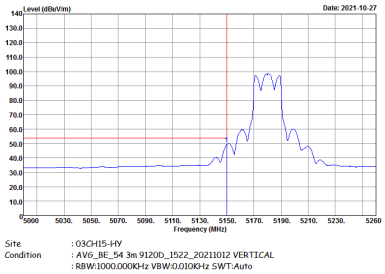
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT160 CH50 5250MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

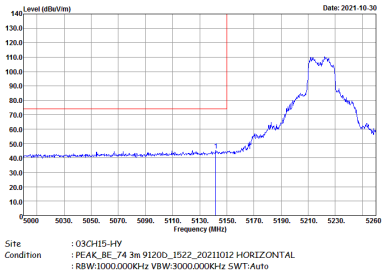
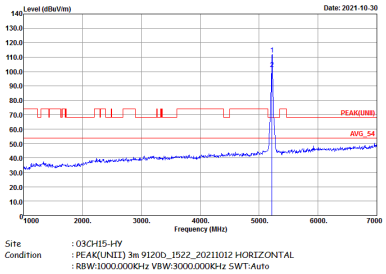
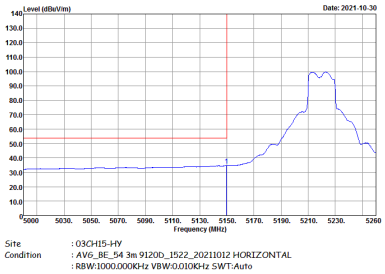
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT160 CH80 5250MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

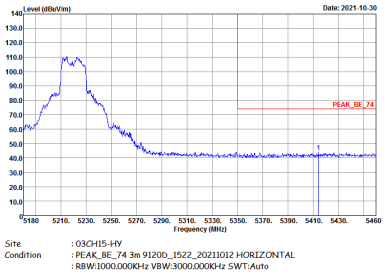
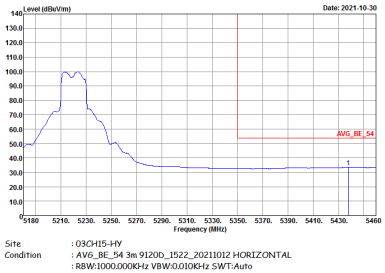
Band 1 5150~5250MHz

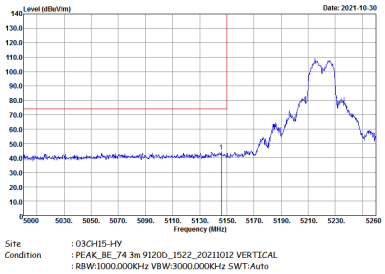
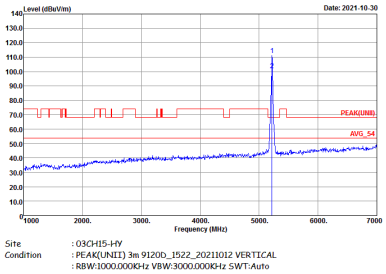
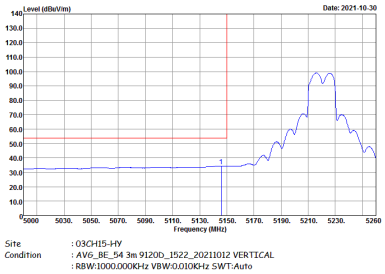
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

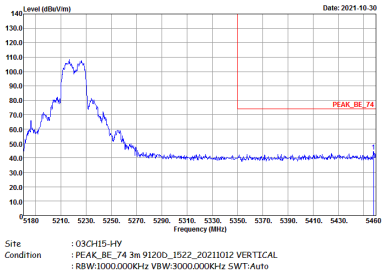
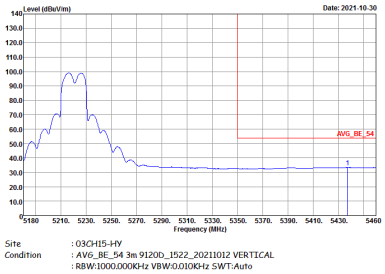
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

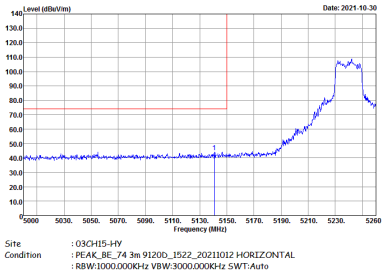
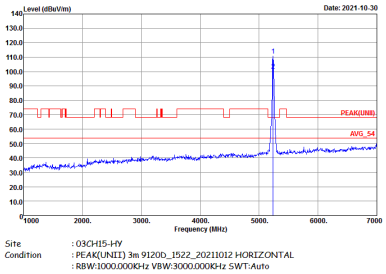
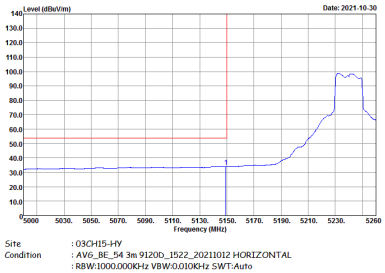
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

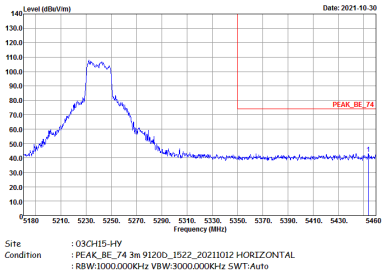
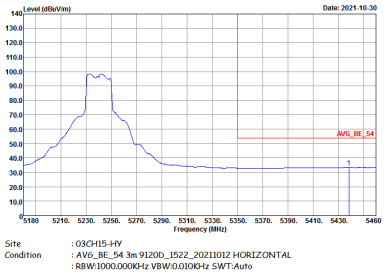
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

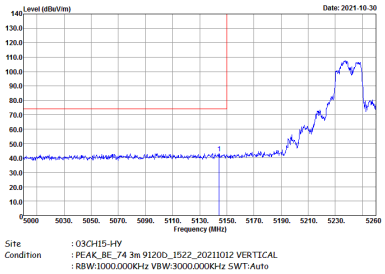
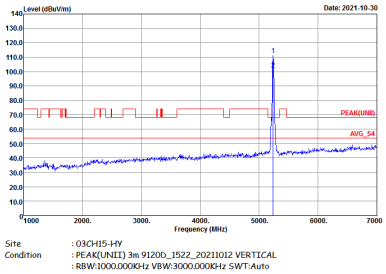
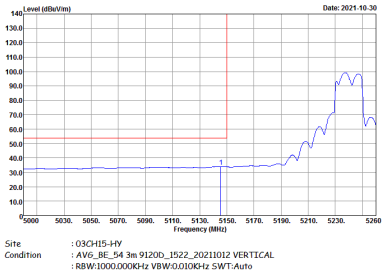
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

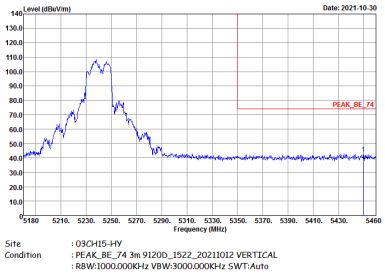
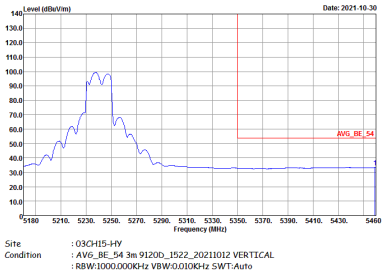
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

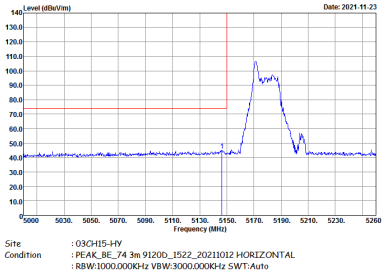
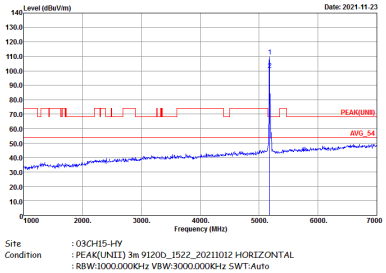
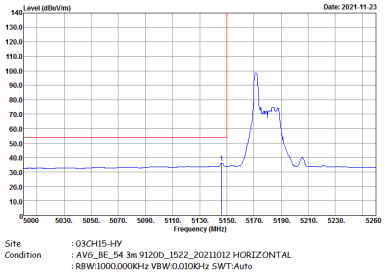
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

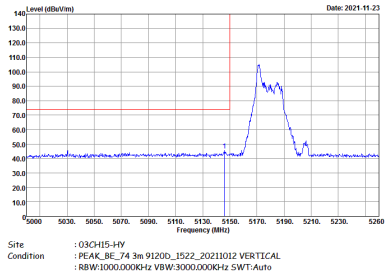
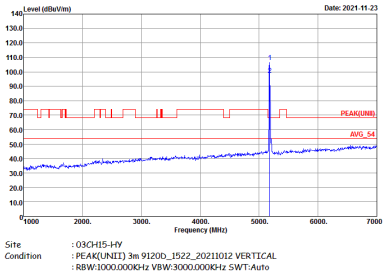
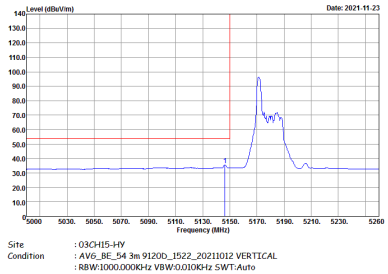
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

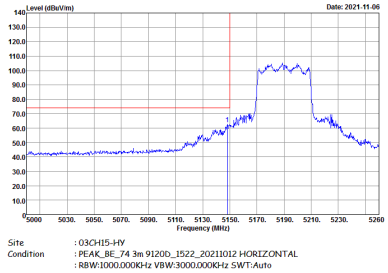
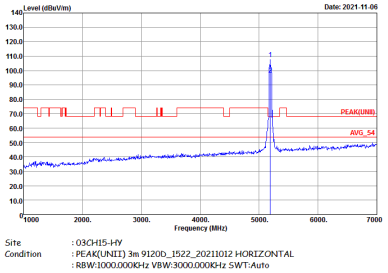
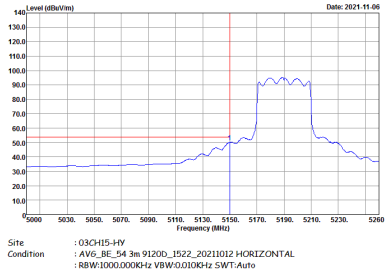
Band 1 5150~5250MHz

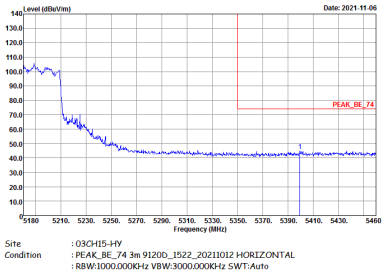
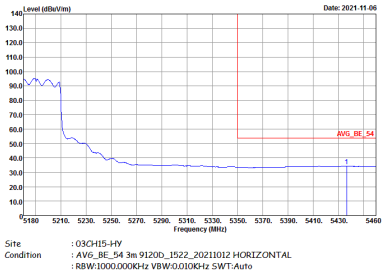
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

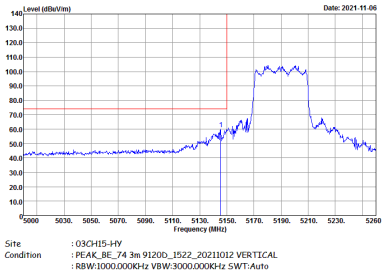
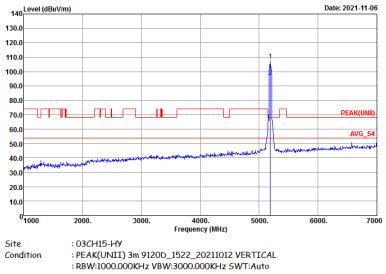
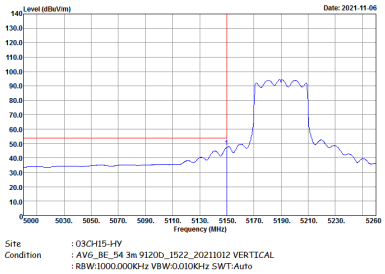
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

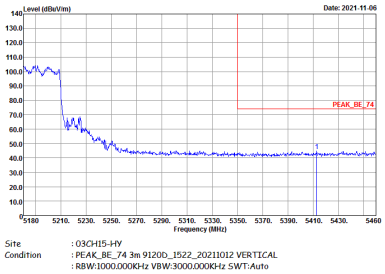
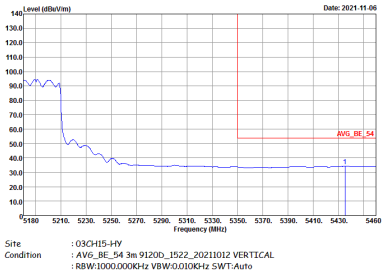
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

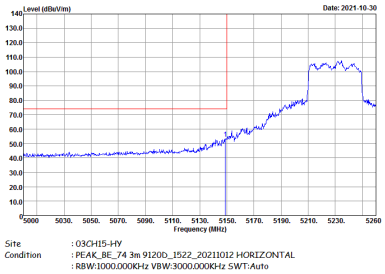
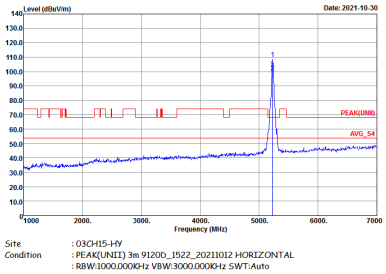
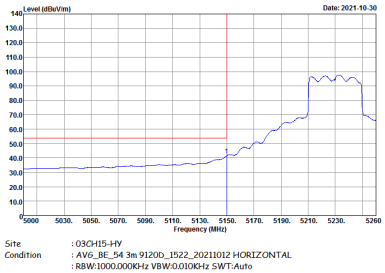
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

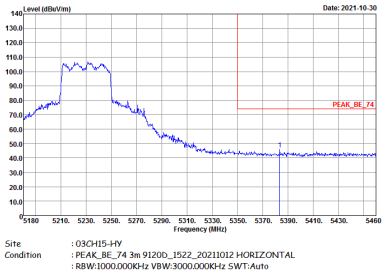
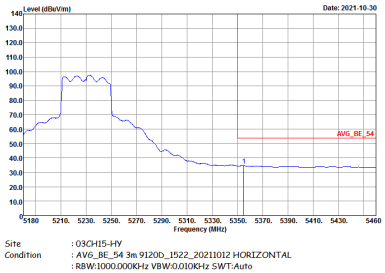
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

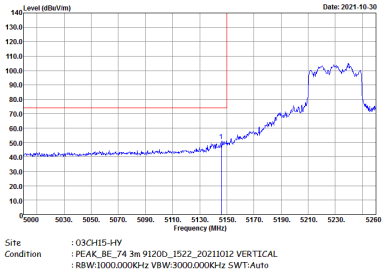
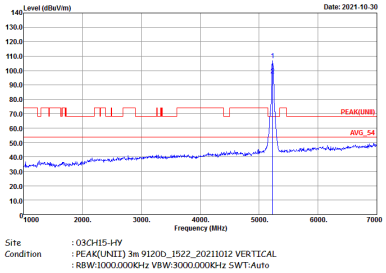
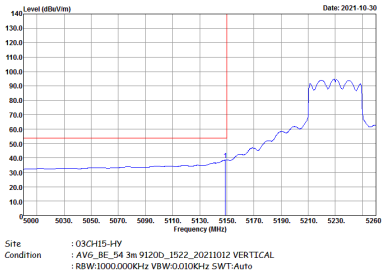
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

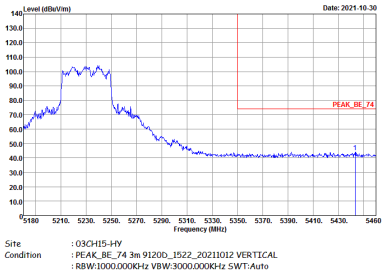
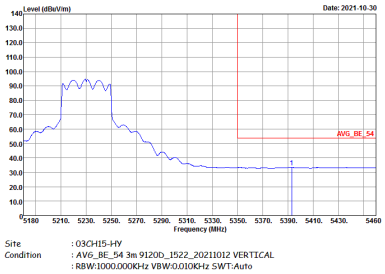
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

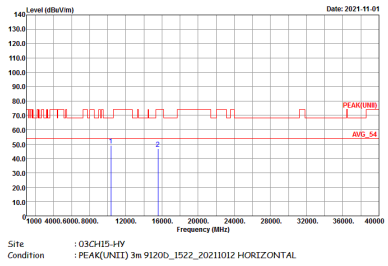
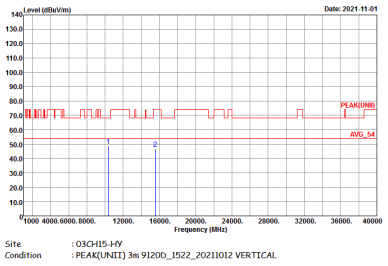
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

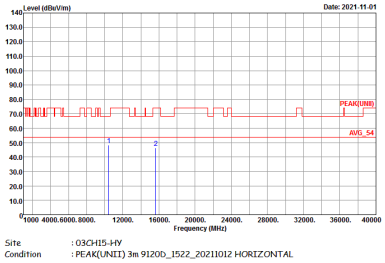
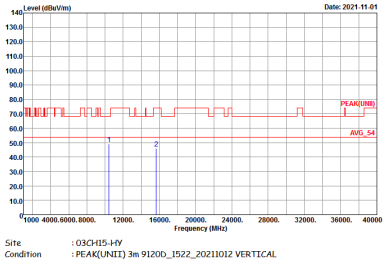
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

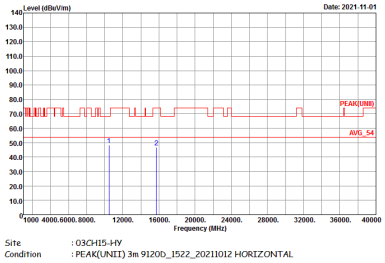
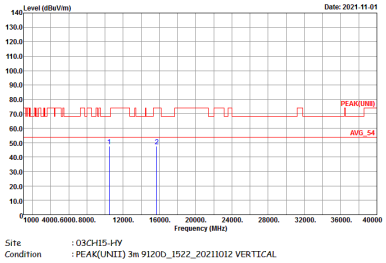
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

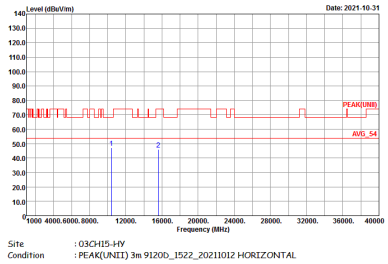
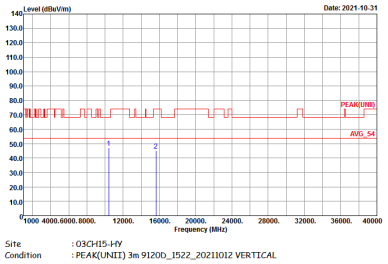
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
4+5	Horizontal	Vertical
Peak Avg.		

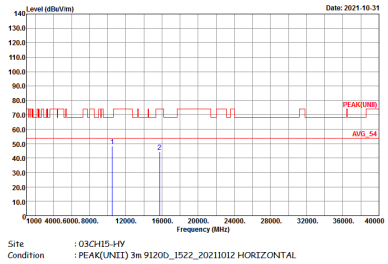
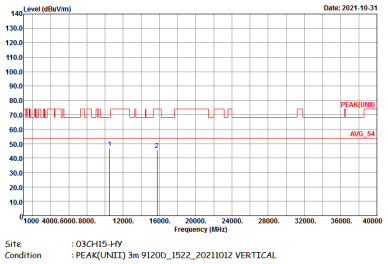
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
4+5	Horizontal	Vertical
Peak Avg.		

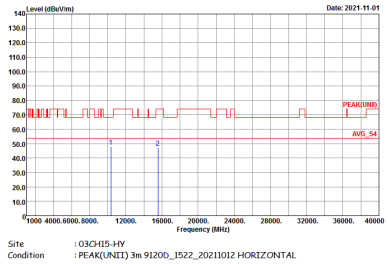
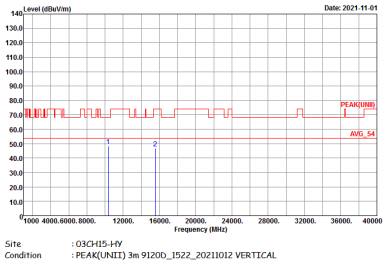
Band 1 5150~5250MHz

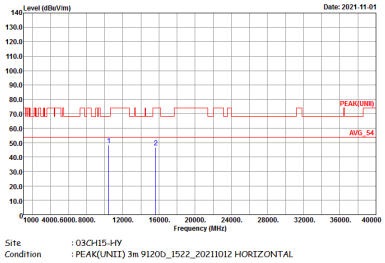
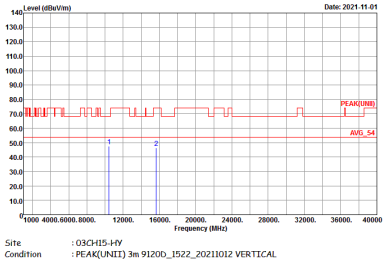
WIFI 802. 11ac VHT160 (Harmonic @ 3m)

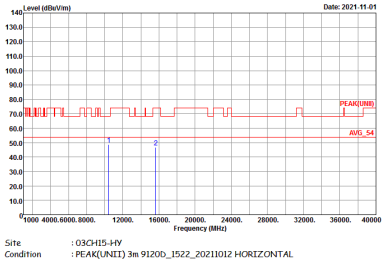
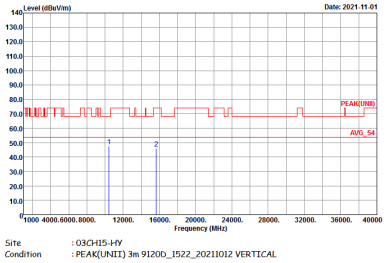
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT160 CH50 5250MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

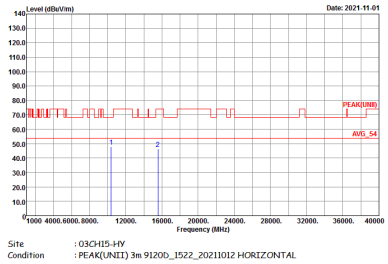
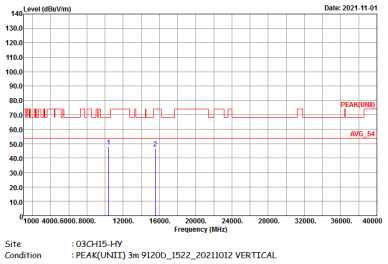
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+5	Horizontal	Vertical
Peak Avg.		

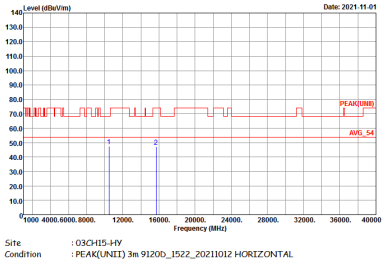
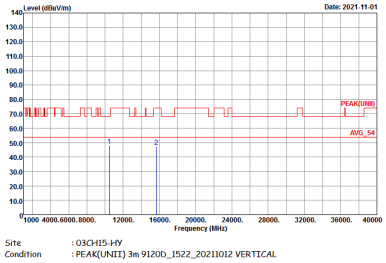
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

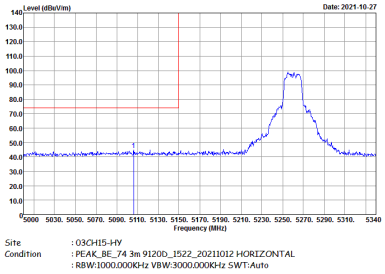
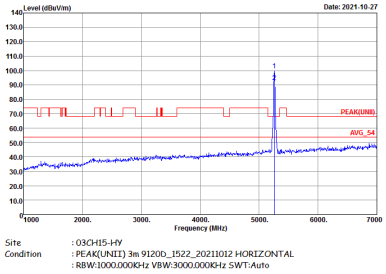
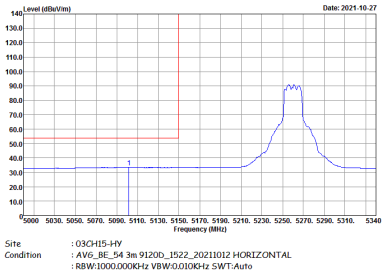
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

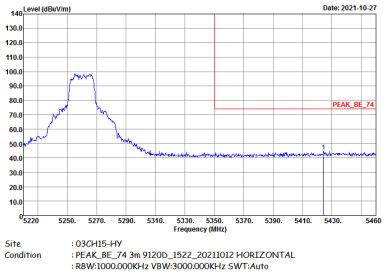
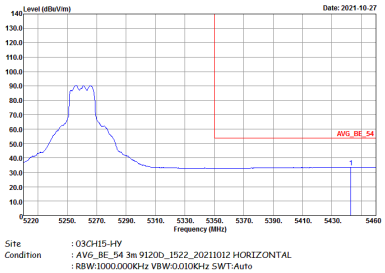
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
4+5	Horizontal	Vertical
Peak Avg.		

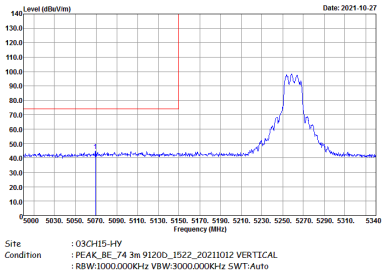
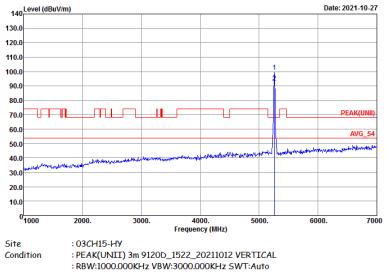
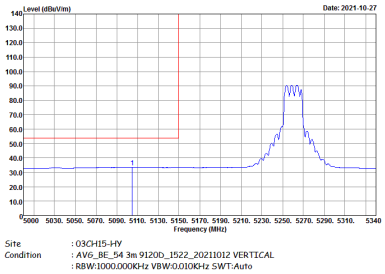
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
4+5	Horizontal	Vertical
Peak Avg.		

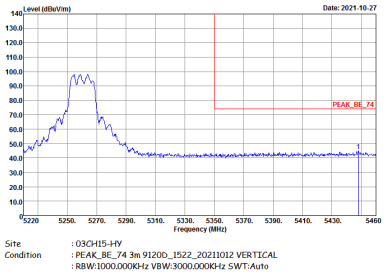
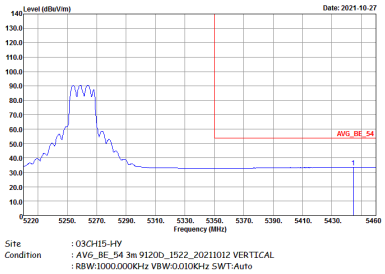
Band 2 - 5250~5350MHz

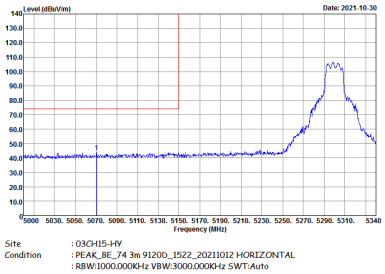
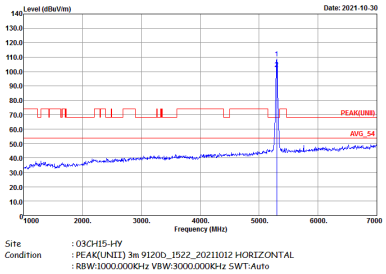
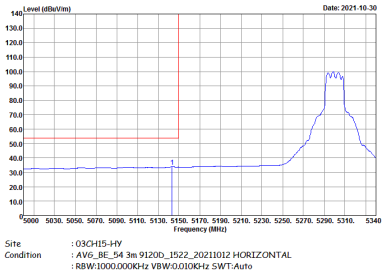
WIFI 802.11a (Band Edge @ 3m)

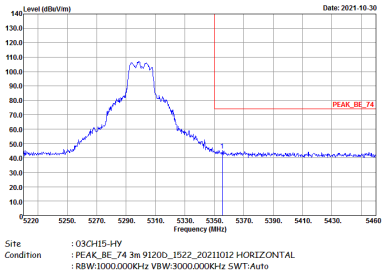
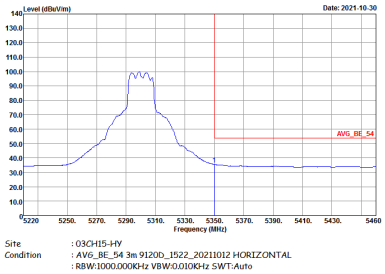
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

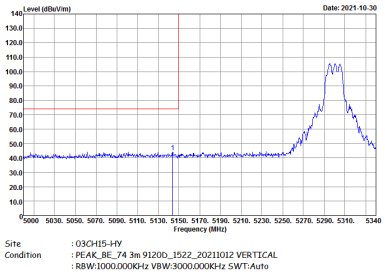
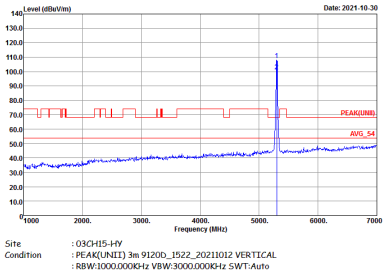
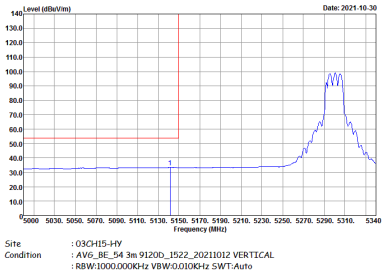
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

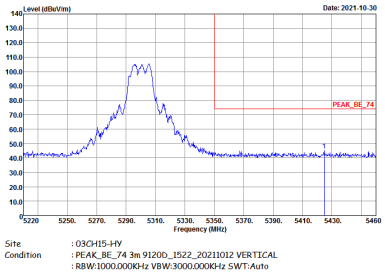
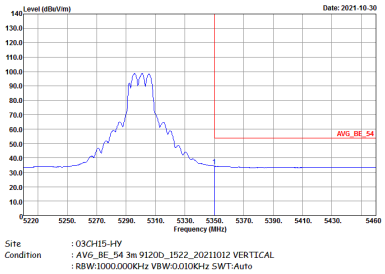
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

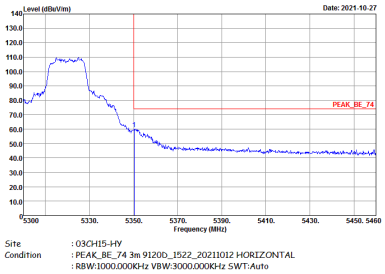
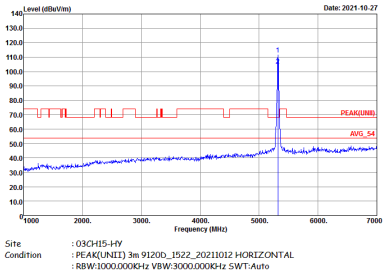
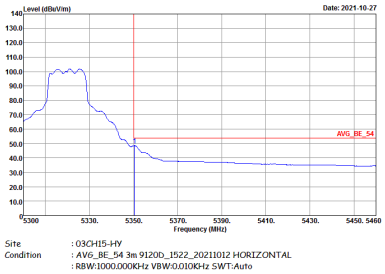
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

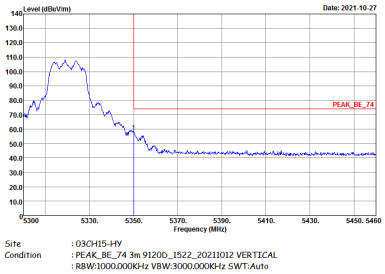
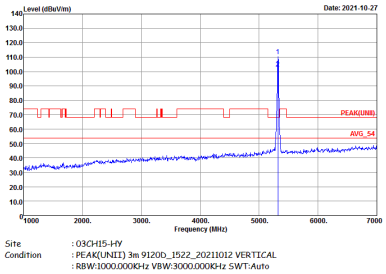
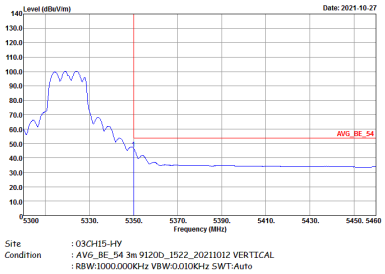
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

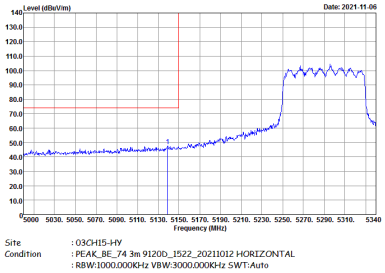
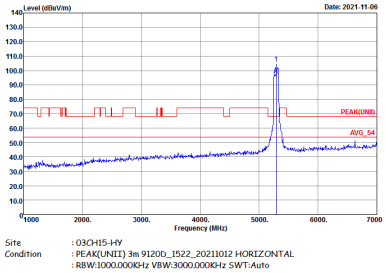
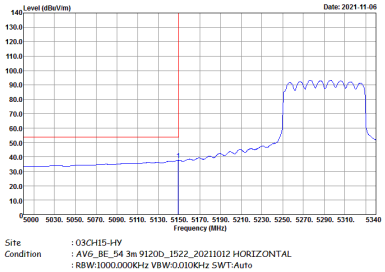
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

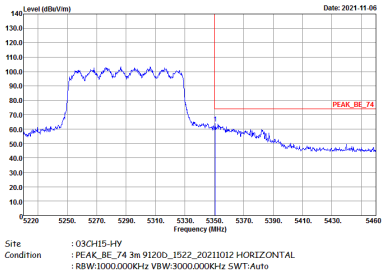
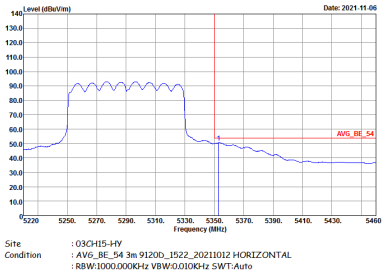
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

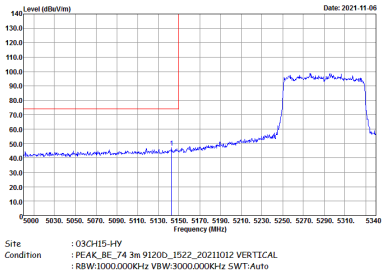
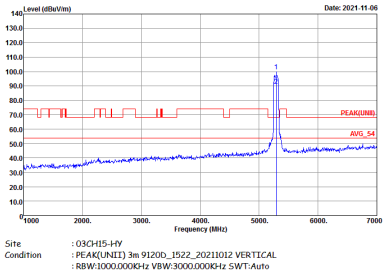
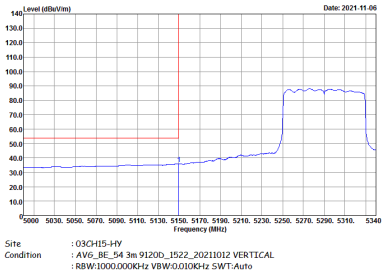
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

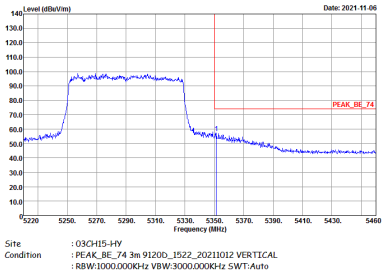
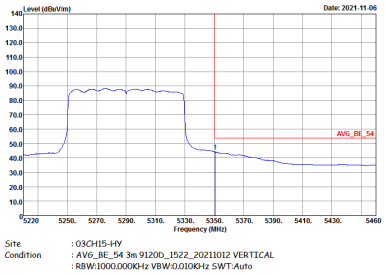
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

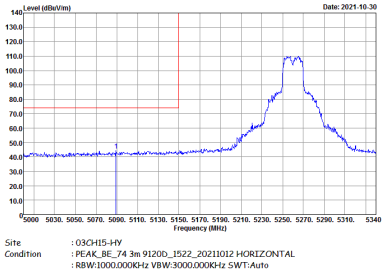
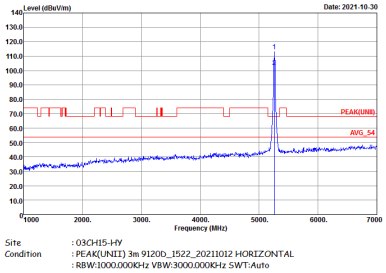
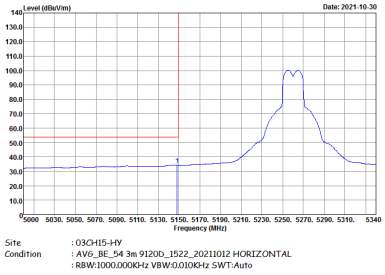
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

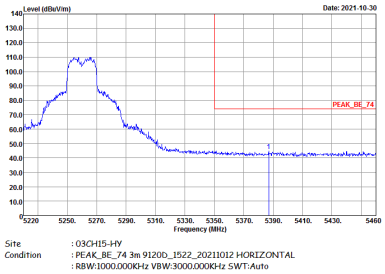
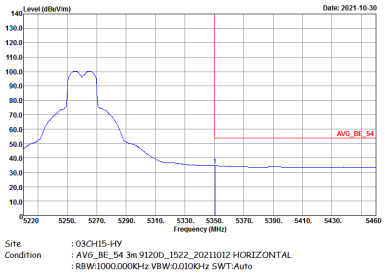
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

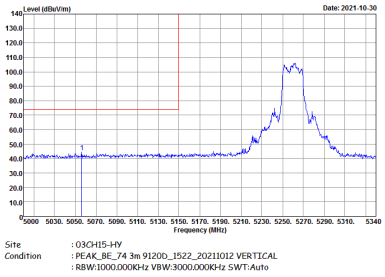
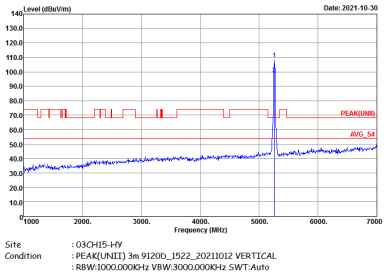
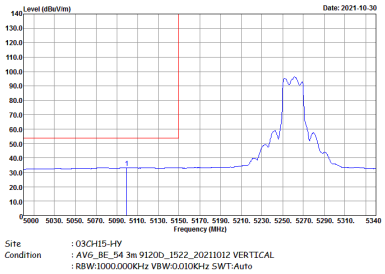
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

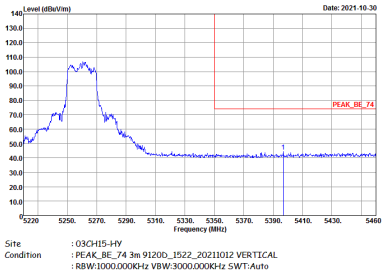
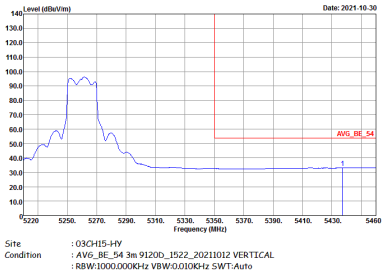
Band 2 - 5250~5350MHz

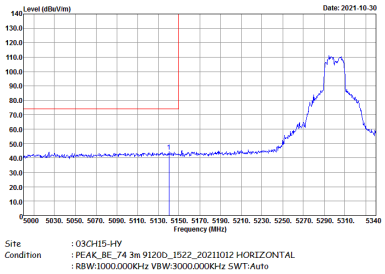
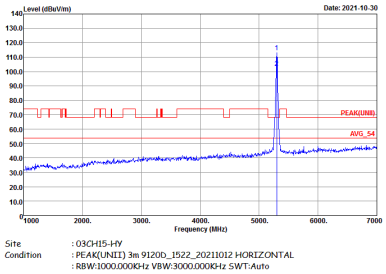
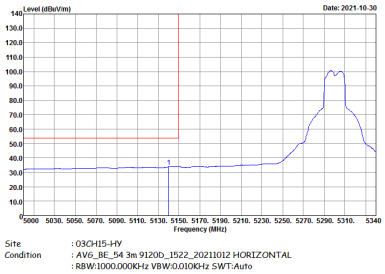
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

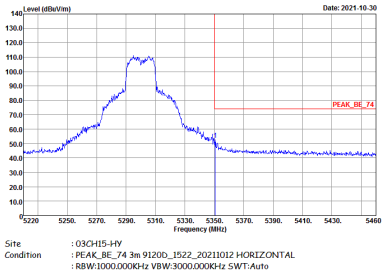
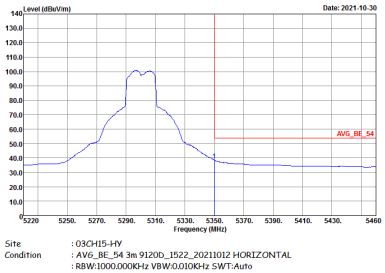
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

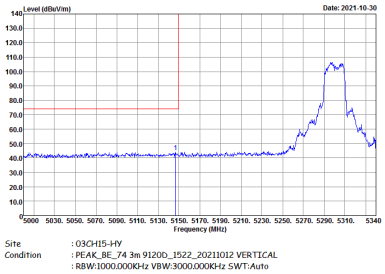
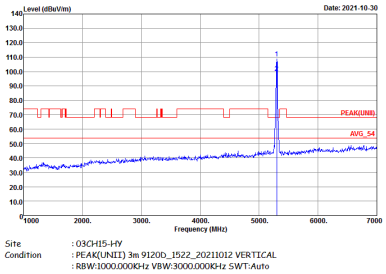
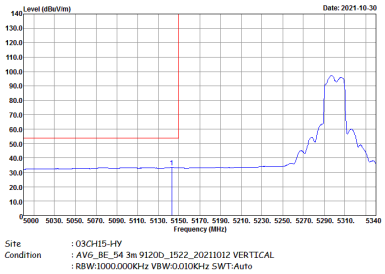
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

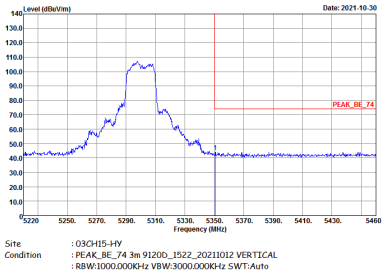
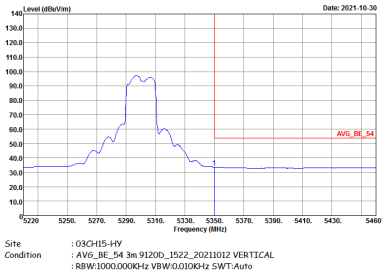
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

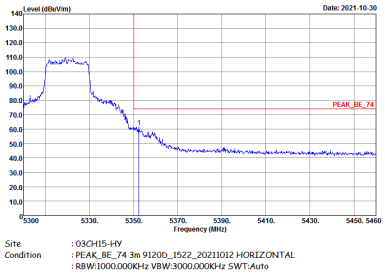
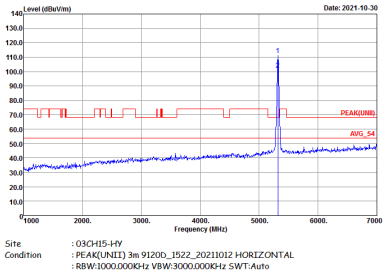
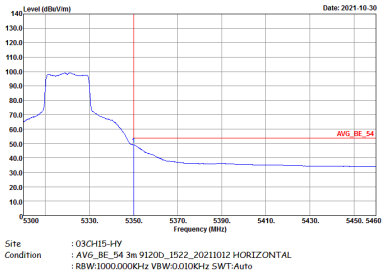
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

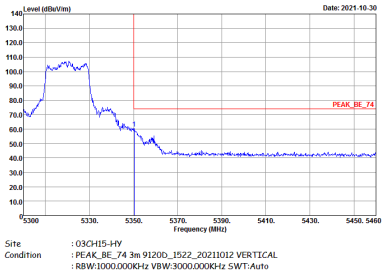
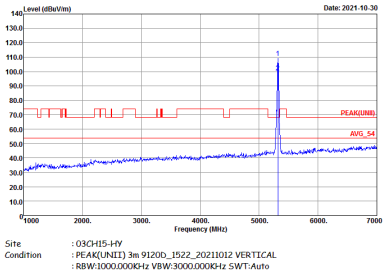
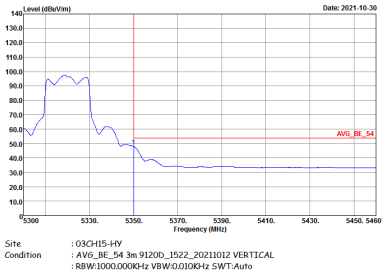
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

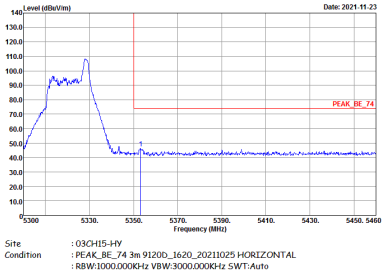
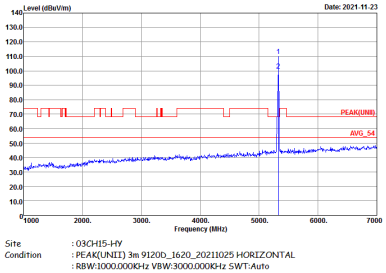
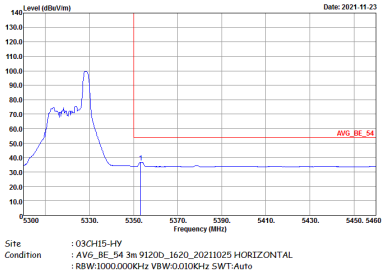
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

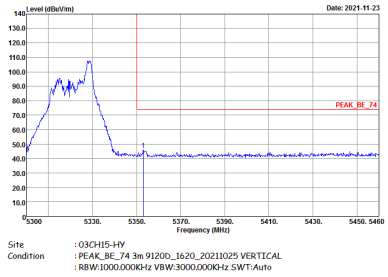
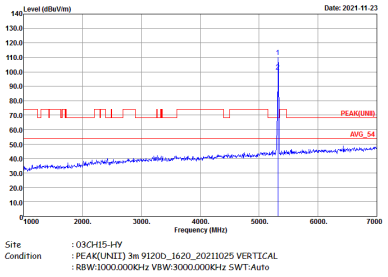
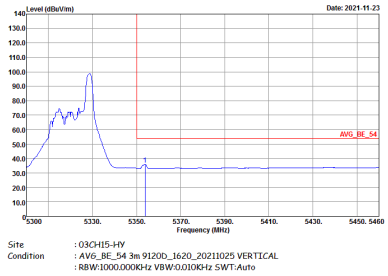
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
4+5	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_1522_20211012 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1522_20211012 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_1522_20211012 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 - 5250~5350MHz

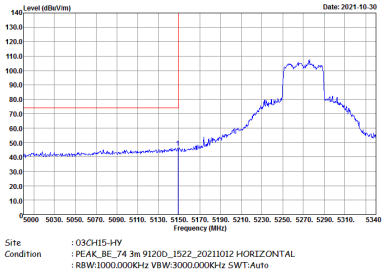
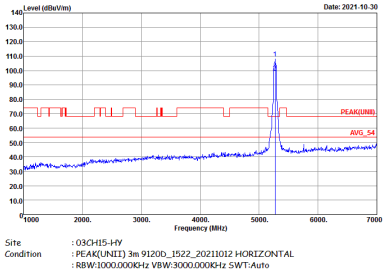
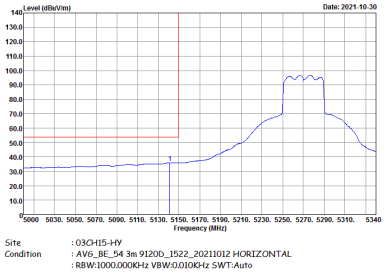
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

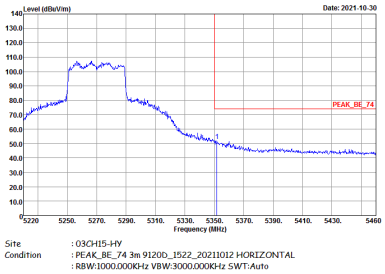
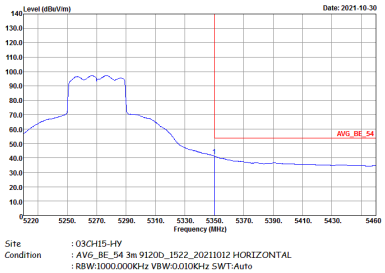
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

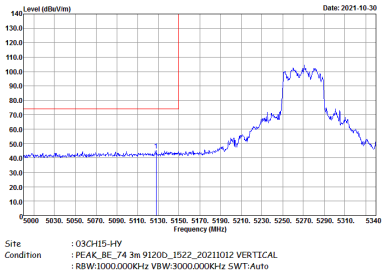
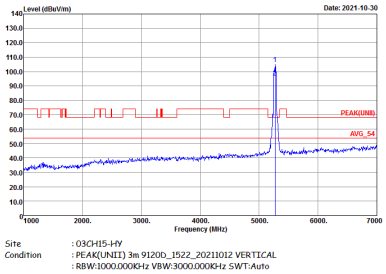
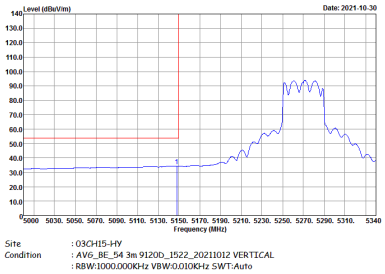
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
4+5	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_1620_20211025 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

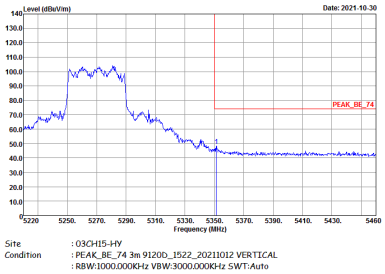
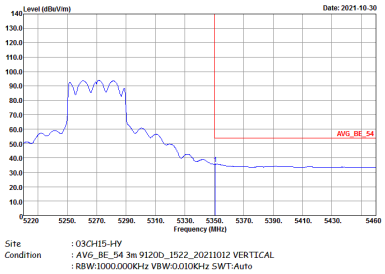
Band 2 - 5250~5350MHz

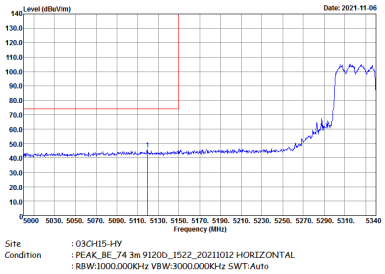
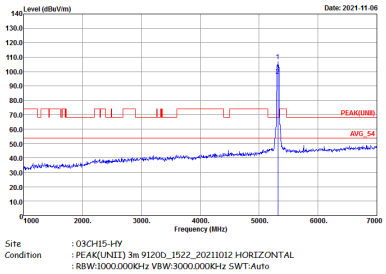
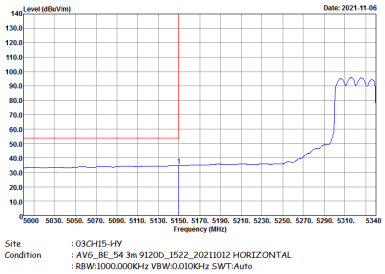
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

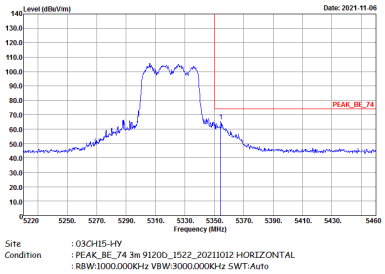
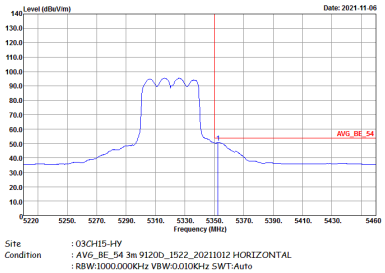
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

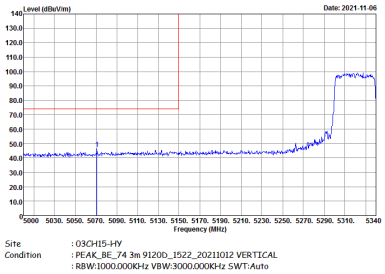
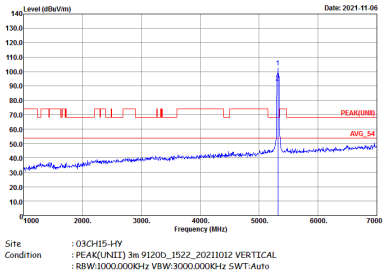
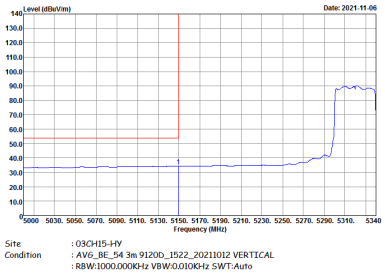
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

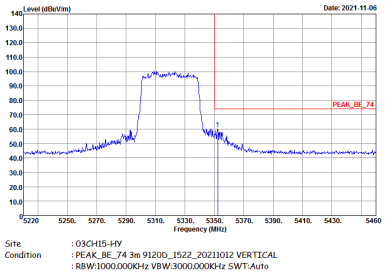
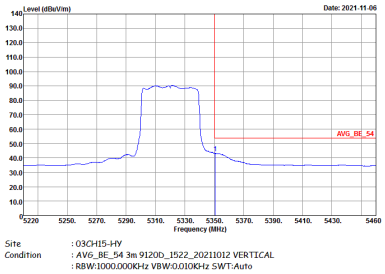
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

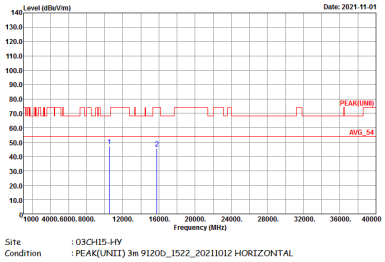
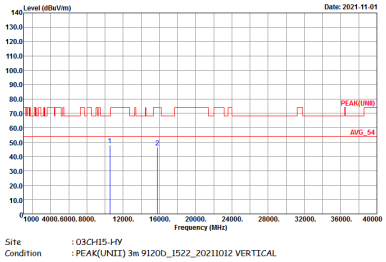
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

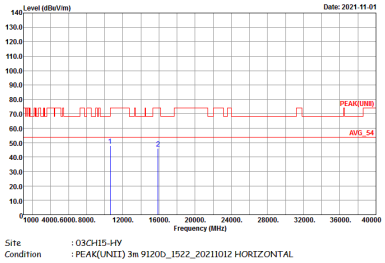
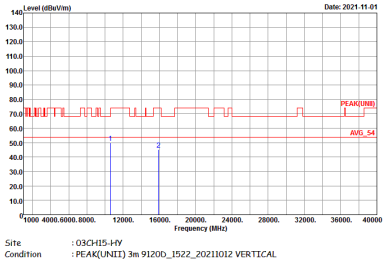
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

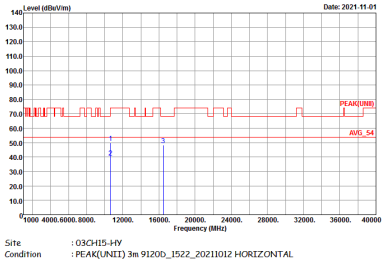
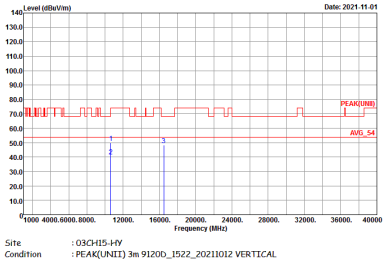
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

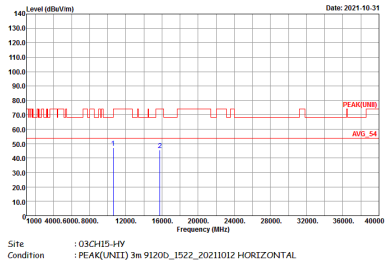
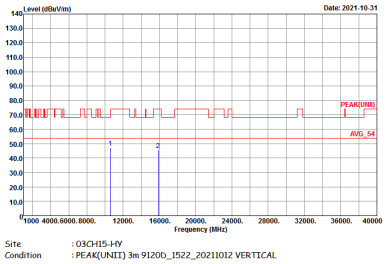
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
4+5	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
4+5	Horizontal	Vertical
Peak Avg.		

Band 2 - 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
4+5	Horizontal	Vertical
Peak Avg.