FCC RADIO TEST REPORT

FCC ID	:	**2AG7G-J1A**
Equipment	:	**Plume Adaptive Wi-Fi**
Brand Name	:	**Plume Design, Inc.**
Model Name	:	**J1A**
Applicant	:	**Plume Design, Inc.** **325 Lytton Ave., Palo Alto, CA 94301**
Manufacturer	:	**Plume Design, Inc.** **325 Lytton Ave., Palo Alto, CA 94301**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Oct. 15, 2021 and testing was performed from Nov. 23, 2021 to Jan. 07, 2022. 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
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Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FR1O0638D	01	Initial issue of report	Jan. 18, 2022

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	1.13 dB under the limit at 5352.000 MHz and 5457.450 MHz
3.5	15.207	AC Conducted Emission	Pass	11.15 dB under the limit at 0.688 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: Danny Lee

Report Producer: Amy Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/n/ac/ax and UWB.

Product Feature	
Antenna Type	**WLAN** **<2400 MHz ~ 2483.5 MHz>** <Ant. 3>: IFA Antenna <Ant. 4>: IFA Antenna **<5180 MHz ~ 5240 MHz>** <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna <Ant. 3>: IFA Antenna <Ant. 4>: IFA Antenna **<5260 MHz ~ 5320 MHz>** <Ant. 1>: IFA / Slot Antenna <Ant. 2>: IFA / Slot Antenna <Ant. 3>: IFA / Slot Antenna <Ant. 4>: IFA / Slot Antenna **<5500MHz ~ 5825 MHz>** <Ant. 1>: IFA / Slot Antenna <Ant. 2>: IFA / Slot Antenna <Ant. 3>: IFA / Slot Antenna <Ant. 4>: IFA / Slot Antenna **<5925 MHz ~ 6425 MHz>** <Ant. 5>: IFA Antenna <Ant. 6>: IFA Antenna <Ant. 7>: IFA Antenna <Ant. 8>: IFA Antenna **<6425 MHz ~ 6525 MHz>** <Ant. 5>: IFA Antenna <Ant. 6>: IFA Antenna <Ant. 7>: IFA Antenna <Ant. 8>: IFA Antenna **<6525 MHz ~ 6875 MHz>** <Ant. 5>: IFA Antenna <Ant. 6>: IFA Antenna <Ant. 7>: IFA Antenna <Ant. 8>: IFA Antenna **<6875 MHz ~ 7125 MHz>** <Ant. 5>: IFA Antenna <Ant. 6>: IFA Antenna <Ant. 7>: IFA Antenna <Ant. 8>: IFA Antenna **Bluetooth - LE:** IFA Antenna **UWB:** IFA Antenna

Antenna information		
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 4.1 Ant. 2: 3.8 Ant. 3: 2.4 Ant. 4: 2.6
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 4.6 Ant. 2: 4.8 Ant. 3: 2.7 Ant. 4: 2.6

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 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 (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY (TAF Code: 1190)
Remark	The AC 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 (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH11-HY

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

FCC designation No.: TW1190 and TW3786

1.4 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 Z 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)
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)	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.

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 (Covered by HE80)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

TXBF Mode

Modulation	Data Rate
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 (Covered by HE80)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (2.4GHz) Link + WLAN (5GHz) Link + WLAN (6GHz) Link + UWB Link + LAN Link + WAN Link

<CDD Mode>

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

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

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

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80
L	Low	-	106
M	Middle	58	-
H	High	-	122
Straddle		-	138

<TXBF Mode>

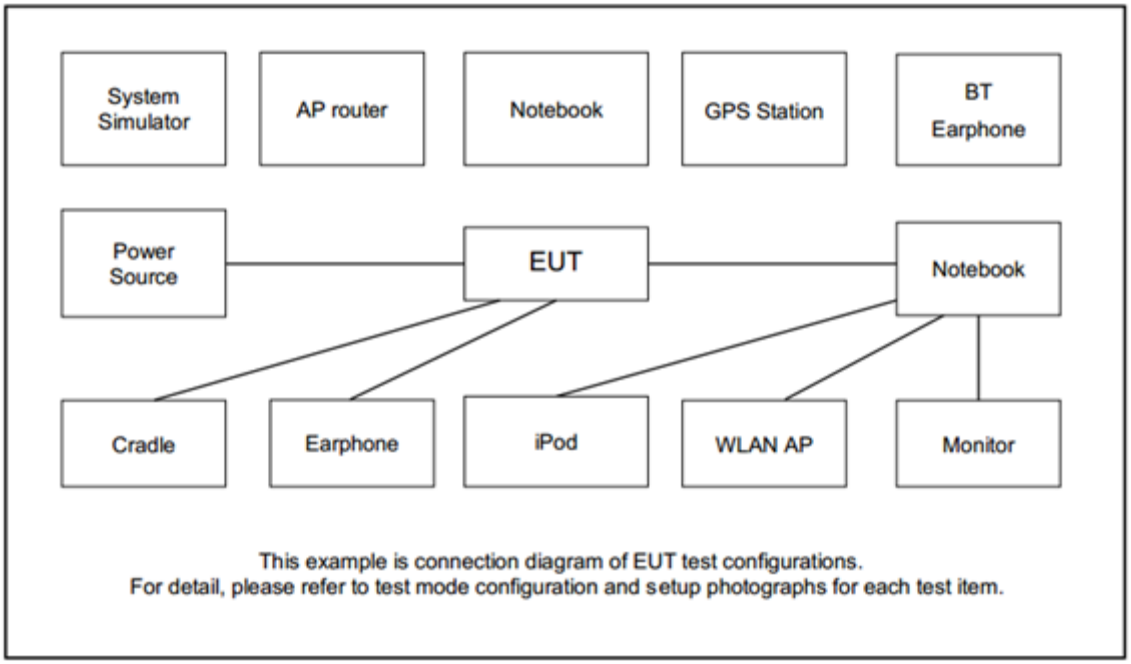
Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE20	802.11ax HE20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

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

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80
L	Low	-	106
M	Middle	58	-
H	High	-	122
Straddle		-	138

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



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	R&S	CMW 500	N/A	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	PC	msi	9461NGW	PD99461NG	N/A	Unshielded, 1.8 m
4.	Plume Adaptive Wi-Fi	Plume Design Inc.	J1A	2AG7G-J1A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QSPR Version 5.0-00198” 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 “Putty Release 0.60” 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.

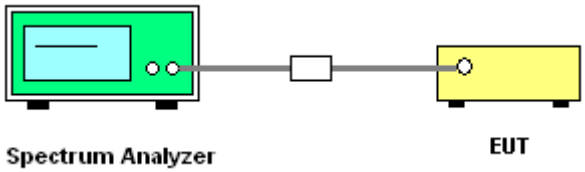
3.1.2 Measuring Instruments

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

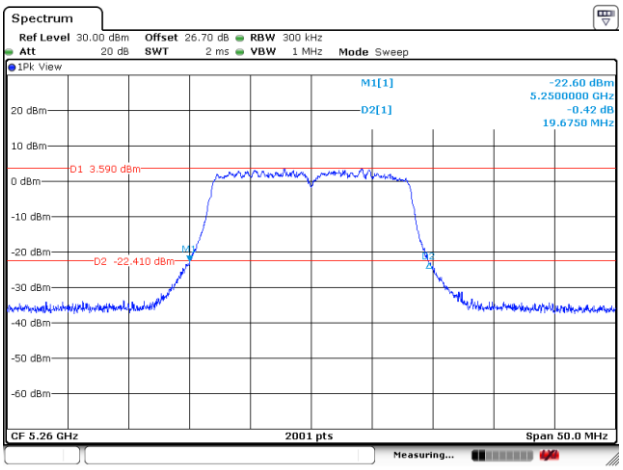
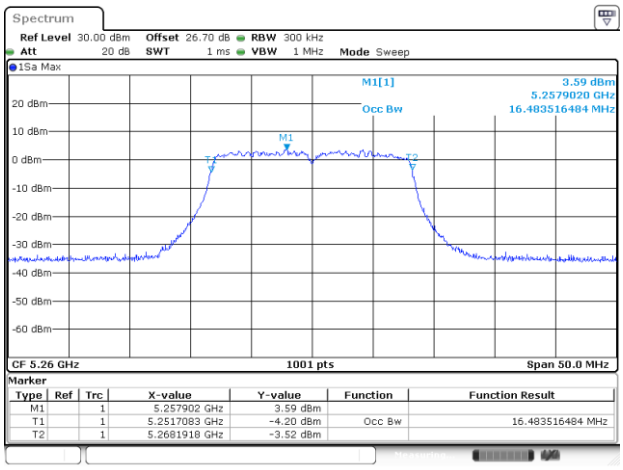


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

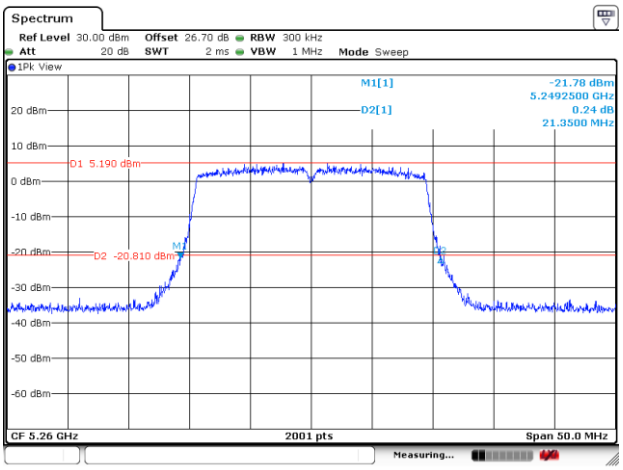
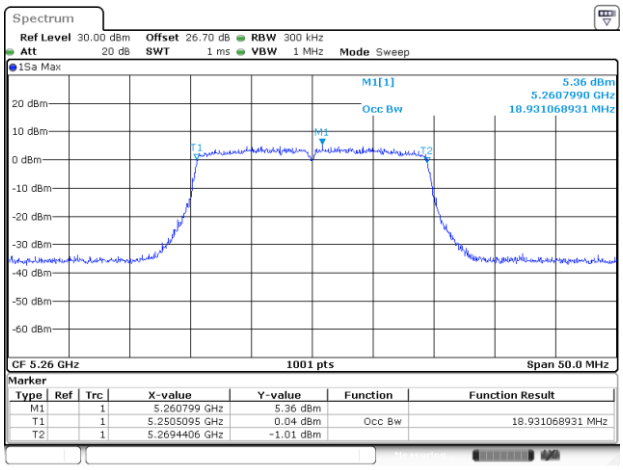
<CDD Mode>

<802.11a CH52>

26dB Bandwidth	99% Occupied Bandwidth
	

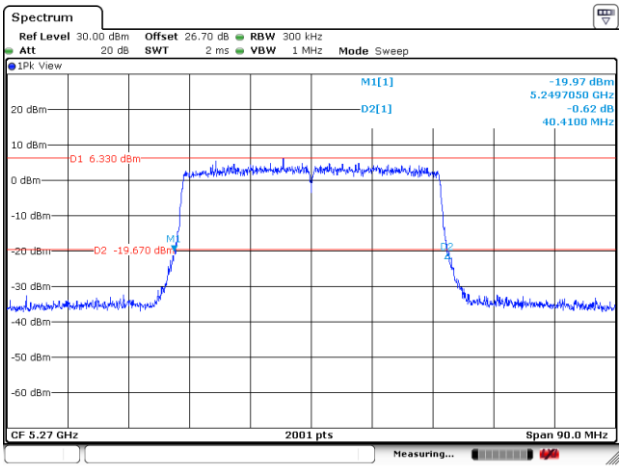
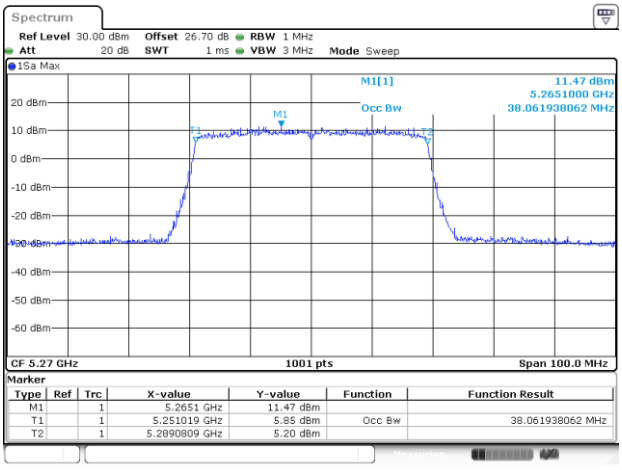
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20 CH52>

26dB Bandwidth	99% Occupied Bandwidth
	

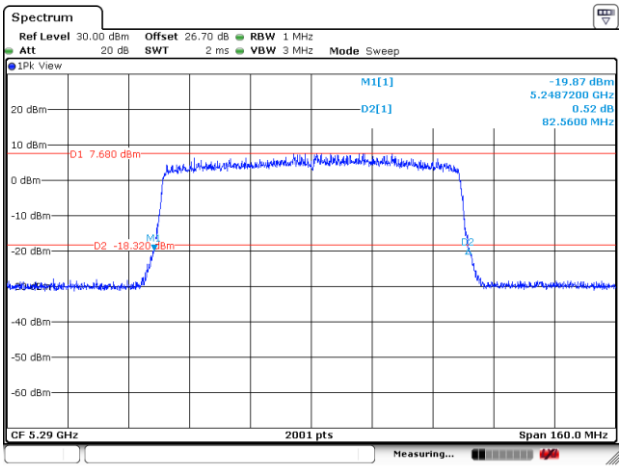
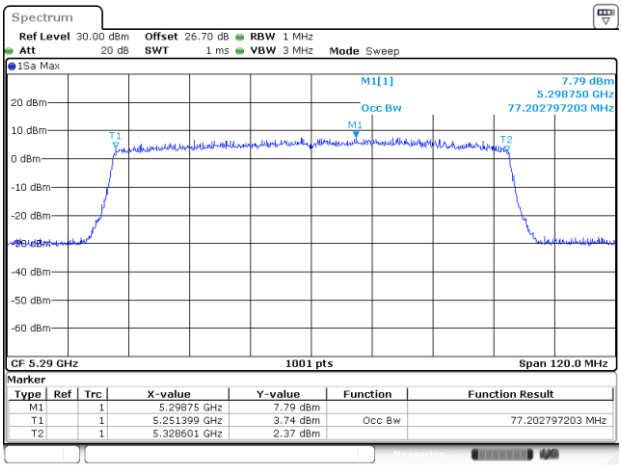
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40 CH54>

26dB Bandwidth	99% Occupied Bandwidth
	

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

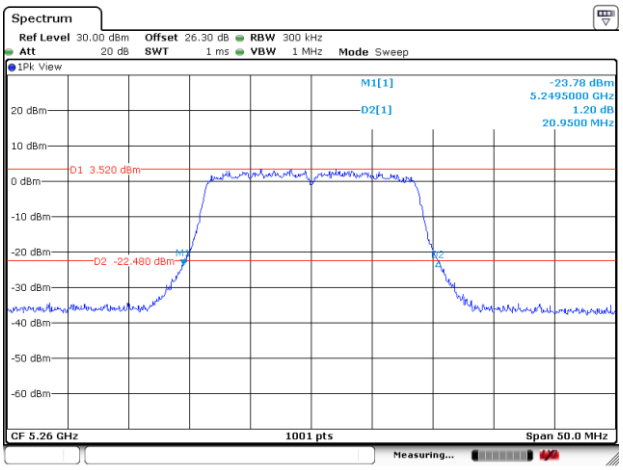
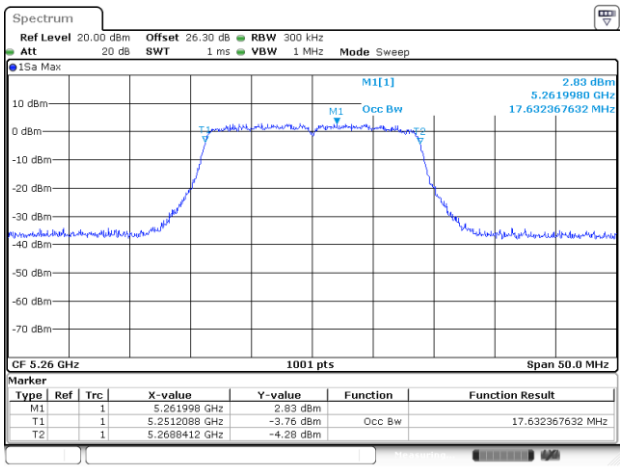
<802.11ax HE80 CH58>

26dB Bandwidth	99% Occupied Bandwidth
	

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

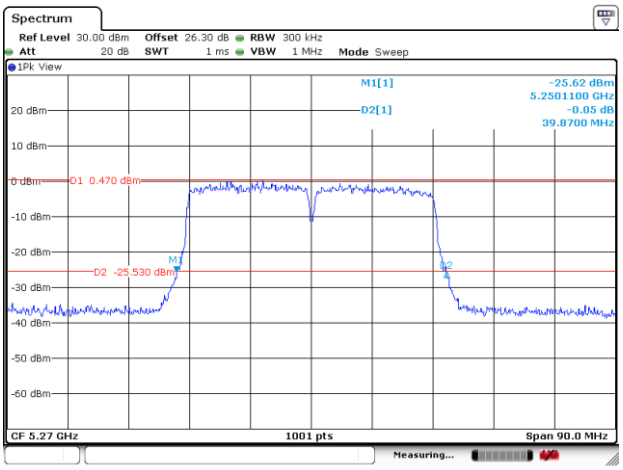
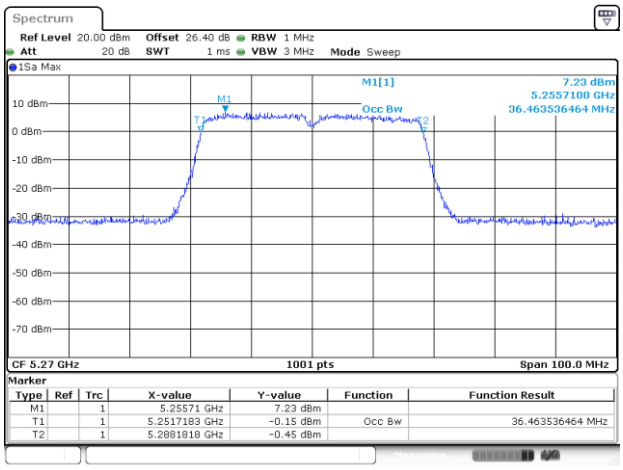
<TXBF Modes>

<802.11ax HE20 CH52>

26dB Bandwidth	99% Occupied Bandwidth
	

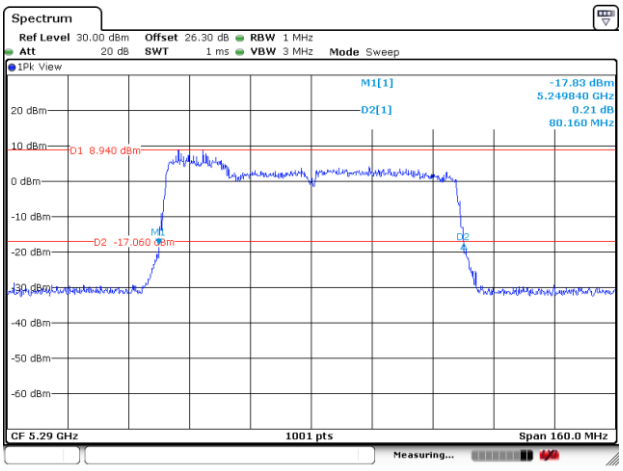
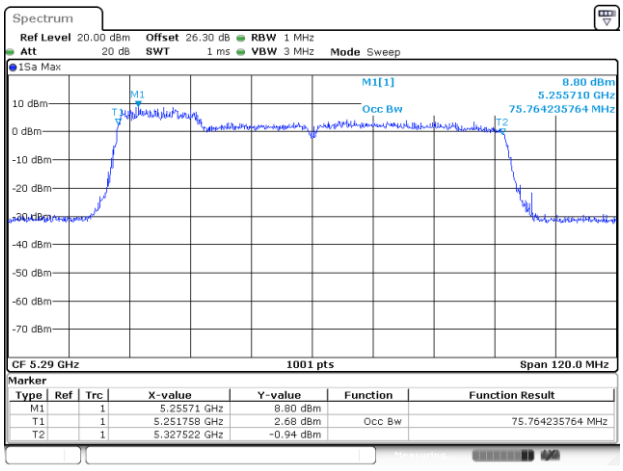
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40 CH54>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE80 CH58>

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 5.25–5.725 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

<TXBF Modes>

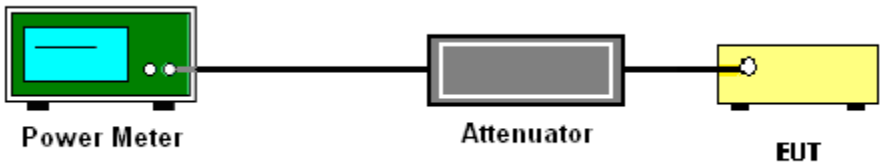
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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 5.25–5.725 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 4 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, output 3 and output 4 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

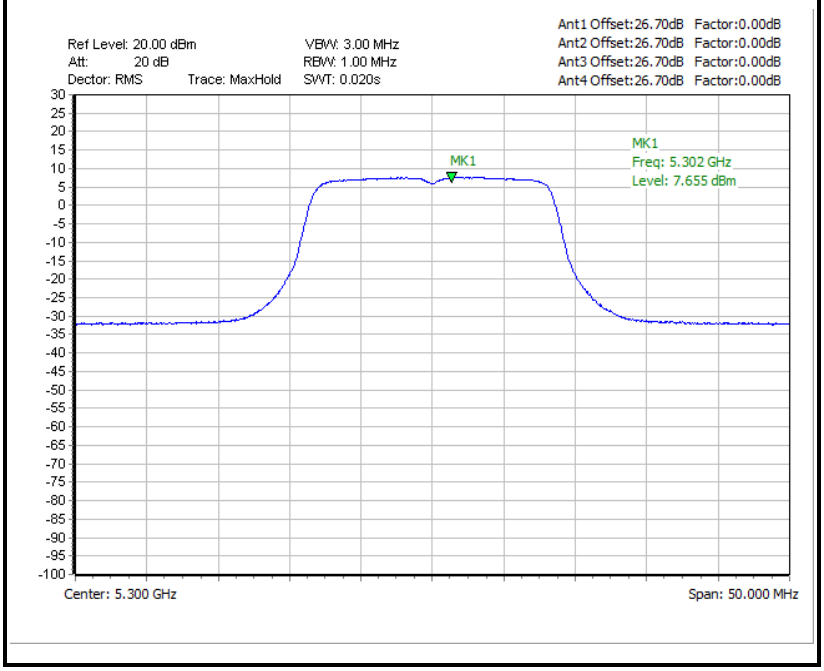
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

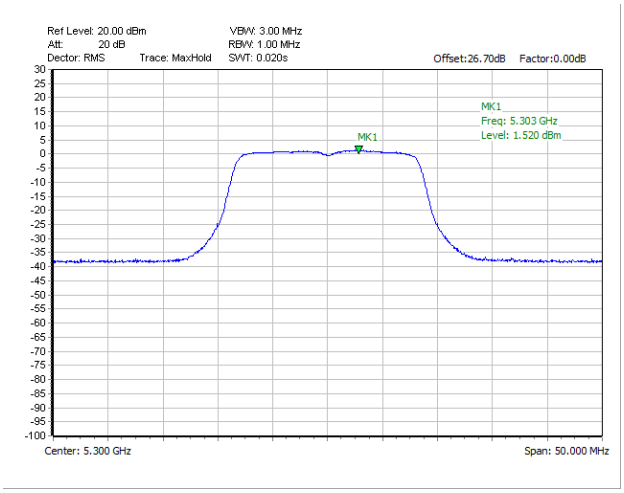
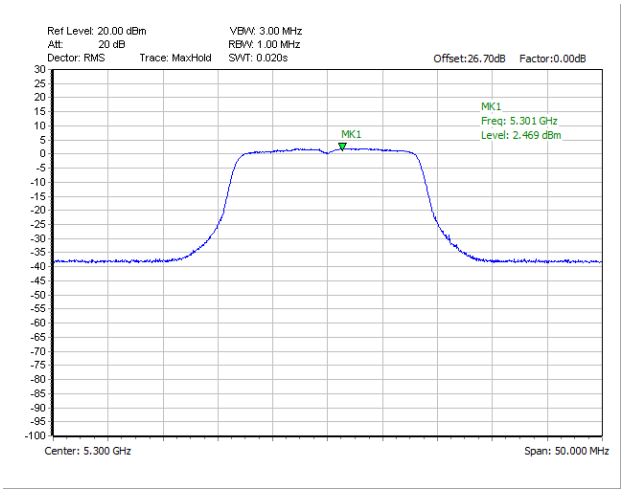
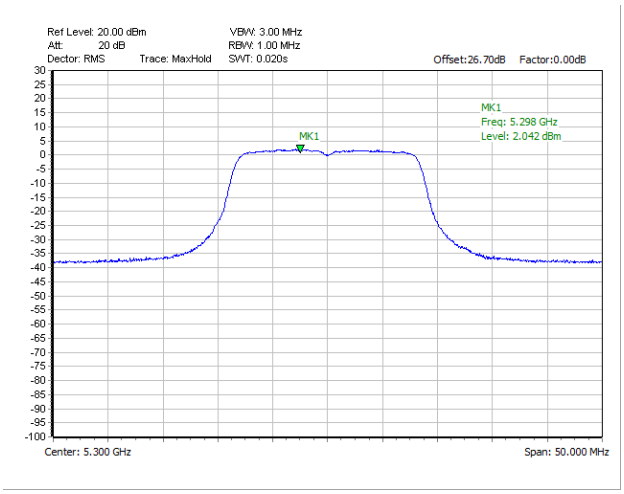
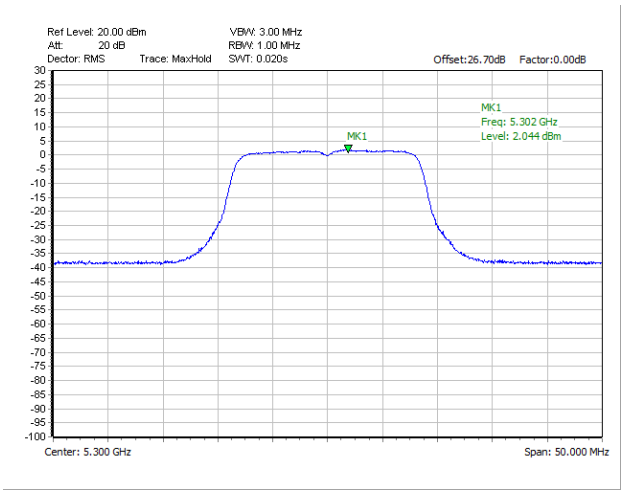
<CDD Modes>

<802.11a Mode>

Worst Case Power Density (dBm/MHz)



Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

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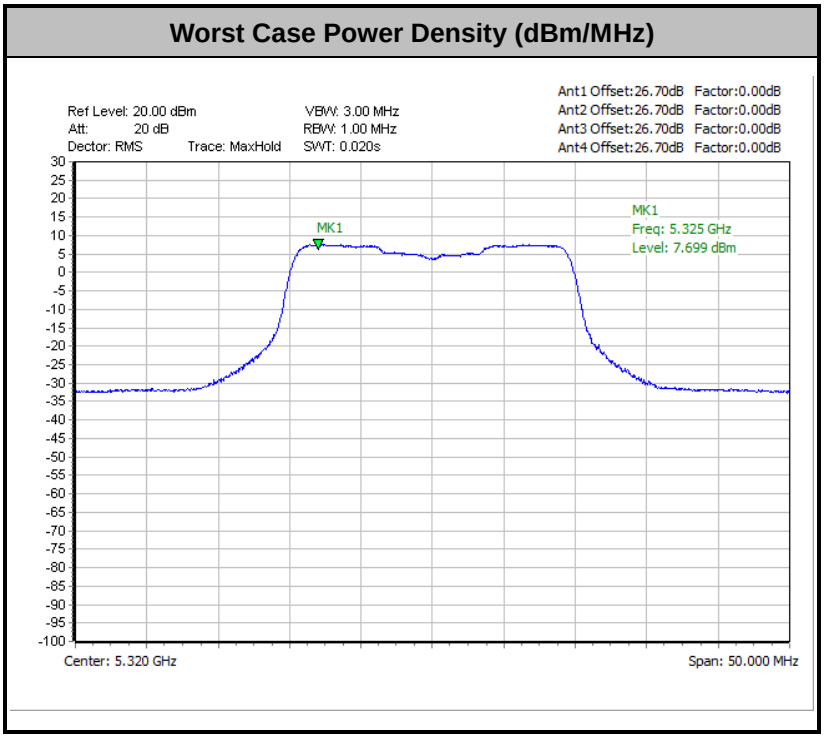
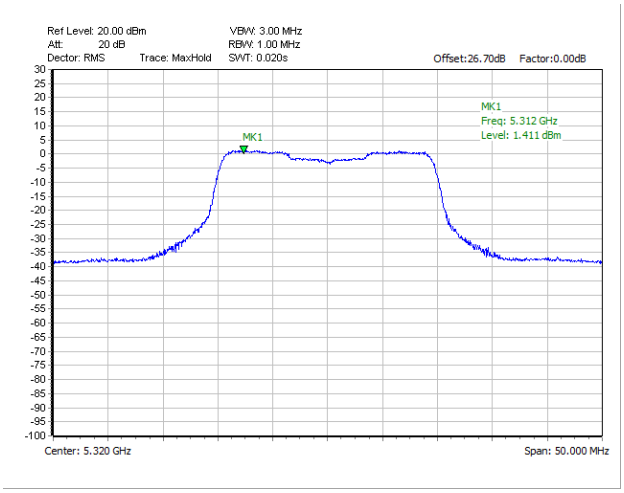
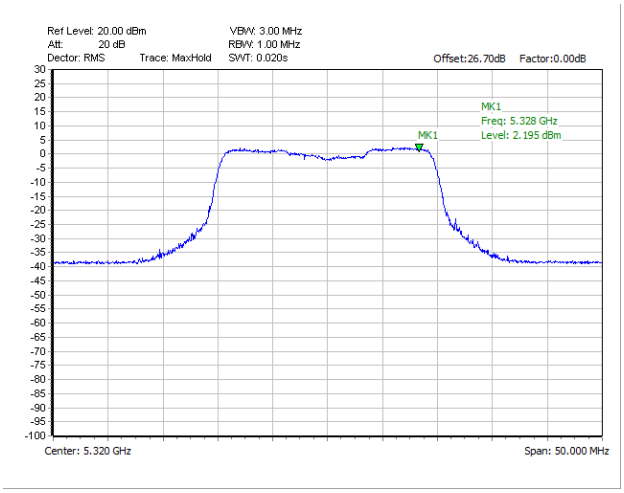
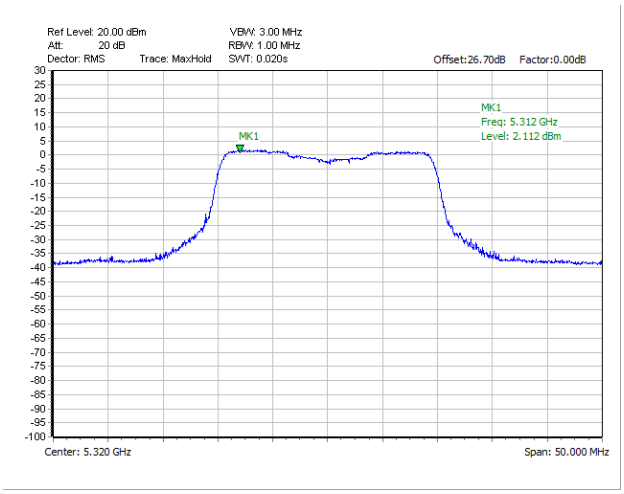
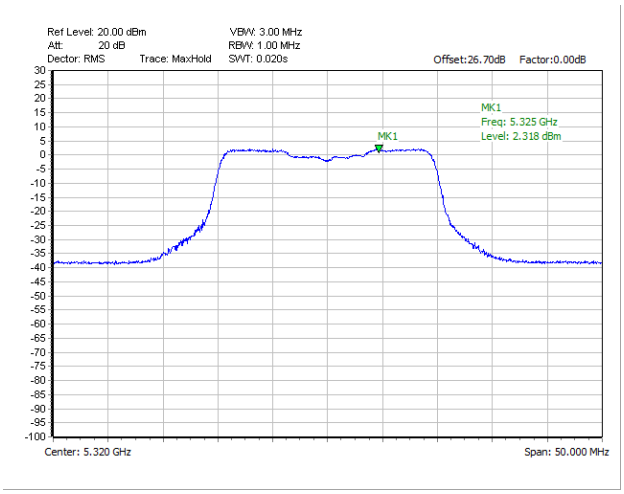


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

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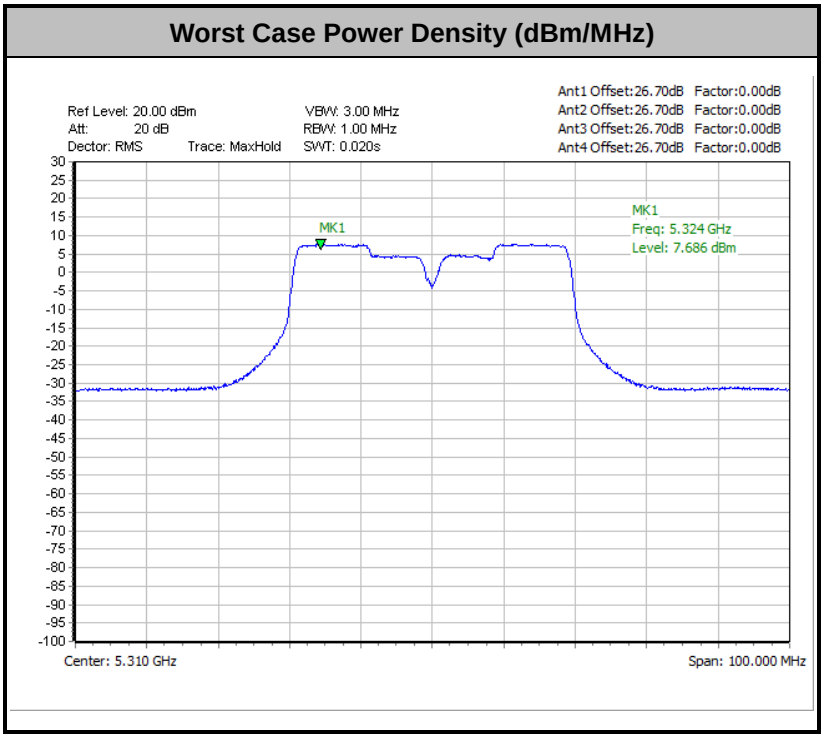
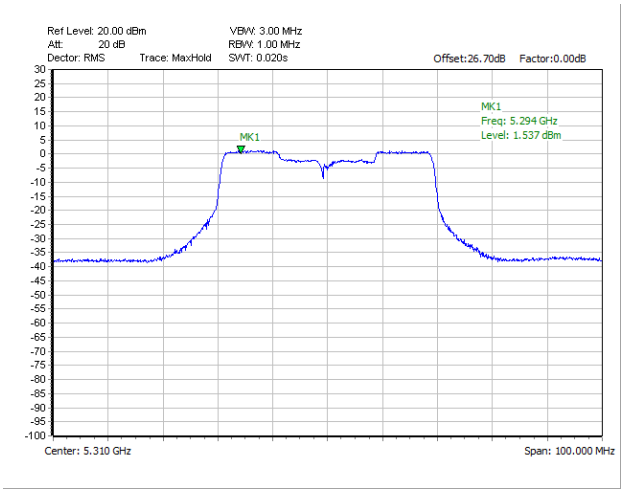
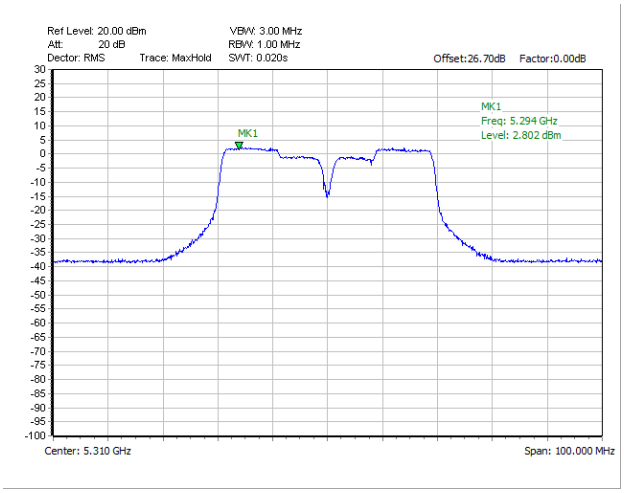


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
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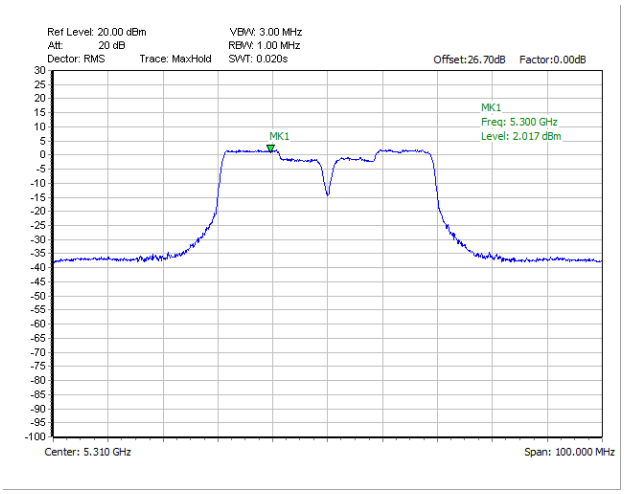	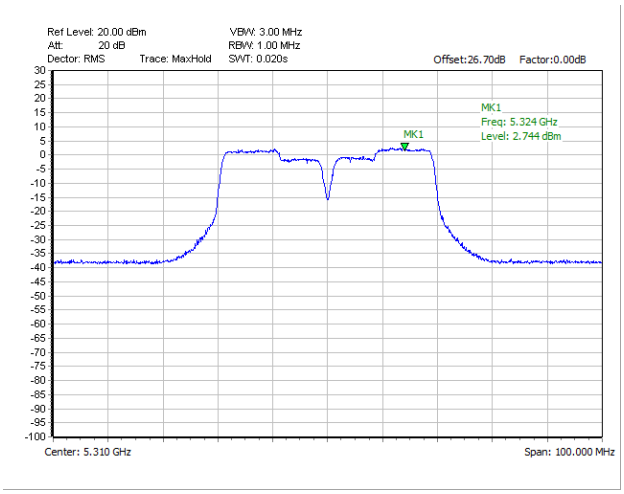

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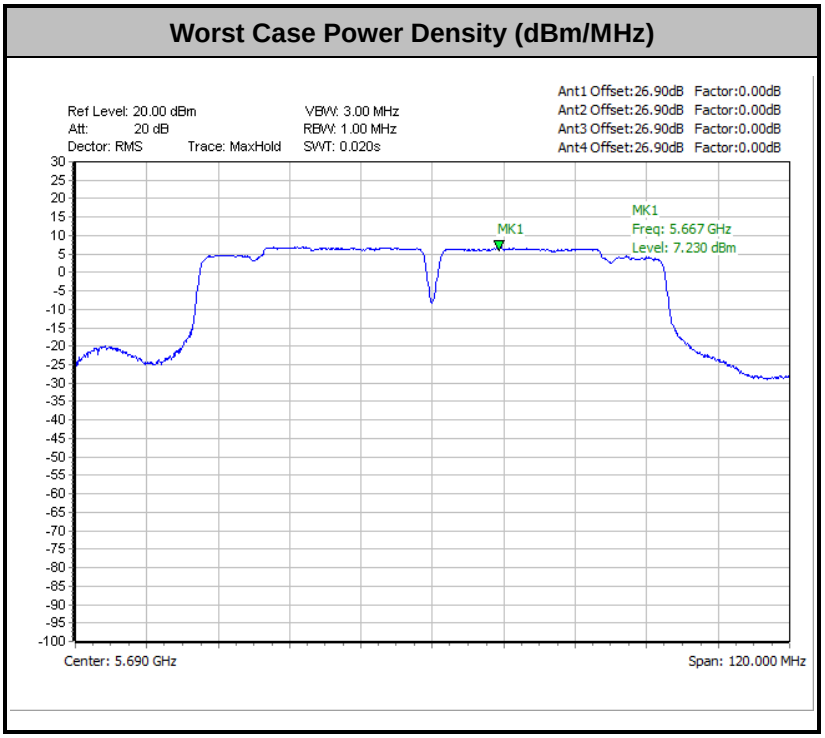
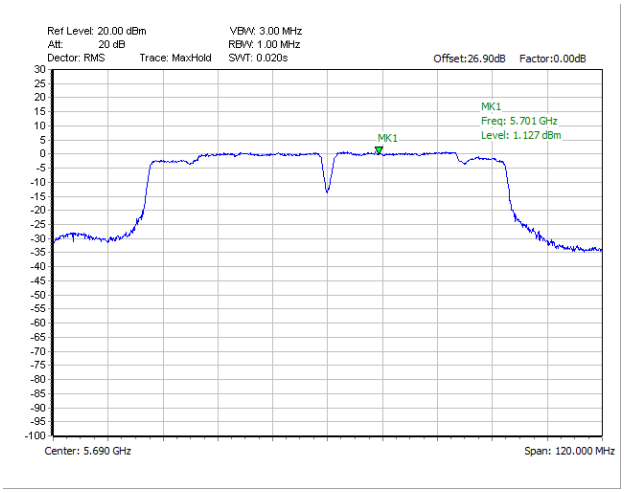
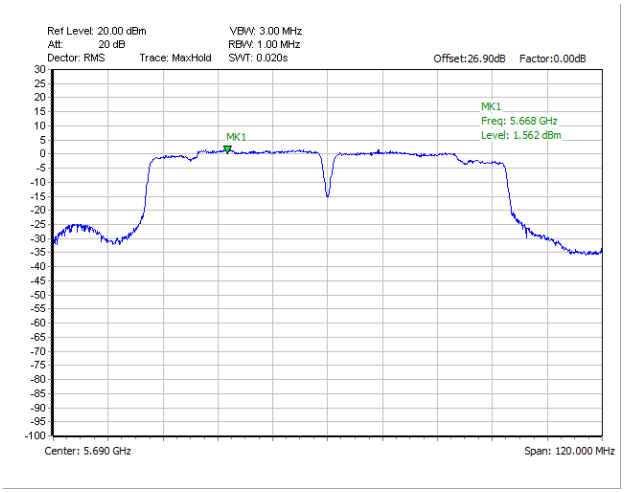
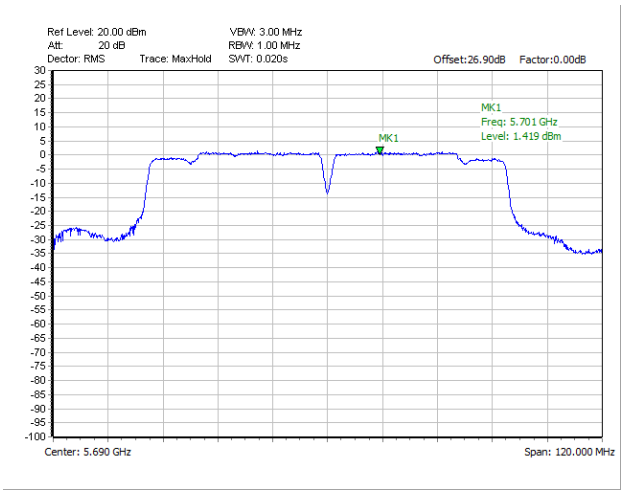
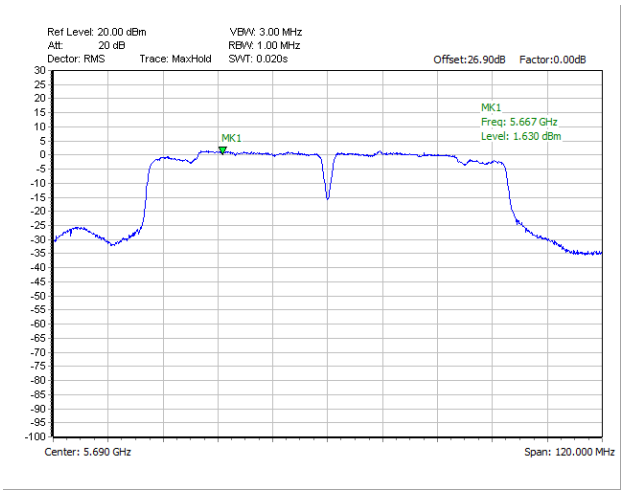


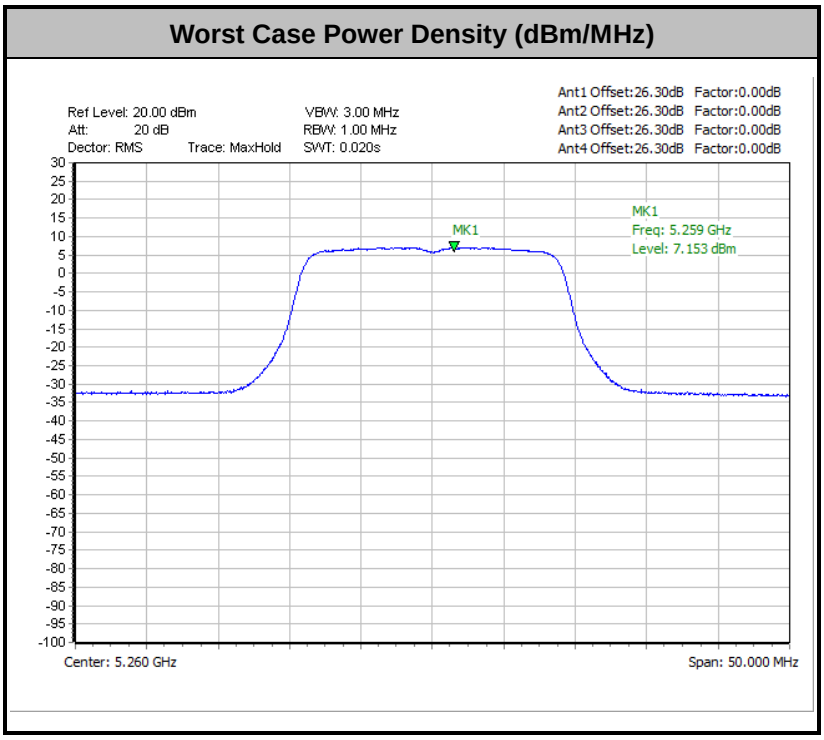
Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

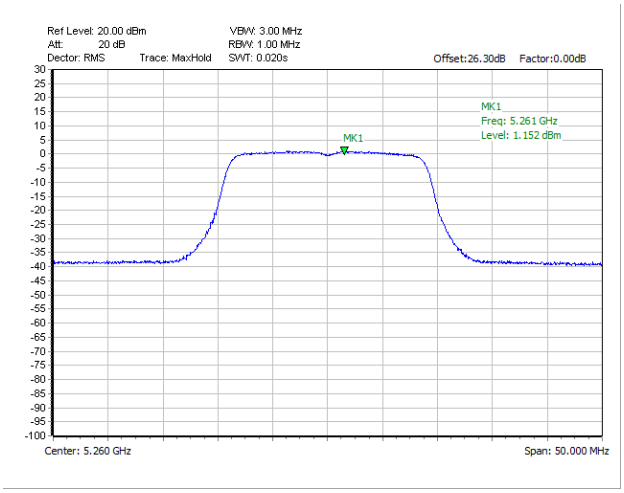
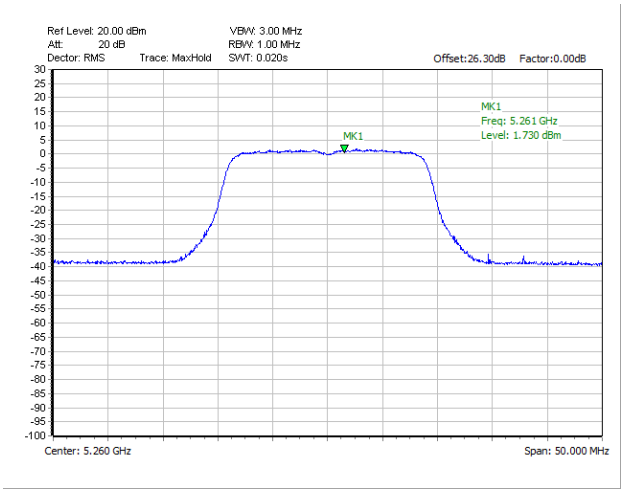
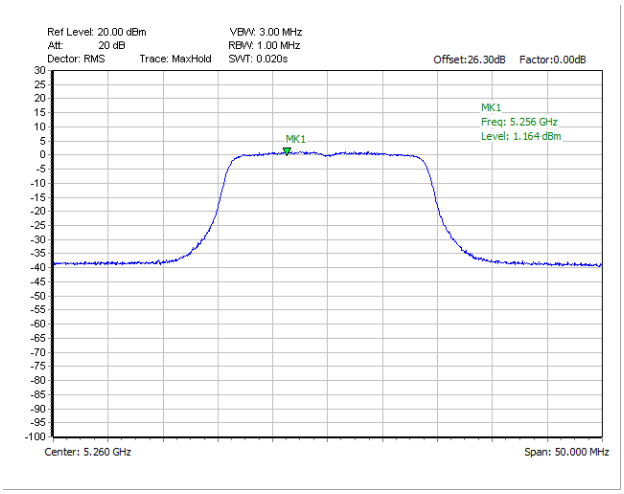
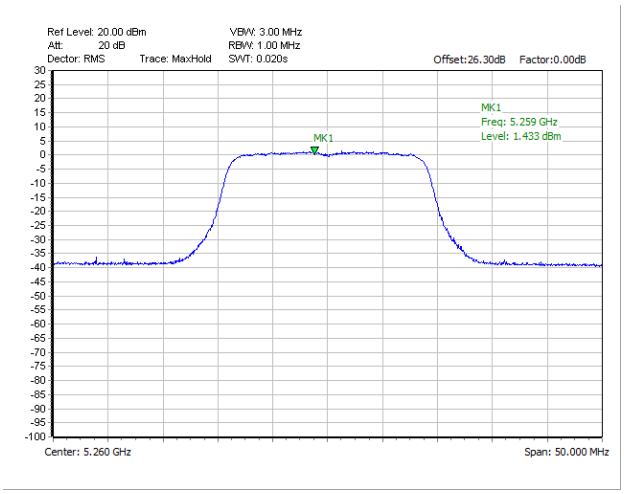
<TXBF Modes>

<802.11ax HE20 Mode>

Worst Case Power Density (dBm/MHz)



Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

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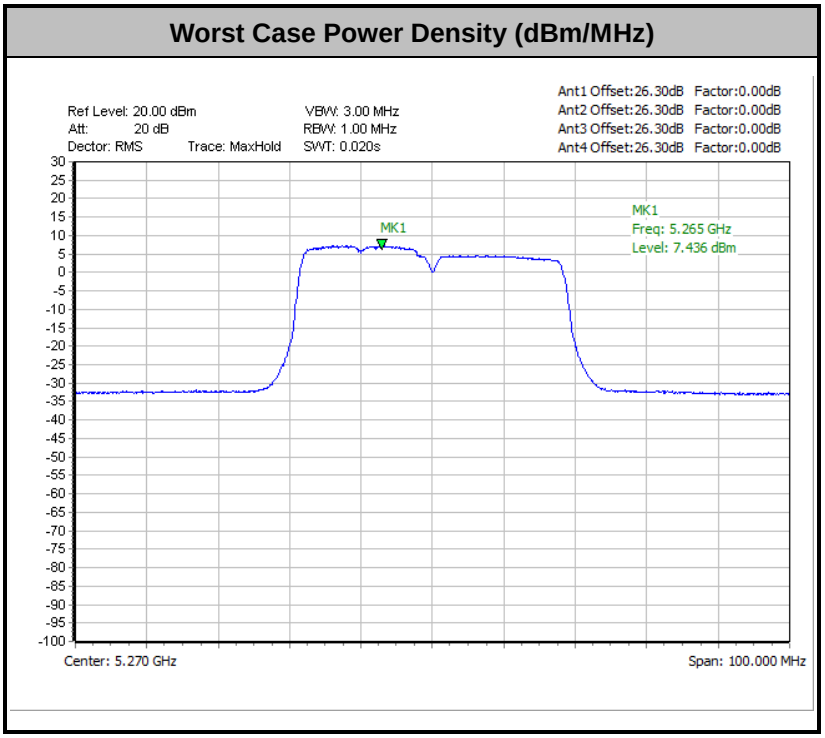
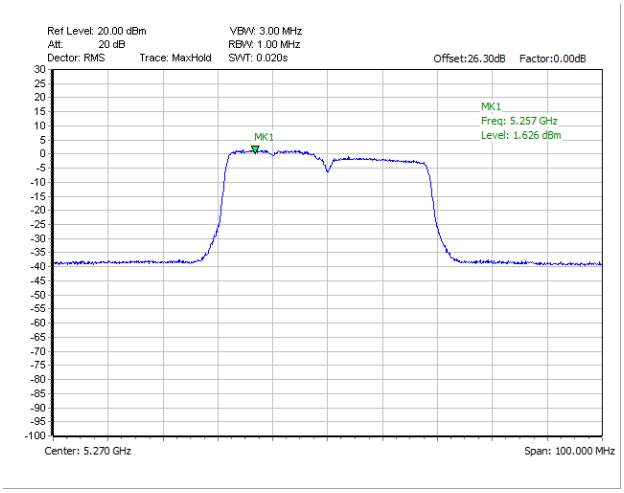
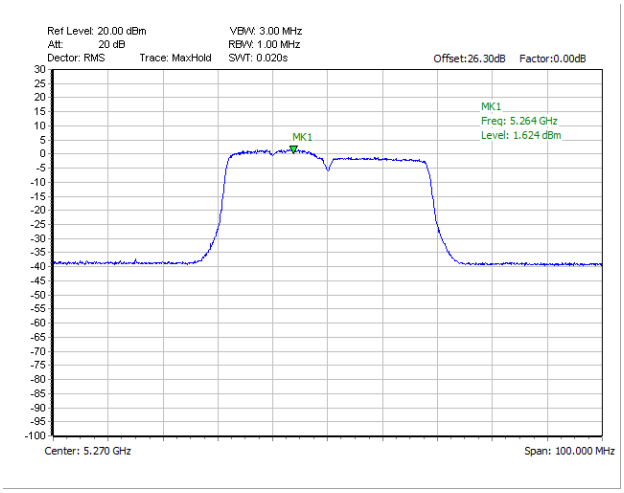
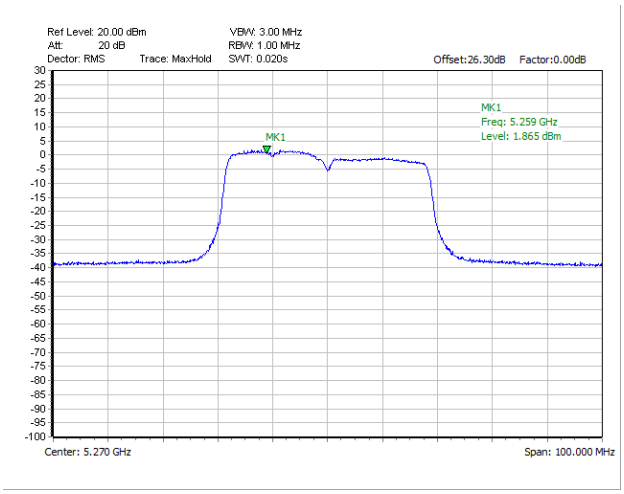
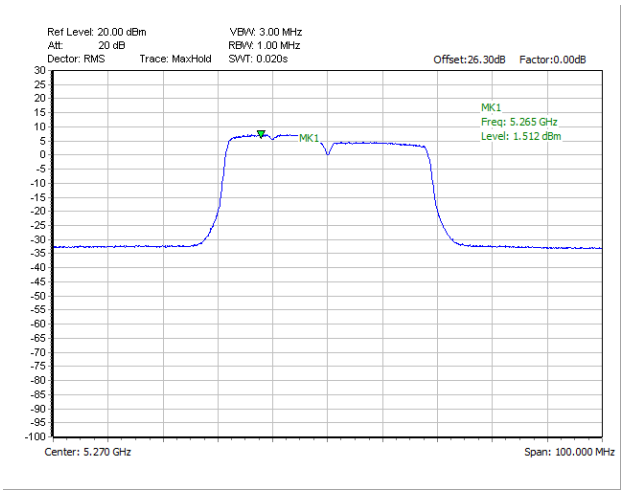


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

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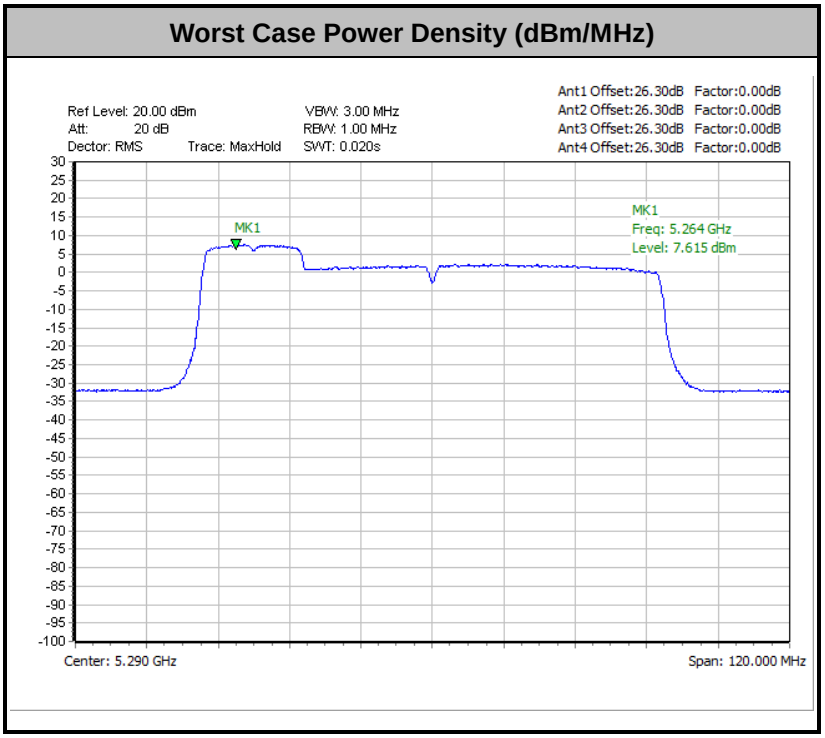
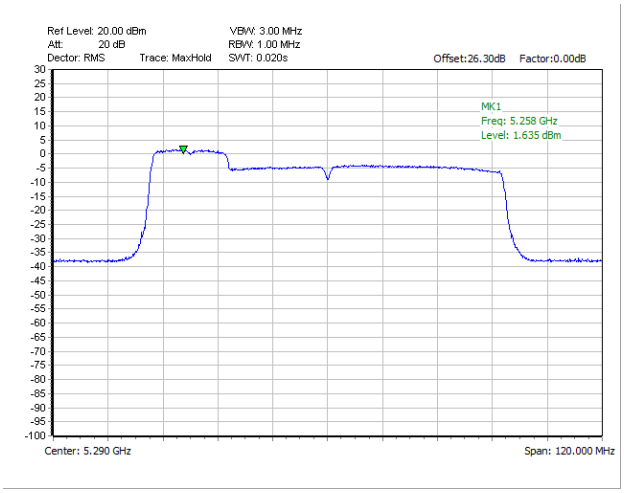
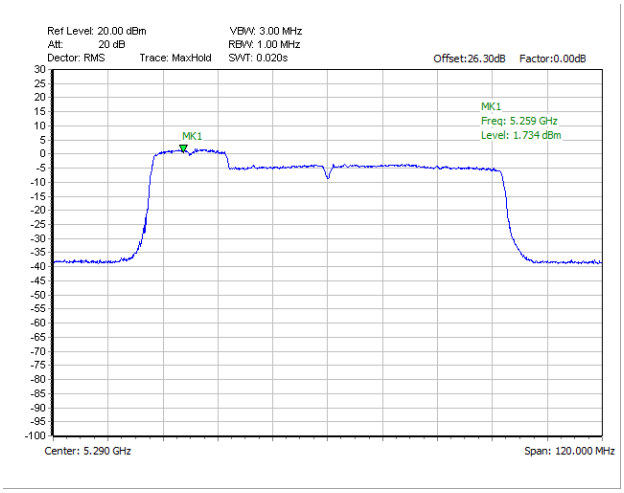
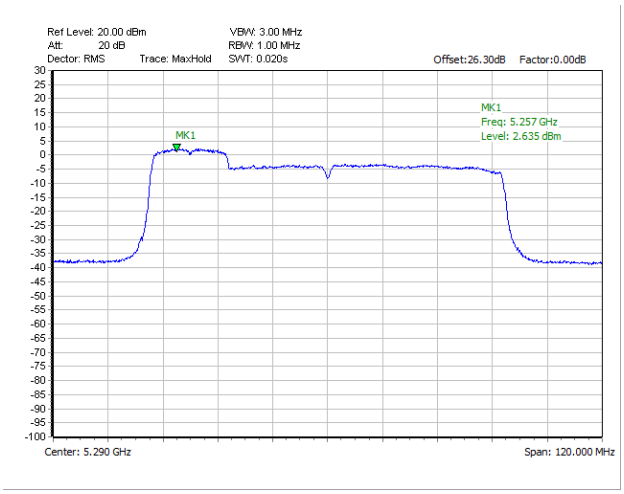
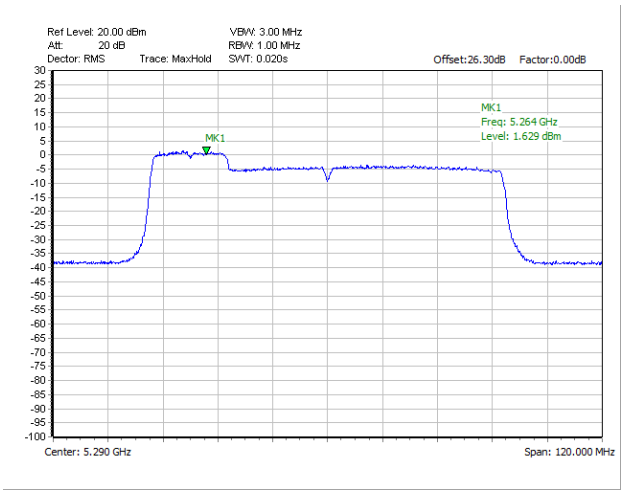


Remark: The test plot is showing a bin by bin combined result mathematically adds four traces.

Worst Case Power Density Trace 1 (Ant 1)	Worst Case Power Density Trace 2 (Ant 2)
	
Worst Case Power Density Trace 1 (Ant 3)	**Worst Case Power Density Trace 2 (Ant 4)**
	

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 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

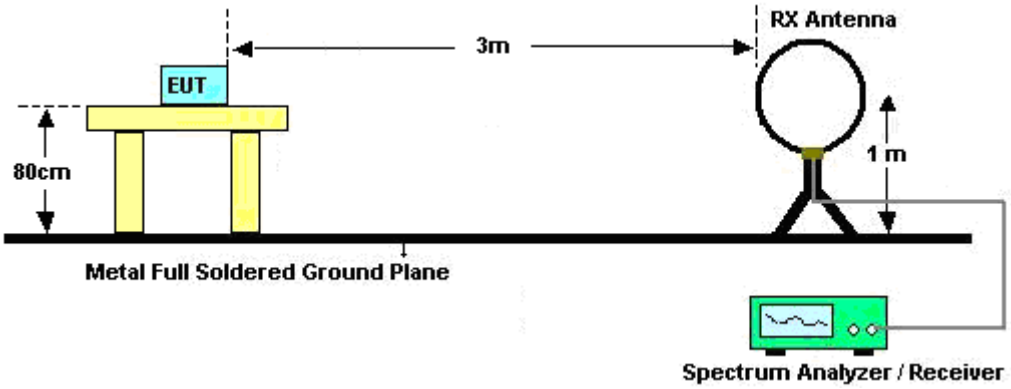
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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 "-".

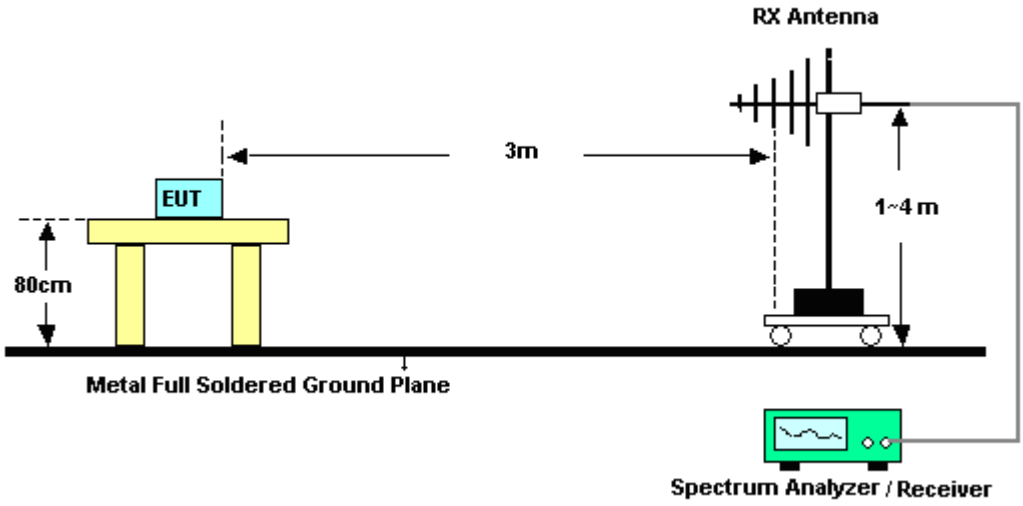
3.4.4 Test Setup

For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz

<CDD Mode>



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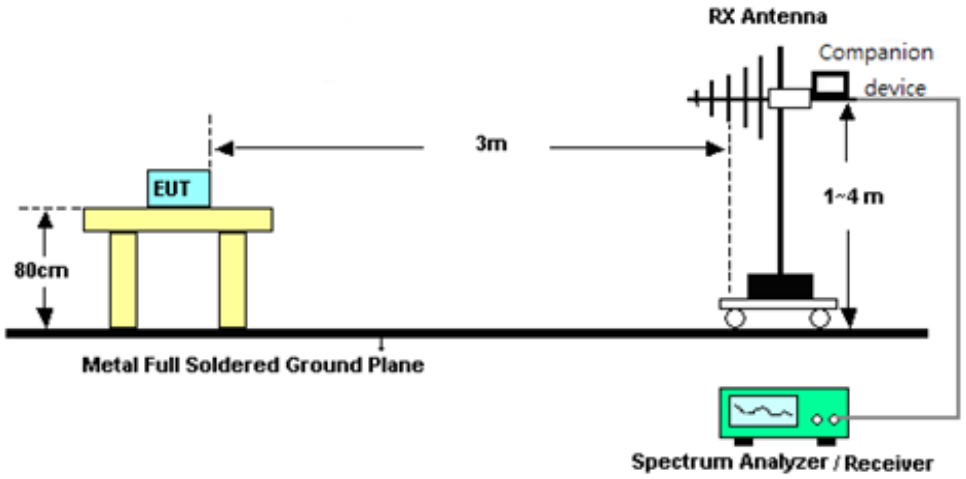
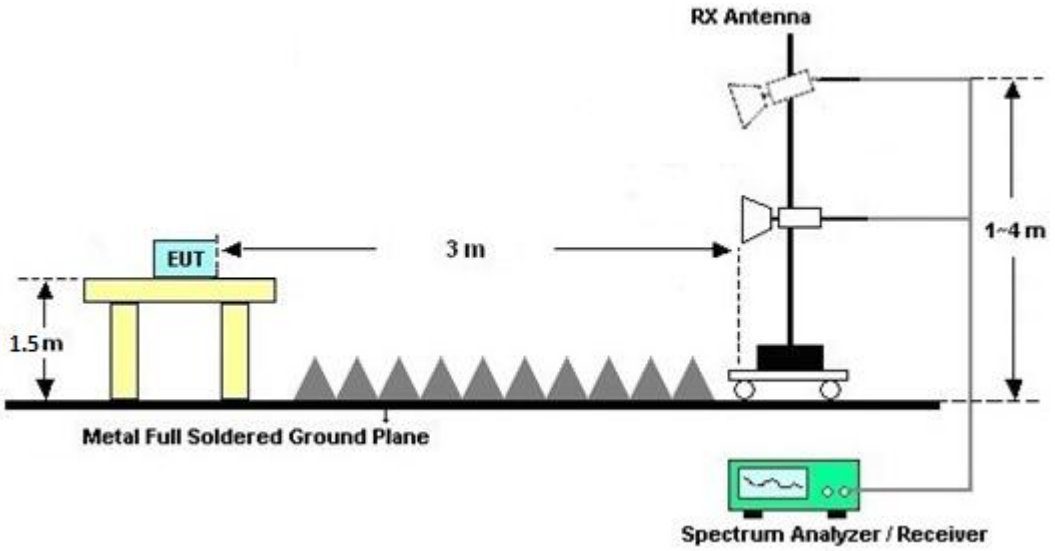


For radiated test from 1GHz to 18GHz

<CDD Mode>



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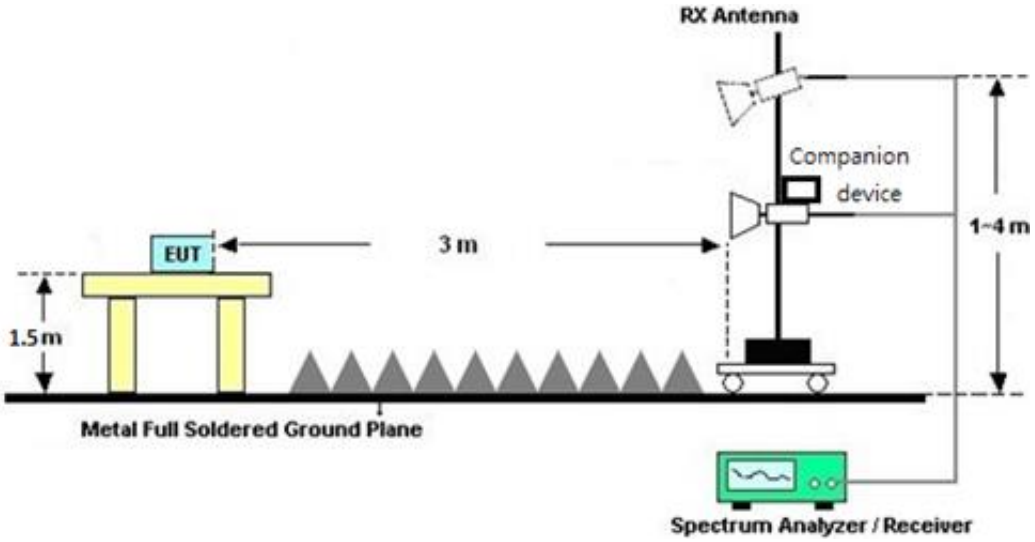
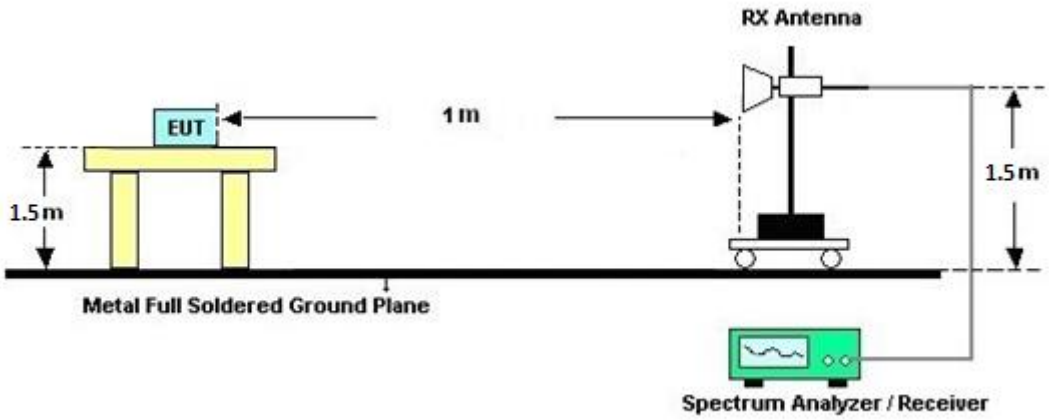


For radiated test above 18GHz

<CDD Mode>



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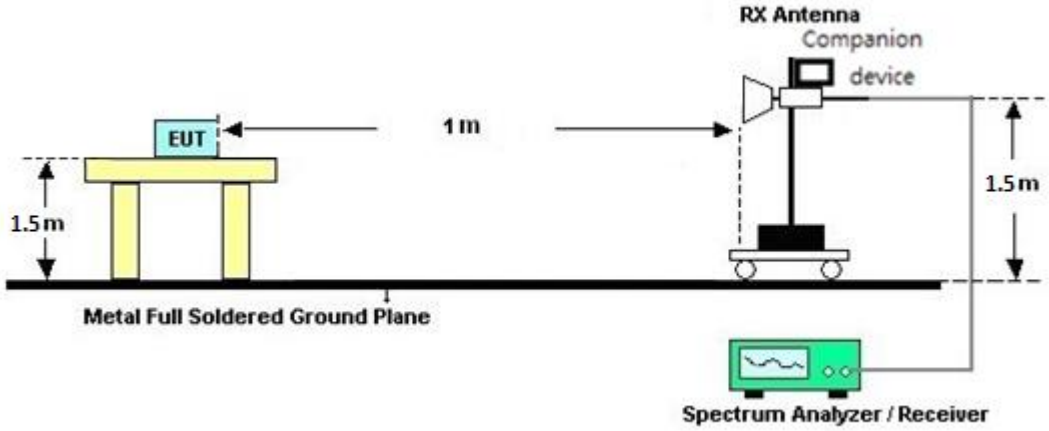


3.4.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

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.

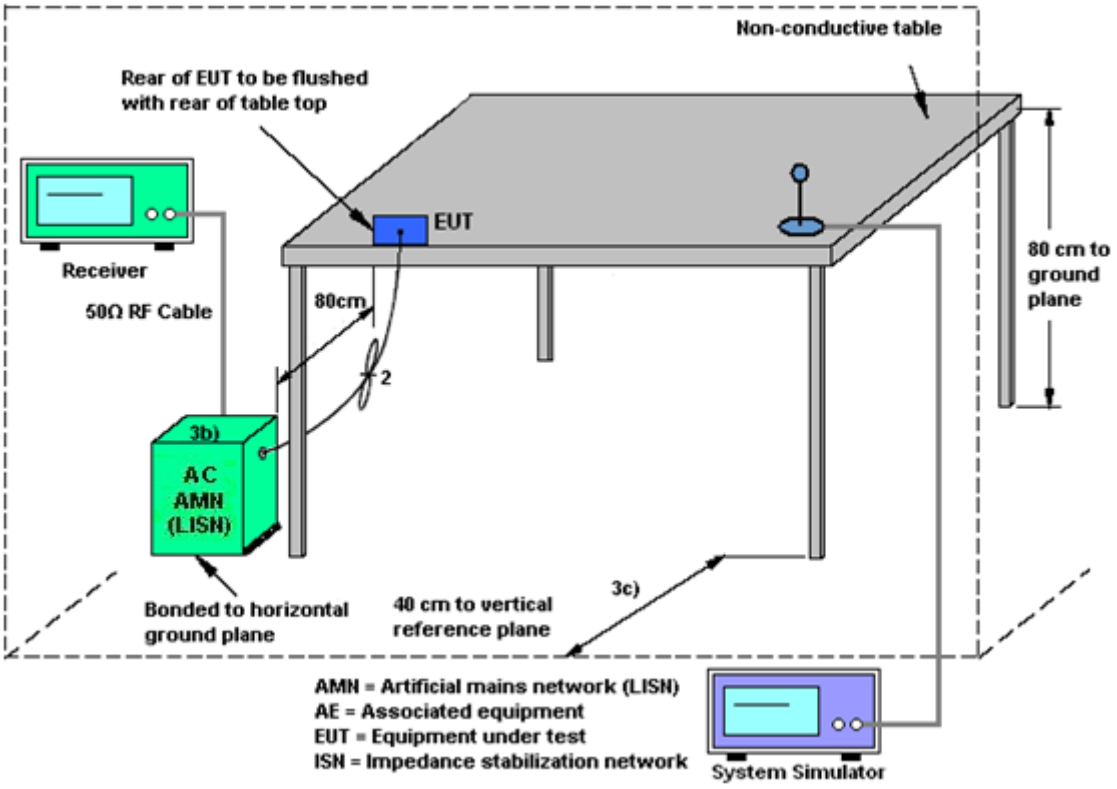
3.5.2 Measuring Instruments

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. 1 (dBi)	Ant. 2 (dBi)	Ant. 3 (dBi)	Ant. 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band II	4.10	3.80	2.40	2.60	4.10	9.28	0.00	3.28
Band III	4.60	4.80	2.70	2.60	4.80	9.76	0.00	3.76

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 1 (dBi)	Ant 2 (dBi)	Ant 3 (dBi)	Ant 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band II	4.10	3.80	2.40	2.60	9.28	9.28	3.28	3.28
Band III	4.60	4.80	2.70	2.60	9.76	9.76	3.76	3.76

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	Nov. 23, 2021~ Jan. 02, 2022	Jan. 03, 2022	Radiation (03CH11-HY)
Loop Antenna	TESEQ	HLA6120	31244	9 kHz~30 MHz	Mar. 16, 2021	Jan. 03, 2022~ Jan. 07, 2022	Mar. 15, 2022	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Nov. 23, 2021~ Jan. 07, 2022	Oct. 08, 2022	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Oct. 25, 2021	Nov. 23, 2021~ Jan. 07, 2022	Oct. 24, 2022	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	May 12, 2021	Nov. 23, 2021~ Jan. 07, 2022	May 11, 2022	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2020	Nov. 23, 2021~ Dec. 26, 2021	Dec. 27, 2021	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 15, 2021	Dec. 27, 2021~ Jan. 07, 2022	Dec. 14, 2022	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055007	1GHz~18GHz	Jun. 16, 2021	Nov. 23, 2021~ Jan. 07, 2022	Jun. 15, 2022	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 10, 2021	Nov. 23, 2021~ Jan. 07, 2022	Nov. 09, 2022	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Nov. 23, 2021~ Jan. 07, 2022	Jun. 21, 2022	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 15, 2021	Nov. 23, 2021~ Jan. 07, 2022	Oct. 14, 2022	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Nov. 23, 2021~ Jan. 07, 2022	Jul. 14, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 13, 2021	Nov. 23, 2021~ Jan. 07, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 13, 2021	Nov. 23, 2021~ Jan. 07, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 13, 2021	Nov. 23, 2021~ Jan. 07, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 11, 2021	Nov. 23, 2021~ Jan. 07, 2022	Mar. 10, 2022	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 11, 2021	Nov. 23, 2021~ Jan. 07, 2022	Mar. 10, 2022	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30M-18G	Mar. 11, 2021	Nov. 23, 2021~ Jan. 07, 2022	Mar. 10, 2022	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11681/4PE	30MHz-18GHz	Mar. 11, 2021	Nov. 23, 2021~ Jan. 07, 2022	Mar. 10, 2022	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 23, 2021~ Jan. 07, 2022	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 23, 2021~ Jan. 07, 2022	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 23, 2021~ Jan. 05, 2022	N/A	Radiation (03CH11-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	Dec. 14, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Dec. 14, 2021	Nov. 30, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Dec. 14, 2021	Dec. 02, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Dec. 14, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Dec. 14, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Dec. 14, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Power Meter	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Dec. 23, 2021~ Jan. 05, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Power Meter	DARE	RPR3006W #010	RPR6W-2101 002(NO:123)	10MHz~8GHz	Feb. 03, 2021	Dec. 01, 2021~ Jan. 04, 2022	Feb. 02, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Dec. 01, 2021~ Jan. 05, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Jan. 07, 2021	Dec. 01, 2021~ Jan. 05, 2022	Jan. 06, 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))	**5.4 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.9 dB**

Appendix A. Test Result of Conducted Test Items

<CDD Mode>

Test Engineer	Eason Huang	Temperature	21~24	°C
Test Date	2021/12/23~2022/1/5	Relative Humidity	52~56	%

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	52	5260	19.68	19.53	19.80	19.63	23.91	23.97
11a	6Mbps	4	60	5300	19.68	19.48	19.70	19.48	23.89	
11a	6Mbps	4	64	5320	19.60	19.63	19.70	19.55	23.91	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	52	5260	16.48	16.43	16.43	16.43	23.16	29.16			
11a	6Mbps	4	60	5300	16.43	16.43	16.43	16.38	23.14	29.14			
11a	6Mbps	4	64	5320	16.48	16.43	16.43	16.43	23.16	29.16			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
11a	6Mbps	4	52	5260	12.30	12.90	12.20	12.60	18.53	23.91	4.10	22.63	30.00	Pass
11a	6Mbps	4	60	5300	12.10	12.70	12.40	12.30	18.40	23.89	4.10	22.50	30.00	Pass
11a	6Mbps	4	64	5320	11.70	12.50	12.00	12.40	18.18	23.91	4.10	22.28	30.00	Pass
HT20	MCS0	4	52	5260	12.20	12.90	12.10	12.40	18.43	23.98	4.10	22.53	30.00	Pass
HT20	MCS0	4	60	5300	11.90	12.70	12.20	12.30	18.31	23.98	4.10	22.41	30.00	Pass
HT20	MCS0	4	64	5320	11.60	12.80	12.30	12.90	18.45	23.98	4.10	22.55	30.00	Pass
HT40	MCS0	4	54	5270	15.10	15.90	15.00	15.40	21.38	23.98	4.10	25.48	30.00	Pass
HT40	MCS0	4	62	5310	14.40	15.30	15.00	15.40	21.06	23.98	4.10	25.16	30.00	Pass
VHT20	MCS0	4	52	5260	12.20	12.90	12.10	12.40	18.43	23.98	4.10	22.53	30.00	Pass
VHT20	MCS0	4	60	5300	11.90	12.70	12.20	12.30	18.31	23.98	4.10	22.41	30.00	Pass
VHT20	MCS0	4	64	5320	11.60	12.80	12.30	12.90	18.45	23.98	4.10	22.55	30.00	Pass
VHT40	MCS0	4	54	5270	15.10	15.90	15.00	15.40	21.38	23.98	4.10	25.48	30.00	Pass
VHT40	MCS0	4	62	5310	14.40	15.30	15.00	15.40	21.06	23.98	4.10	25.16	30.00	Pass
VHT80	MCS0	4	58	5290	13.70	14.80	14.10	14.50	20.32	23.98	4.10	24.42	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	52	5260	7.44	7.72	9.28	Pass
11a	6Mbps	4	60	5300	7.66	7.72	9.28	Pass
11a	6Mbps	4	64	5320	7.32	7.72	9.28	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	100	5500	19.68	19.48	19.73	19.53	23.89	----	----	----	----
11a	6Mbps	4	116	5580	19.65	19.43	19.60	19.60	23.88	----	----	----	----
11a	6Mbps	4	140	5700	19.55	19.68	19.53	19.83	23.91	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	144	5720	15.05	14.95	14.90	14.98	22.73	3.20	3.20	3.20	3.20

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
11a	6Mbps	4	100	5500	16.48	16.43	16.43	16.43	23.16	29.16
11a	6Mbps	4	116	5580	16.48	16.38	16.43	16.43	23.14	29.14
11a	6Mbps	4	140	5700	16.48	16.43	16.43	16.48	23.16	29.16

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
11a	6Mbps	4	144	5720	13.29	13.29	13.24	13.24	22.22	28.22

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
11a	6Mbps	4	100	5500	11.40	12.00	11.40	12.00	17.73	23.89	4.80	22.53	30.00	Pass
11a	6Mbps	4	116	5580	11.80	12.00	11.50	12.00	17.85	23.88	4.80	22.65	30.00	Pass
11a	6Mbps	4	140	5700	12.20	11.80	12.00	11.80	17.97	23.91	4.80	22.77	30.00	Pass
HT20	MCS0	4	100	5500	11.90	12.30	11.70	12.20	18.05	23.98	4.80	22.85	30.00	Pass
HT20	MCS0	4	116	5580	12.30	12.30	11.70	12.50	18.23	23.98	4.80	23.03	30.00	Pass
HT20	MCS0	4	140	5700	12.70	12.20	12.10	12.40	18.38	23.98	4.80	23.18	30.00	Pass
HT40	MCS0	4	102	5510	14.50	14.70	14.30	14.70	20.57	23.98	4.80	25.37	30.00	Pass
HT40	MCS0	4	110	5550	14.90	14.80	14.70	14.80	20.82	23.98	4.80	25.62	30.00	Pass
HT40	MCS0	4	134	5670	14.80	15.00	14.90	14.70	20.87	23.98	4.80	25.67	30.00	Pass
VHT20	MCS0	4	100	5500	11.90	12.30	11.70	12.20	18.05	23.98	4.80	22.85	30.00	Pass
VHT20	MCS0	4	116	5580	12.30	12.30	11.70	12.50	18.23	23.98	4.80	23.03	30.00	Pass
VHT20	MCS0	4	140	5700	12.70	12.20	12.10	12.40	18.38	23.98	4.80	23.18	30.00	Pass
VHT40	MCS0	4	102	5510	14.50	14.70	14.30	14.70	20.57	23.98	4.80	25.37	30.00	Pass
VHT40	MCS0	4	110	5550	14.90	14.80	14.70	14.80	20.82	23.98	4.80	25.62	30.00	Pass
VHT40	MCS0	4	134	5670	14.80	15.00	14.90	14.70	20.87	23.98	4.80	25.67	30.00	Pass
VHT80	MCS0	4	106	5530	16.30	16.60	16.10	16.30	22.35	23.98	4.80	27.15	30.00	Pass
VHT80	MCS0	4	122	5610	17.30	17.90	17.20	17.40	23.48	23.98	4.80	28.28	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
11a	6Mbps	4	144	5720	11.90	11.80	11.90	12.00	17.92	22.73	4.80	22.72	30.00	Pass
HT20	MCS0	4	144	5720	11.70	11.90	11.80	11.90	17.85	22.94	4.80	22.65	30.00	Pass
HT40	MCS0	4	142	5710	14.80	15.00	15.10	15.00	21.00	23.98	4.80	25.80	30.00	Pass
VHT20	MCS0	4	144	5720	11.70	11.90	11.80	11.90	17.85	22.94	4.80	22.65	30.00	Pass
VHT40	MCS0	4	142	5710	14.80	15.00	15.10	15.00	21.00	23.98	4.80	25.80	30.00	Pass
VHT80	MCS0	4	138	5690	17.60	18.00	17.90	17.70	23.82	23.98	4.80	28.62	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	100	5500	7.19	7.24	9.76	Pass
11a	6Mbps	4	116	5580	7.08	7.24	9.76	Pass
11a	6Mbps	4	140	5700	7.11	7.24	9.76	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
					Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
11a	6Mbps	4	144	5720	7.10	7.24	9.76	Pass

Report Number : FR1O0638D

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	52	5260	Full	21.35	21.50	21.40	21.10	23.98	
HE20	MCS0	4	52	5260	M	23.43	23.00	22.18	23.13	23.98	
HE20	MCS0	4	52	5260	BE	20.30	20.53	20.18	20.18	23.98	
HE20	MCS0	4	60	5300	Full	21.70	21.20	21.75	21.18	23.98	
HE20	MCS0	4	60	5300	M	23.30	22.73	23.45	23.13	23.98	
HE20	MCS0	4	60	5300	BE	19.80	19.55	19.95	19.85	23.91	
HE20	MCS0	4	64	5320	Full	21.30	21.03	21.65	21.03	23.98	
HE20	MCS0	4	64	5320	M	23.20	23.35	22.70	22.90	23.98	
HE20	MCS0	4	64	5320	BE	20.28	20.40	19.83	20.35	23.97	
HE40	MCS0	4	54	5270	Full	40.41	40.14	40.64	40.32	23.98	
HE40	MCS0	4	54	5270	M	45.14	43.47	43.43	43.70	23.98	
HE40	MCS0	4	54	5270	BE	40.28	39.96	40.73	40.10	23.98	
HE40	MCS0	4	62	5310	Full	40.68	40.55	40.82	40.64	23.98	
HE40	MCS0	4	62	5310	M	44.06	42.71	43.29	42.93	23.98	
HE40	MCS0	4	62	5310	BE	40.95	40.50	40.23	38.79	23.98	
HE80	MCS0	4	58	5290	Full	82.56	82.32	83.28	82.56	23.98	
HE80	MCS0	4	58	5290	M	88.24	87.68	88.24	88.40	23.98	
HE80	MCS0	4	58	5290	BE	87.44	89.28	84.96	84.08	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	52	5260	Full	18.93	18.93	18.93	18.93	23.77	29.77			
HE20	MCS0	4	52	5260	M	19.13	19.08	19.13	19.13	23.81	29.81			
HE20	MCS0	4	52	5260	BE	17.38	17.33	17.33	18.08	23.39	29.39			
HE20	MCS0	4	60	5300	Full	18.93	18.88	18.93	18.88	23.76	29.76			
HE20	MCS0	4	60	5300	M	19.13	19.08	19.13	19.08	23.81	29.81			
HE20	MCS0	4	60	5300	BE	17.38	17.28	17.33	17.38	23.38	29.38			
HE20	MCS0	4	64	5320	Full	18.93	18.93	18.93	18.93	23.77	29.77			
HE20	MCS0	4	64	5320	M	19.13	19.08	19.13	19.18	23.81	29.81			
HE20	MCS0	4	64	5320	BE	17.43	17.33	17.33	17.38	23.39	29.39			
HE40	MCS0	4	54	5270	Full	38.06	37.96	38.06	38.06	23.98	30.00			
HE40	MCS0	4	54	5270	M	39.06	38.76	39.06	38.76	23.98	30.00			
HE40	MCS0	4	54	5270	BE	37.36	37.26	37.16	37.16	23.98	30.00			
HE40	MCS0	4	62	5310	Full	37.96	37.96	37.96	37.96	23.98	30.00			
HE40	MCS0	4	62	5310	M	38.86	38.76	38.86	38.66	23.98	30.00			
HE40	MCS0	4	62	5310	BE	37.16	37.26	37.06	36.86	23.98	30.00			
HE80	MCS0	4	58	5290	Full	77.20	77.08	77.20	77.20	23.98	30.00			
HE80	MCS0	4	58	5290	M	78.16	78.28	78.16	78.28	23.98	30.00			
HE80	MCS0	4	58	5290	BE	76.36	76.36	76.12	76.36	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	52	5260	Full	12.30	13.00	12.20	12.50	18.53	23.98	4.10	22.63	30.00	Pass
HE20	MCS0	4	52	5260	M	10.70	10.90	10.20	10.80	16.68	23.98	4.10	20.78	30.00	Pass
HE20	MCS0	4	52	5260	BE	9.90	10.40	9.60	10.20	16.06	23.98	4.10	20.16	30.00	Pass
HE20	MCS0	4	60	5300	Full	12.00	12.80	12.30	12.40	18.41	23.98	4.10	22.51	30.00	Pass
HE20	MCS0	4	60	5300	M	10.30	10.70	10.20	10.30	16.40	23.98	4.10	20.50	30.00	Pass
HE20	MCS0	4	60	5300	BE	9.50	10.30	9.70	9.60	15.81	23.91	4.10	19.91	30.00	Pass
HE20	MCS0	4	64	5320	Full	11.70	12.90	12.40	13.00	18.55	23.98	4.10	22.65	30.00	Pass
HE20	MCS0	4	64	5320	M	10.60	11.50	11.10	11.40	17.18	23.98	4.10	21.28	30.00	Pass
HE20	MCS0	4	64	5320	BE	9.40	10.30	10.00	10.20	16.01	23.97	4.10	20.11	30.00	Pass
HE40	MCS0	4	54	5270	Full	15.20	16.00	15.10	15.50	21.48	23.98	4.10	25.58	30.00	Pass
HE40	MCS0	4	54	5270	M	12.70	13.60	12.70	13.00	19.04	23.98	4.10	23.14	30.00	Pass
HE40	MCS0	4	54	5270	BE	12.60	13.80	12.60	13.20	19.10	23.98	4.10	23.20	30.00	Pass
HE40	MCS0	4	62	5310	Full	14.50	15.40	15.10	15.50	21.16	23.98	4.10	25.26	30.00	Pass
HE40	MCS0	4	62	5310	M	12.50	13.40	13.30	13.30	19.16	23.98	4.10	23.26	30.00	Pass
HE40	MCS0	4	62	5310	BE	12.30	13.20	12.80	13.30	18.94	23.98	4.10	23.04	30.00	Pass
HE80	MCS0	4	58	5290	Full	13.80	14.90	14.20	14.60	20.42	23.98	4.10	24.52	30.00	Pass
HE80	MCS0	4	58	5290	M	11.00	12.00	11.10	11.70	17.49	23.98	4.10	21.59	30.00	Pass
HE80	MCS0	4	58	5290	BE	13.40	14.30	13.70	14.00	19.88	23.98	4.10	23.98	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	52	5260	Full	7.55	7.72	9.28	Pass
HE20	MCS0	4	52	5260	M	7.42	7.72	9.28	Pass
HE20	MCS0	4	52	5260	BE	7.43	7.72	9.28	Pass
HE20	MCS0	4	60	5300	Full	7.35	7.72	9.28	Pass
HE20	MCS0	4	60	5300	M	7.31	7.72	9.28	Pass
HE20	MCS0	4	60	5300	BE	7.34	7.72	9.28	Pass
HE20	MCS0	4	64	5320	Full	7.56	7.72	9.28	Pass
HE20	MCS0	4	64	5320	M	7.70	7.72	9.28	Pass
HE20	MCS0	4	64	5320	BE	7.51	7.72	9.28	Pass
HE40	MCS0	4	54	5270	Full	7.55	7.72	9.28	Pass
HE40	MCS0	4	54	5270	M	7.65	7.72	9.28	Pass
HE40	MCS0	4	54	5270	BE	7.65	7.72	9.28	Pass
HE40	MCS0	4	62	5310	Full	7.51	7.72	9.28	Pass
HE40	MCS0	4	62	5310	M	7.69	7.72	9.28	Pass
HE40	MCS0	4	62	5310	BE	7.67	7.72	9.28	Pass
HE80	MCS0	4	58	5290	Full	3.80	7.72	9.28	Pass
HE80	MCS0	4	58	5290	M	3.64	7.72	9.28	Pass
HE80	MCS0	4	58	5290	BE	5.37	7.72	9.28	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	100	5500	Full	21.48	21.20	21.35	20.90	23.98	----	----	----	----
HE20	MCS0	4	100	5500	M	22.95	22.63	22.85	22.60	23.98	----	----	----	----
HE20	MCS0	4	100	5500	BE	20.35	20.65	20.18	20.30	23.98	----	----	----	----
HE20	MCS0	4	116	5580	Full	21.40	21.45	21.40	21.05	23.98	----	----	----	----
HE20	MCS0	4	116	5580	M	23.45	23.13	23.05	23.43	23.98	----	----	----	----
HE20	MCS0	4	116	5580	BE	20.15	19.83	20.00	20.45	23.97	----	----	----	----
HE20	MCS0	4	140	5700	Full	21.45	21.18	21.38	21.18	23.98	----	----	----	----
HE20	MCS0	4	140	5700	M	22.98	23.15	23.13	22.70	23.98	----	----	----	----
HE20	MCS0	4	140	5700	BE	19.80	20.30	20.40	20.25	23.97	----	----	----	----
HE40	MCS0	4	102	5510	Full	40.82	40.68	40.82	40.86	23.98	----	----	----	----
HE40	MCS0	4	102	5510	M	44.37	43.70	43.88	42.57	23.98	----	----	----	----
HE40	MCS0	4	102	5510	BE	41.00	40.86	40.86	40.50	23.98	----	----	----	----
HE40	MCS0	4	110	5550	Full	40.59	40.19	40.64	40.28	23.98	----	----	----	----
HE40	MCS0	4	110	5550	M	43.38	42.89	42.89	42.48	23.98	----	----	----	----
HE40	MCS0	4	110	5550	BE	40.28	40.41	40.32	39.51	23.98	----	----	----	----
HE40	MCS0	4	134	5670	Full	40.82	40.28	40.73	40.50	23.98	----	----	----	----
HE40	MCS0	4	134	5670	M	43.34	43.25	43.38	43.29	23.98	----	----	----	----
HE40	MCS0	4	134	5670	BE	40.82	40.73	40.86	40.86	23.98	----	----	----	----
HE80	MCS0	4	106	5530	Full	83.12	83.04	82.80	82.72	23.98	----	----	----	----
HE80	MCS0	4	106	5530	M	88.16	89.12	88.72	89.36	23.98	----	----	----	----
HE80	MCS0	4	106	5530	BE	99.12	103.44	102.48	103.36	23.98	----	----	----	----
HE80	MCS0	4	122	5610	Full	82.88	82.64	83.04	82.72	23.98	----	----	----	----
HE80	MCS0	4	122	5610	M	88.08	88.72	94.80	89.20	23.98	----	----	----	----
HE80	MCS0	4	122	5610	BE	85.84	100.64	100.08	102.16	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	144	5720	Full	15.65	15.75	15.73	15.63	22.94	4.30	4.40	4.50	4.40
HE20	MCS0	4	144	5720	M	17.00	16.60	16.40	16.65	23.15	4.55	4.55	4.55	4.50
HE20	MCS0	4	144	5720	BE	15.25	15.15	14.85	14.90	22.72	3.80	3.20	3.19	3.15
HE40	MCS0	4	142	5710	Full	35.34	35.39	35.20	35.56	23.98	4.08	3.99	4.08	3.90
HE40	MCS0	4	142	5710	M	36.96	37.01	36.78	36.38	23.98	4.17	4.08	4.08	4.08
HE40	MCS0	4	142	5710	BE	35.56	35.25	35.74	35.30	23.98	2.64	3.63	3.63	3.61
HE80	MCS0	4	138	5690	Full	76.20	76.20	76.52	76.04	23.98	3.72	3.08	4.20	3.88
HE80	MCS0	4	138	5690	M	80.12	78.20	79.24	80.44	23.98	4.36	4.20	4.36	4.20
HE80	MCS0	4	138	5690	BE	93.56	93.64	93.40	93.32	23.98	3.24	2.76	3.72	2.76

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
HE20	MCS0	4	100	5500	Full	18.93	18.93	18.98	18.88	23.76	29.76
HE20	MCS0	4	100	5500	M	19.13	19.08	19.13	19.13	23.81	29.81
HE20	MCS0	4	100	5500	BE	18.23	18.48	17.93	18.33	23.54	29.54
HE20	MCS0	4	116	5580	Full	18.93	18.93	18.93	18.93	23.77	29.77
HE20	MCS0	4	116	5580	M	19.18	19.03	19.13	19.13	23.79	29.79
HE20	MCS0	4	116	5580	BE	17.38	17.28	17.33	17.33	23.38	29.38
HE20	MCS0	4	140	5700	Full	18.93	18.93	18.93	18.93	23.77	29.77
HE20	MCS0	4	140	5700	M	19.13	19.03	19.08	19.13	23.79	29.79
HE20	MCS0	4	140	5700	BE	17.38	17.33	17.33	17.33	23.39	29.39
HE40	MCS0	4	102	5510	Full	37.96	38.06	37.96	37.96	23.98	30.00
HE40	MCS0	4	102	5510	M	39.06	38.96	38.76	38.66	23.98	30.00
HE40	MCS0	4	102	5510	BE	37.16	37.26	37.06	37.06	23.98	30.00
HE40	MCS0	4	110	5550	Full	37.96	37.76	38.06	37.96	23.98	30.00
HE40	MCS0	4	110	5550	M	38.76	38.76	38.86	38.56	23.98	30.00
HE40	MCS0	4	110	5550	BE	37.06	37.26	37.06	36.96	23.98	30.00
HE40	MCS0	4	134	5670	Full	37.96	37.86	37.96	38.06	23.98	30.00
HE40	MCS0	4	134	5670	M	38.96	38.76	38.86	38.66	23.98	30.00
HE40	MCS0	4	134	5670	BE	37.06	37.16	37.16	36.96	23.98	30.00
HE80	MCS0	4	106	5530	Full	77.20	77.32	77.08	77.20	23.98	30.00
HE80	MCS0	4	106	5530	M	78.16	78.16	78.16	78.16	23.98	30.00
HE80	MCS0	4	106	5530	BE	76.00	76.24	75.64	76.24	23.98	30.00
HE80	MCS0	4	122	5610	Full	77.08	77.20	77.32	77.20	23.98	30.00
HE80	MCS0	4	122	5610	M	78.28	78.16	78.28	78.16	23.98	30.00
HE80	MCS0	4	122	5610	BE	76.00	76.36	76.48	76.12	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
HE20	MCS0	4	144	5720	Full	14.49	14.49	14.49	14.49	22.61	28.61
HE20	MCS0	4	144	5720	M	14.59	14.59	14.54	14.59	22.63	28.63
HE20	MCS0	4	144	5720	BE	13.74	13.69	13.69	13.69	22.36	28.36
HE40	MCS0	4	142	5710	Full	34.08	34.08	33.98	33.98	23.98	30.00
HE40	MCS0	4	142	5710	M	34.48	34.48	34.38	34.38	23.98	30.00
HE40	MCS0	4	142	5710	BE	33.58	33.48	33.48	33.48	23.98	30.00
HE80	MCS0	4	138	5690	Full	73.60	73.60	73.72	73.60	23.98	30.00
HE80	MCS0	4	138	5690	M	74.08	74.20	74.20	74.20	23.98	30.00
HE80	MCS0	4	138	5690	BE	73.12	73.36	73.24	73.24	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	100	5500	Full	12.00	12.40	11.80	12.30	18.15	23.98	4.80	22.95	30.00	Pass
HE20	MCS0	4	100	5500	M	10.00	10.90	9.80	10.10	16.24	23.98	4.80	21.04	30.00	Pass
HE20	MCS0	4	100	5500	BE	9.90	10.40	9.00	9.90	15.85	23.98	4.80	20.65	30.00	Pass
HE20	MCS0	4	116	5580	Full	12.40	12.40	11.80	12.60	18.33	23.98	4.80	23.13	30.00	Pass
HE20	MCS0	4	116	5580	M	10.40	10.50	10.00	10.50	16.38	23.98	4.80	21.18	30.00	Pass
HE20	MCS0	4	116	5580	BE	9.70	10.20	9.30	9.60	15.73	23.97	4.80	20.53	30.00	Pass
HE20	MCS0	4	140	5700	Full	12.80	12.30	12.20	12.50	18.48	23.98	4.80	23.28	30.00	Pass
HE20	MCS0	4	140	5700	M	10.90	10.50	10.90	10.70	16.77	23.98	4.80	21.57	30.00	Pass
HE20	MCS0	4	140	5700	BE	10.00	9.40	9.90	9.50	15.73	23.97	4.80	20.53	30.00	Pass
HE40	MCS0	4	102	5510	Full	14.60	14.80	14.40	14.80	20.67	23.98	4.80	25.47	30.00	Pass
HE40	MCS0	4	102	5510	M	12.20	12.20	11.80	12.40	18.18	23.98	4.80	22.98	30.00	Pass
HE40	MCS0	4	102	5510	BE	12.50	12.50	12.00	12.60	18.43	23.98	4.80	23.23	30.00	Pass
HE40	MCS0	4	110	5550	Full	15.00	14.90	14.80	14.90	20.92	23.98	4.80	25.72	30.00	Pass
HE40	MCS0	4	110	5550	M	12.00	12.00	11.80	11.70	17.90	23.98	4.80	22.70	30.00	Pass
HE40	MCS0	4	110	5550	BE	12.30	12.20	11.90	12.10	18.15	23.98	4.80	22.95	30.00	Pass
HE40	MCS0	4	134	5670	Full	14.90	15.10	15.00	14.80	20.97	23.98	4.80	25.77	30.00	Pass
HE40	MCS0	4	134	5670	M	12.00	12.40	12.10	12.00	18.15	23.98	4.80	22.95	30.00	Pass
HE40	MCS0	4	134	5670	BE	12.00	12.50	12.20	12.20	18.25	23.98	4.80	23.05	30.00	Pass
HE80	MCS0	4	106	5530	Full	16.40	16.70	16.20	16.40	22.45	23.98	4.80	27.25	30.00	Pass
HE80	MCS0	4	106	5530	M	12.70	12.70	12.20	12.60	18.58	23.98	4.80	23.38	30.00	Pass
HE80	MCS0	4	106	5530	BE	16.40	16.40	16.10	16.20	22.30	23.98	4.80	27.10	30.00	Pass
HE80	MCS0	4	122	5610	Full	17.40	18.00	17.30	17.50	23.58	23.98	4.80	28.38	30.00	Pass
HE80	MCS0	4	122	5610	M	15.10	15.60	15.20	15.40	21.35	23.98	4.80	26.15	30.00	Pass
HE80	MCS0	4	122	5610	BE	15.60	16.10	15.50	15.60	21.73	23.98	4.80	26.53	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	144	5720	Full	11.80	12.00	11.90	12.00	17.95	22.94	4.80	22.75	30.00	Pass
HE20	MCS0	4	144	5720	M	10.00	10.40	10.20	10.50	16.30	23.15	4.80	21.10	30.00	Pass
HE20	MCS0	4	144	5720	BE	9.70	10.00	9.80	10.00	15.90	22.72	4.80	20.70	30.00	Pass
HE40	MCS0	4	142	5710	Full	14.90	15.10	15.20	15.10	21.10	23.98	4.80	25.90	30.00	Pass
HE40	MCS0	4	142	5710	M	12.20	12.20	12.50	12.30	18.32	23.98	4.80	23.12	30.00	Pass
HE40	MCS0	4	142	5710	BE	12.20	12.10	12.50	12.20	18.27	23.98	4.80	23.07	30.00	Pass
HE80	MCS0	4	138	5690	Full	17.70	18.10	18.00	17.80	23.92	23.98	4.80	28.72	30.00	Pass
HE80	MCS0	4	138	5690	M	14.80	15.40	15.40	15.00	21.18	23.98	4.80	25.98	30.00	Pass
HE80	MCS0	4	138	5690	BE	15.80	16.40	16.30	16.10	22.18	23.98	4.80	26.98	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	100	5500	Full	6.95	7.24	9.76	Pass
HE20	MCS0	4	100	5500	M	7.20	7.24	9.76	Pass
HE20	MCS0	4	100	5500	BE	7.10	7.24	9.76	Pass
HE20	MCS0	4	116	5580	Full	7.18	7.24	9.76	Pass
HE20	MCS0	4	116	5580	M	7.09	7.24	9.76	Pass
HE20	MCS0	4	116	5580	BE	7.15	7.24	9.76	Pass
HE20	MCS0	4	140	5700	Full	7.17	7.24	9.76	Pass
HE20	MCS0	4	140	5700	M	7.19	7.24	9.76	Pass
HE20	MCS0	4	140	5700	BE	7.09	7.24	9.76	Pass
HE40	MCS0	4	102	5510	Full	7.00	7.24	9.76	Pass
HE40	MCS0	4	102	5510	M	7.20	7.24	9.76	Pass
HE40	MCS0	4	102	5510	BE	7.12	7.24	9.76	Pass
HE40	MCS0	4	110	5550	Full	7.10	7.24	9.76	Pass
HE40	MCS0	4	110	5550	M	6.99	7.24	9.76	Pass
HE40	MCS0	4	110	5550	BE	6.96	7.24	9.76	Pass
HE40	MCS0	4	134	5670	Full	7.02	7.24	9.76	Pass
HE40	MCS0	4	134	5670	M	7.19	7.24	9.76	Pass
HE40	MCS0	4	134	5670	BE	6.90	7.24	9.76	Pass
HE80	MCS0	4	106	5530	Full	5.66	7.24	9.76	Pass
HE80	MCS0	4	106	5530	M	4.48	7.24	9.76	Pass
HE80	MCS0	4	106	5530	BE	7.04	7.24	9.76	Pass
HE80	MCS0	4	122	5610	Full	6.81	7.24	9.76	Pass
HE80	MCS0	4	122	5610	M	7.08	7.24	9.76	Pass
HE80	MCS0	4	122	5610	BE	6.87	7.24	9.76	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	144	5720	Full	6.96	7.24	9.76	Pass
HE20	MCS0	4	144	5720	M	6.82	7.24	9.76	Pass
HE20	MCS0	4	144	5720	BE	7.23	7.24	9.76	Pass
HE40	MCS0	4	142	5710	Full	7.18	7.24	9.76	Pass
HE40	MCS0	4	142	5710	M	7.08	7.24	9.76	Pass
HE40	MCS0	4	142	5710	BE	7.01	7.24	9.76	Pass
HE80	MCS0	4	138	5690	Full	7.13	7.24	9.76	Pass
HE80	MCS0	4	138	5690	M	7.18	7.24	9.76	Pass
HE80	MCS0	4	138	5690	BE	7.23	7.24	9.76	Pass

Report Number : FR1O0638D

<TXBF>

Test Engineer	Hank Hsu	Temperature	21~24	°C
Test Date	2021/12/1~2022/1/4	Relative Humidity	52~56	%

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HT20	MCS0	4	52	5260	12.40	12.00	11.80	11.70	18.00	20.70	9.28	27.28	30.00	Pass
HT20	MCS0	4	60	5300	11.70	11.10	12.10	11.00	17.52	20.70	9.28	26.80	30.00	Pass
HT20	MCS0	4	64	5320	11.70	11.50	12.00	11.80	17.77	20.70	9.28	27.05	30.00	Pass
HT40	MCS0	4	54	5270	12.60	12.70	12.80	12.40	18.65	20.70	9.28	27.92	30.00	Pass
HT40	MCS0	4	62	5310	12.80	12.70	13.30	12.40	18.83	20.70	9.28	28.11	30.00	Pass
VHT20	MCS0	4	52	5260	12.40	12.00	11.80	11.70	18.00	20.70	9.28	27.28	30.00	Pass
VHT20	MCS0	4	60	5300	11.70	11.10	12.10	11.00	17.52	20.70	9.28	26.80	30.00	Pass
VHT20	MCS0	4	64	5320	11.70	11.50	12.00	11.80	17.77	20.70	9.28	27.05	30.00	Pass
VHT40	MCS0	4	54	5270	12.60	12.70	12.80	12.40	18.65	20.70	9.28	27.92	30.00	Pass
VHT40	MCS0	4	62	5310	12.80	12.70	13.30	12.40	18.83	20.70	9.28	28.11	30.00	Pass
VHT80	MCS0	4	58	5290	12.50	12.60	13.10	12.20	18.63	20.70	9.28	27.91	30.00	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HT20	MCS0	4	100	5500	11.00	11.50	11.30	11.60	17.38	20.22	9.76	27.13	30.00	Pass
HT20	MCS0	4	116	5580	11.80	11.30	11.50	11.60	17.57	20.22	9.76	27.33	30.00	Pass
HT20	MCS0	4	140	5700	11.40	11.20	11.40	11.50	17.40	20.22	9.76	27.15	30.00	Pass
HT40	MCS0	4	102	5510	11.60	11.80	11.20	11.70	17.60	20.22	9.76	27.36	30.00	Pass
HT40	MCS0	4	110	5550	12.60	11.80	12.30	12.30	18.28	20.22	9.76	28.04	30.00	Pass
HT40	MCS0	4	134	5670	12.50	12.40	12.40	12.60	18.50	20.22	9.76	28.25	30.00	Pass
VHT20	MCS0	4	100	5500	11.00	11.50	11.30	11.60	17.38	20.22	9.76	27.13	30.00	Pass
VHT20	MCS0	4	116	5580	11.80	11.30	11.50	11.60	17.57	20.22	9.76	27.33	30.00	Pass
VHT20	MCS0	4	140	5700	11.40	11.20	11.40	11.50	17.40	20.22	9.76	27.15	30.00	Pass
VHT40	MCS0	4	102	5510	11.60	11.80	11.20	11.70	17.60	20.22	9.76	27.36	30.00	Pass
VHT40	MCS0	4	110	5550	12.60	11.80	12.30	12.30	18.28	20.22	9.76	28.04	30.00	Pass
VHT40	MCS0	4	134	5670	12.50	12.40	12.40	12.60	18.50	20.22	9.76	28.25	30.00	Pass
VHT80	MCS0	4	106	5530	11.90	12.20	11.70	11.80	17.92	20.22	9.76	27.68	30.00	Pass
VHT80	MCS0	4	122	5610	12.60	11.60	12.30	11.80	18.11	20.22	9.76	27.87	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HT20	MCS0	4	144	5720	11.20	11.10	11.50	11.50	17.35	19.09	9.76	27.11	30.00	Pass
HT40	MCS0	4	142	5710	11.50	11.70	12.00	11.60	17.72	20.22	9.76	27.48	30.00	Pass
VHT20	MCS0	4	144	5720	11.20	11.10	11.50	11.50	17.35	19.09	9.76	27.11	30.00	Pass
VHT40	MCS0	4	142	5710	11.50	11.70	12.00	11.60	17.72	20.22	9.76	27.48	30.00	Pass
VHT80	MCS0	4	138	5690	12.00	12.30	12.20	12.40	18.25	20.22	9.76	28.00	30.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	Note
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	52	5260	Full	20.95	21.05	21.00	21.15	23.98	
HE20	MCS0	4	60	5300	Full	20.70	20.90	21.35	21.00	23.98	
HE20	MCS0	4	64	5320	Full	21.05	21.00	20.75	20.95	23.98	
HE40	MCS0	4	54	5270	Full	39.87	39.06	39.51	39.60	23.98	
HE40	MCS0	4	62	5310	Full	39.42	39.51	39.24	39.78	23.98	
HE80	MCS0	4	58	5290	Full	80.16	80.96	80.16	80.48	23.98	

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	52	5260	Full	17.63	17.63	17.63	17.63	23.46	29.46			
HE20	MCS0	4	60	5300	Full	17.58	17.63	17.63	17.63	23.45	29.45			
HE20	MCS0	4	64	5320	Full	17.58	17.63	17.63	17.63	23.45	29.45			
HE40	MCS0	4	54	5270	Full	36.46	36.36	36.36	36.26	23.98	30.00			
HE40	MCS0	4	62	5310	Full	36.36	36.36	36.26	36.26	23.98	30.00			
HE80	MCS0	4	58	5290	Full	75.76	75.76	75.52	75.76	23.98	30.00			

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	52	5260	Full	12.50	12.10	11.90	11.80	18.10	20.70	9.28	27.38	30.00	Pass
HE20	MCS0	4	60	5300	Full	11.80	11.20	12.20	11.10	17.62	20.70	9.28	26.90	30.00	Pass
HE20	MCS0	4	64	5320	Full	11.80	11.60	12.10	11.90	17.87	20.70	9.28	27.15	30.00	Pass
HE40	MCS0	4	54	5270	Full	12.70	12.80	12.90	12.50	18.75	20.70	9.28	28.02	30.00	Pass
HE40	MCS0	4	62	5310	Full	12.90	12.80	13.40	12.50	18.93	20.70	9.28	28.21	30.00	Pass
HE80	MCS0	4	58	5290	Full	12.60	12.70	13.20	12.30	18.73	20.70	9.28	28.01	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	52	5260	Full	7.15	7.72	9.28	Pass
HE20	MCS0	4	60	5300	Full	6.91	7.72	9.28	Pass
HE20	MCS0	4	64	5320	Full	7.11	7.72	9.28	Pass
HE40	MCS0	4	54	5270	Full	7.44	7.72	9.28	Pass
HE40	MCS0	4	62	5310	Full	7.41	7.72	9.28	Pass
HE80	MCS0	4	58	5290	Full	7.62	7.72	9.28	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	100	5500	Full	20.95	20.85	20.85	21.00	23.98	----	----	----	----
HE20	MCS0	4	116	5580	Full	20.85	21.05	20.95	21.15	23.98	----	----	----	----
HE20	MCS0	4	140	5700	Full	21.05	21.25	20.75	21.25	23.98	----	----	----	----
HE40	MCS0	4	102	5510	Full	39.24	39.42	39.33	39.33	23.98	----	----	----	----
HE40	MCS0	4	110	5550	Full	39.42	39.51	40.14	39.51	23.98	----	----	----	----
HE40	MCS0	4	134	5670	Full	38.97	39.33	38.97	39.51	23.98	----	----	----	----
HE80	MCS0	4	106	5530	Full	80.16	80.16	80.16	80.16	23.98	----	----	----	----
HE80	MCS0	4	122	5610	Full	80.16	80.80	80.32	80.64	23.98	----	----	----	----

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	4	144	5720	Full	15.50	15.45	15.30	15.50	22.85	3.60	3.85	3.70	3.85
HE40	MCS0	4	142	5710	Full	34.71	34.44	34.53	34.89	23.98	2.64	2.64	2.73	2.73
HE80	MCS0	4	138	5690	Full	75.16	75.32	75.32	75.32	23.98	2.76	2.76	1.48	0.20

Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
HE20	MCS0	4	100	5500	Full	17.63	17.58	17.63	17.63	23.45	29.45
HE20	MCS0	4	116	5580	Full	17.58	17.68	17.68	17.63	23.45	29.45
HE20	MCS0	4	140	5700	Full	17.58	17.68	17.58	17.63	23.45	29.45
HE40	MCS0	4	102	5510	Full	36.36	36.36	36.46	36.36	23.98	30.00
HE40	MCS0	4	110	5550	Full	36.36	36.26	36.36	36.26	23.98	30.00
HE40	MCS0	4	134	5670	Full	36.36	36.36	36.46	36.36	23.98	30.00
HE80	MCS0	4	106	5530	Full	75.41	75.64	75.52	75.64	23.98	30.00
HE80	MCS0	4	122	5610	Full	75.41	75.64	75.64	75.52	23.98	30.00

Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4
HE20	MCS0	4	144	5720	Full	13.84	13.79	13.79	13.84	22.40	28.40
HE40	MCS0	4	142	5710	Full	33.18	33.28	33.18	33.28	23.98	30.00
HE80	MCS0	4	138	5690	Full	73.00	73.24	73.12	73.12	23.98	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	100	5500	Full	11.10	11.60	11.40	11.70	17.48	20.22	9.76	27.23	30.00	Pass
HE20	MCS0	4	116	5580	Full	11.90	11.40	11.60	11.70	17.67	20.22	9.76	27.43	30.00	Pass
HE20	MCS0	4	140	5700	Full	11.50	11.30	11.50	11.60	17.50	20.22	9.76	27.25	30.00	Pass
HE40	MCS0	4	102	5510	Full	11.70	11.90	11.30	11.80	17.70	20.22	9.76	27.46	30.00	Pass
HE40	MCS0	4	110	5550	Full	12.70	11.90	12.40	12.40	18.38	20.22	9.76	28.14	30.00	Pass
HE40	MCS0	4	134	5670	Full	12.60	12.50	12.50	12.70	18.60	20.22	9.76	28.35	30.00	Pass
HE80	MCS0	4	106	5530	Full	12.00	12.30	11.80	11.90	18.02	20.22	9.76	27.78	30.00	Pass
HE80	MCS0	4	122	5610	Full	12.70	11.70	12.40	11.90	18.21	20.22	9.76	27.97	30.00	Pass

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	144	5720	Full	11.30	11.20	11.60	11.60	17.45	19.09	9.76	27.21	30.00	Pass
HE40	MCS0	4	142	5710	Full	11.60	11.80	12.10	11.70	17.82	20.22	9.76	27.58	30.00	Pass
HE80	MCS0	4	138	5690	Full	12.10	12.40	12.30	12.50	18.35	20.22	9.76	28.10	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band III MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	100	5500	Full	6.70	7.24	9.76	Pass
HE20	MCS0	4	116	5580	Full	6.82	7.24	9.76	Pass
HE20	MCS0	4	140	5700	Full	6.55	7.24	9.76	Pass
HE40	MCS0	4	102	5510	Full	6.40	7.24	9.76	Pass
HE40	MCS0	4	110	5550	Full	6.81	7.24	9.76	Pass
HE40	MCS0	4	134	5670	Full	7.17	7.24	9.76	Pass
HE80	MCS0	4	106	5530	Full	7.16	7.24	9.76	Pass
HE80	MCS0	4	122	5610	Full	7.07	7.24	9.76	Pass

FCC Band III Straddle Channel MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	Ant 1 + 2 + 3 + 4	
HE20	MCS0	4	144	5720	Full	6.58	7.24	9.76	Pass
HE40	MCS0	4	142	5710	Full	6.39	7.24	9.76	Pass
HE80	MCS0	4	138	5690	Full	7.19	7.24	9.76	Pass

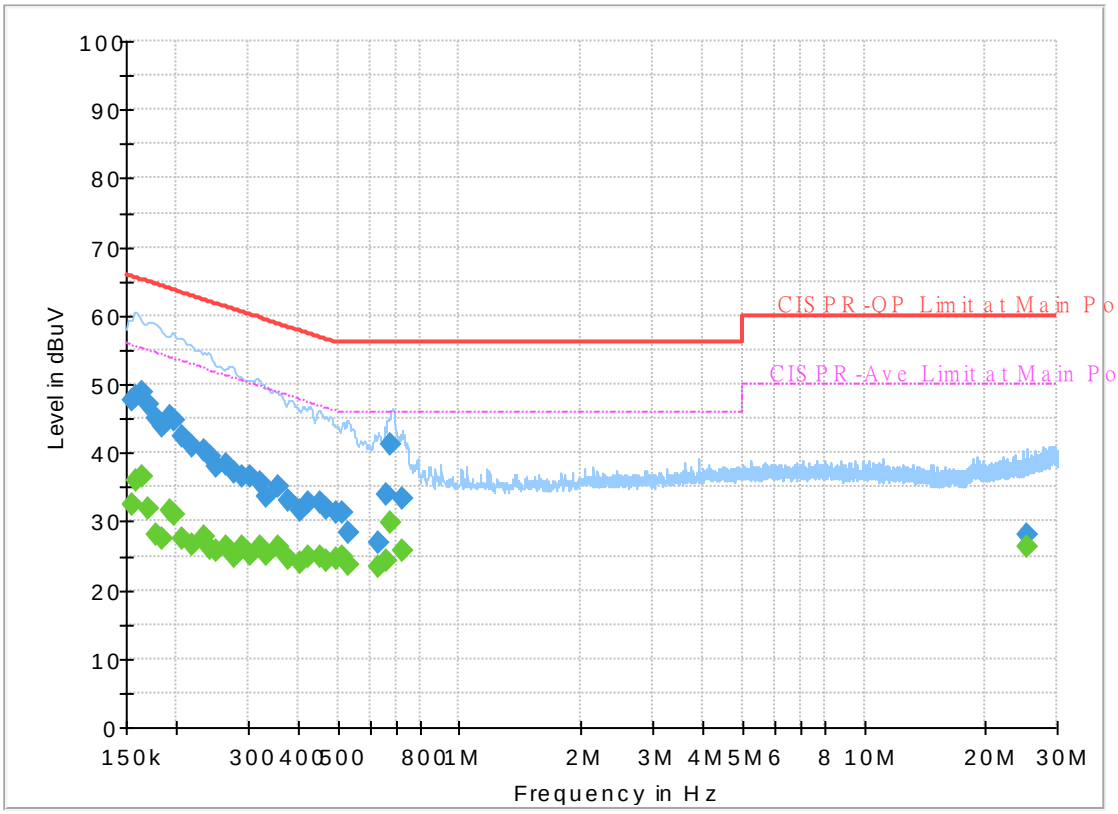
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO :	1O0638
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

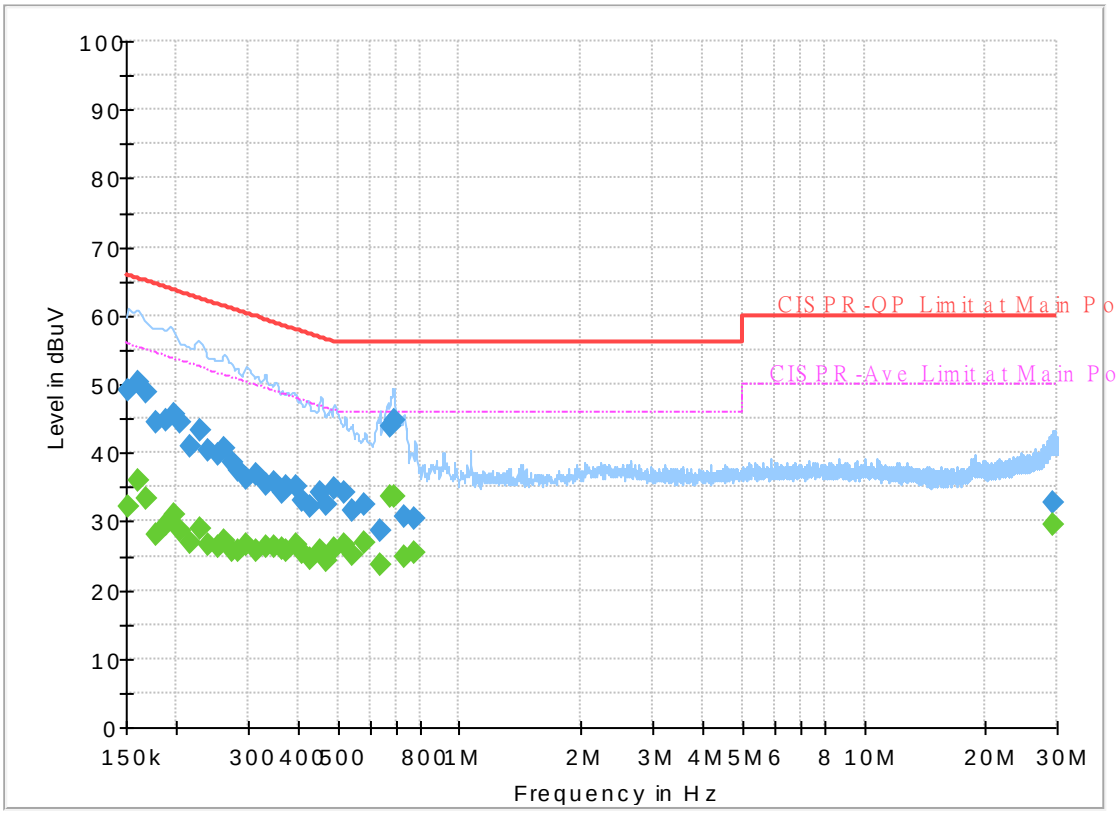
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	32.41	55.75	23.34	L1	OFF	19.6
0.154500	47.70	---	65.75	18.05	L1	OFF	19.6
0.159000	---	35.89	55.52	19.63	L1	OFF	19.6
0.159000	48.32	---	65.52	17.20	L1	OFF	19.6
0.163500	---	36.68	55.28	18.60	L1	OFF	19.6
0.163500	48.80	---	65.28	16.48	L1	OFF	19.6
0.170250	---	32.00	54.95	22.95	L1	OFF	19.6
0.170250	46.95	---	64.95	18.00	L1	OFF	19.6
0.177000	---	28.04	54.63	26.59	L1	OFF	19.6
0.177000	44.96	---	64.63	19.67	L1	OFF	19.6
0.183750	---	27.46	54.31	26.85	L1	OFF	19.6
0.183750	43.72	---	64.31	20.59	L1	OFF	19.6
0.192750	---	31.47	53.92	22.45	L1	OFF	19.6
0.192750	45.37	---	63.92	18.55	L1	OFF	19.6
0.197250	---	31.09	53.73	22.64	L1	OFF	19.6
0.197250	44.77	---	63.73	18.96	L1	OFF	19.6
0.206250	---	27.41	53.36	25.95	L1	OFF	19.6
0.206250	42.34	---	63.36	21.02	L1	OFF	19.6
0.217500	---	26.52	52.91	26.39	L1	OFF	19.6
0.217500	41.03	---	62.91	21.88	L1	OFF	19.6
0.233250	---	27.74	52.33	24.59	L1	OFF	19.6

0.233250	40.33	---	62.33	22.00	L1	OFF	19.6
0.242250	---	25.95	52.02	26.07	L1	OFF	19.6
0.242250	39.38	---	62.02	22.64	L1	OFF	19.6
0.251250	---	25.61	51.72	26.11	L1	OFF	19.6
0.251250	37.88	---	61.72	23.84	L1	OFF	19.6
0.264750	---	26.36	51.28	24.92	L1	OFF	19.6
0.264750	38.42	---	61.28	22.86	L1	OFF	19.6
0.278250	---	24.94	50.87	25.93	L1	OFF	19.6
0.278250	37.10	---	60.87	23.77	L1	OFF	19.6
0.289500	---	26.25	50.54	24.29	L1	OFF	19.6
0.289500	36.64	---	60.54	23.90	L1	OFF	19.6
0.305250	---	25.29	50.10	24.81	L1	OFF	19.6
0.305250	36.62	---	60.10	23.48	L1	OFF	19.6
0.321000	---	26.21	49.68	23.47	L1	OFF	19.6
0.321000	35.64	---	59.68	24.04	L1	OFF	19.6
0.334500	---	25.16	49.34	24.18	L1	OFF	19.6
0.334500	33.57	---	59.34	25.77	L1	OFF	19.6
0.354750	---	26.34	48.85	22.51	L1	OFF	19.6
0.354750	35.03	---	58.85	23.82	L1	OFF	19.6
0.377250	---	24.59	48.34	23.75	L1	OFF	19.6
0.377250	33.04	---	58.34	25.30	L1	OFF	19.6
0.404250	---	24.06	47.77	23.71	L1	OFF	19.6
0.404250	31.51	---	57.77	26.26	L1	OFF	19.6
0.424500	---	24.93	47.36	22.43	L1	OFF	19.7
0.424500	32.72	---	57.36	24.64	L1	OFF	19.7
0.453750	---	24.85	46.81	21.96	L1	OFF	19.7
0.453750	32.75	---	56.81	24.06	L1	OFF	19.7
0.469500	---	24.18	46.52	22.34	L1	OFF	19.7
0.469500	31.83	---	56.52	24.69	L1	OFF	19.7
0.494250	---	24.44	46.10	21.66	L1	OFF	19.7
0.494250	31.14	---	56.10	24.96	L1	OFF	19.7
0.514500	---	24.73	46.00	21.27	L1	OFF	19.8
0.514500	31.30	---	56.00	24.70	L1	OFF	19.8
0.530250	---	23.81	46.00	22.19	L1	OFF	19.8
0.530250	28.47	---	56.00	27.53	L1	OFF	19.8
0.631500	---	23.29	46.00	22.71	L1	OFF	19.9
0.631500	27.00	---	56.00	29.00	L1	OFF	19.9
0.660750	---	24.30	46.00	21.70	L1	OFF	19.9
0.660750	33.81	---	56.00	22.19	L1	OFF	19.9
0.676500	---	29.75	46.00	16.25	L1	OFF	19.9
0.676500	41.26	---	56.00	14.74	L1	OFF	19.9
0.721500	---	25.85	46.00	20.15	L1	OFF	19.9
0.721500	33.38	---	56.00	22.62	L1	OFF	19.9
25.161000	---	26.35	50.00	23.65	L1	OFF	20.6
25.161000	28.19	---	60.00	31.81	L1	OFF	20.6

EUT Information

Report NO :	1O0638
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.13	55.88	23.75	N	OFF	19.6
0.152250	49.21	---	65.88	16.67	N	OFF	19.6
0.161250	---	36.07	55.40	19.33	N	OFF	19.6
0.161250	50.39	---	65.40	15.01	N	OFF	19.6
0.168000	---	33.37	55.06	21.69	N	OFF	19.6
0.168000	48.91	---	65.06	16.15	N	OFF	19.6
0.177000	---	28.18	54.63	26.45	N	OFF	19.6
0.177000	44.52	---	64.63	20.11	N	OFF	19.6
0.188250	---	29.62	54.11	24.49	N	OFF	19.6
0.188250	44.75	---	64.11	19.36	N	OFF	19.6
0.197250	---	31.12	53.73	22.61	N	OFF	19.6
0.197250	45.67	---	63.73	18.06	N	OFF	19.6
0.204000	---	28.68	53.45	24.77	N	OFF	19.6
0.204000	44.49	---	63.45	18.96	N	OFF	19.6
0.215250	---	26.90	53.00	26.10	N	OFF	19.6
0.215250	40.97	---	63.00	22.03	N	OFF	19.6
0.228750	---	28.82	52.50	23.68	N	OFF	19.6
0.228750	43.19	---	62.50	19.31	N	OFF	19.6
0.240000	---	26.73	52.10	25.37	N	OFF	19.6
0.240000	40.34	---	62.10	21.76	N	OFF	19.6
0.253500	---	26.21	51.64	25.43	N	OFF	19.6

0.253500	39.65	---	61.64	21.99	N	OFF	19.6
0.262500	---	27.29	51.35	24.06	N	OFF	19.6
0.262500	40.59	---	61.35	20.76	N	OFF	19.6
0.273750	---	25.74	51.00	25.26	N	OFF	19.6
0.273750	38.68	---	61.00	22.32	N	OFF	19.6
0.282750	---	25.62	50.74	25.12	N	OFF	19.6
0.282750	37.55	---	60.74	23.19	N	OFF	19.6
0.298500	---	26.51	50.28	23.77	N	OFF	19.6
0.298500	36.26	---	60.28	24.02	N	OFF	19.6
0.314250	---	25.65	49.86	24.21	N	OFF	19.6
0.314250	36.85	---	59.86	23.01	N	OFF	19.6
0.332250	---	26.37	49.40	23.03	N	OFF	19.6
0.332250	35.38	---	59.40	24.02	N	OFF	19.6
0.350250	---	26.36	48.96	22.60	N	OFF	19.6
0.350250	35.65	---	58.96	23.31	N	OFF	19.6
0.363750	---	26.05	48.64	22.59	N	OFF	19.6
0.363750	34.18	---	58.64	24.46	N	OFF	19.6
0.375000	---	25.88	48.39	22.51	N	OFF	19.6
0.375000	35.12	---	58.39	23.27	N	OFF	19.6
0.393000	---	26.52	48.00	21.48	N	OFF	19.6
0.393000	35.08	---	58.00	22.92	N	OFF	19.6
0.408750	---	25.34	47.67	22.33	N	OFF	19.6
0.408750	32.95	---	57.67	24.72	N	OFF	19.6
0.429000	---	24.57	47.27	22.70	N	OFF	19.7
0.429000	32.04	---	57.27	25.23	N	OFF	19.7
0.453750	---	25.64	46.81	21.17	N	OFF	19.7
0.453750	34.18	---	56.81	22.63	N	OFF	19.7
0.467250	---	24.40	46.56	22.16	N	OFF	19.7
0.467250	32.32	---	56.56	24.24	N	OFF	19.7
0.492000	---	26.15	46.13	19.98	N	OFF	19.7
0.492000	34.87	---	56.13	21.26	N	OFF	19.7
0.516750	---	26.52	46.00	19.48	N	OFF	19.8
0.516750	34.17	---	56.00	21.83	N	OFF	19.8
0.543750	---	25.02	46.00	20.98	N	OFF	19.8
0.543750	31.69	---	56.00	24.31	N	OFF	19.8
0.584250	---	26.89	46.00	19.11	N	OFF	19.8
0.584250	32.53	---	56.00	23.47	N	OFF	19.8
0.636000	---	23.68	46.00	22.32	N	OFF	19.9
0.636000	28.60	---	56.00	27.40	N	OFF	19.9
0.676500	---	33.54	46.00	12.46	N	OFF	19.9
0.676500	43.94	---	56.00	12.06	N	OFF	19.9
0.687750	---	33.62	46.00	12.38	N	OFF	19.9
0.687750	44.85	---	56.00	11.15	N	OFF	19.9
0.728250	---	24.74	46.00	21.26	N	OFF	20.0
0.728250	30.80	---	56.00	25.20	N	OFF	20.0
0.777750	---	25.45	46.00	20.55	N	OFF	20.0
0.777750	30.41	---	56.00	25.59	N	OFF	20.0
29.370750	---	29.58	50.00	20.42	N	OFF	20.8
29.370750	32.61	---	60.00	27.39	N	OFF	20.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Daniel Lee, James Chiu, and Troye Hsieh	Temperature :	20.1~27.5°C
		Relative Humidity :	52.9~69.4%

<CDD Mode>

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 52 5260MHz		5132.26	52.25	-21.75	74	42.32	33.01	10.35	33.43	100	298	P	H
		5144.5	43.37	-10.63	54	33.5	32.93	10.37	33.43	100	298	A	H
	*	5260	119.54	-	-	109.56	32.92	10.5	33.44	100	298	P	H
	*	5260	111.85	-	-	101.87	32.92	10.5	33.44	100	298	A	H
		5433.12	52.84	-21.16	74	42.74	32.9	10.65	33.45	100	298	P	H
		5351.76	44.64	-9.36	54	34.69	32.8	10.6	33.45	100	298	A	H
		5094.86	51.04	-22.96	74	41.01	33.16	10.3	33.43	282	210	P	V
		5149.6	42.53	-11.47	54	32.69	32.9	10.37	33.43	282	210	A	V
	*	5260	117.78	-	-	107.8	32.92	10.5	33.44	282	210	P	V
	*	5260	110.46	-	-	100.48	32.92	10.5	33.44	282	210	A	V
		5392.8	51.95	-22.05	74	41.87	32.89	10.64	33.45	282	210	P	V
		5355.6	43.09	-10.91	54	33.13	32.81	10.6	33.45	282	210	A	V
802.11a CH 60 5300MHz		5039.1	51.78	-22.22	74	42.11	32.87	10.22	33.42	100	241	P	H
		5144.5	43.18	-10.82	54	33.31	32.93	10.37	33.43	100	241	A	H
	*	5300	123.36	-	-	113.25	33	10.55	33.44	100	241	P	H
	*	5300	115.96	-	-	105.85	33	10.55	33.44	100	241	A	H
		5360.16	60.8	-13.2	74	50.82	32.82	10.61	33.45	100	241	P	H
		5350.08	52.31	-1.69	54	42.36	32.8	10.6	33.45	100	241	A	H
		5075.14	51.81	-22.19	74	41.97	33	10.27	33.43	100	239	P	V
		5140.08	42.59	-11.41	54	32.7	32.96	10.36	33.43	100	239	A	V
	*	5300	122.46	-	-	112.35	33	10.55	33.44	100	239	P	V
	*	5300	115.35	-	-	105.24	33	10.55	33.44	100	239	A	V
		5351.52	58.44	-15.56	74	48.49	32.8	10.6	33.45	100	239	P	V
		5351.52	50.39	-3.61	54	40.44	32.8	10.6	33.45	100	239	A	V

802.11a CH 64 5320MHz	*	5320	119.69	-	-	109.65	32.92	10.57	33.45	100	318	P	H
	*	5320	112.05	-	-	102.01	32.92	10.57	33.45	100	318	A	H
		5355.68	60.65	-13.35	74	50.69	32.81	10.6	33.45	100	318	P	H
		5350.24	52.7	-1.3	54	42.75	32.8	10.6	33.45	100	318	A	H
													H
													H
	*	5320	114.76	-	-	104.72	32.92	10.57	33.45	100	303	P	V
	*	5320	107.54	-	-	97.5	32.92	10.57	33.45	100	303	A	V
		5351.2	60.94	-13.06	74	50.99	32.8	10.6	33.45	100	303	P	V
		5350.72	51.08	-2.92	54	41.13	32.8	10.6	33.45	100	303	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. 1+2+3+4	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 52 5260MHz		10520	57.11	-11.09	68.2	61.26	39.88	16.89	60.92	-	-	P	H
		13369	45.59	-28.41	74	49.68	39.94	19.04	63.07	-	-	P	H
		14491	45.96	-28.04	74	47.77	41.3	19.9	63.01	-	-	P	H
		15780	63.46	-10.54	74	66.8	37.74	20.95	62.03	304	304	P	H
		15780	51.31	-2.69	54	54.65	37.74	20.95	62.03	304	304	A	H
		17978	52.44	-21.56	74	39.84	46.45	22.8	56.65	-	-	P	H
		17978	43.1	-10.9	54	30.5	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		10520	51.86	-16.34	68.2	56.01	39.88	16.89	60.92	-	-	P	V
		13303	46.31	-27.69	74	50.74	39.61	19.02	63.06	-	-	P	V
		14491	46.43	-27.57	74	48.24	41.3	19.9	63.01	-	-	P	V
		15780	66.05	-7.95	74	69.39	37.74	20.95	62.03	210	308	P	V
		15780	52.45	-1.55	54	55.79	37.74	20.95	62.03	210	308	A	V
		17967	53.37	-20.63	74	40.99	46.27	22.79	56.68	-	-	P	V
		17967	42.7	-11.3	54	30.32	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10600	61.3	-12.7	74	65.57	39.8	16.95	61.02	100	302	P	H
		10600	50.01	-3.99	54	54.28	39.8	16.95	61.02	100	302	A	H
		13380	46.78	-27.22	74	50.81	40	19.05	63.08	-	-	P	H
		14491	46.26	-27.74	74	48.07	41.3	19.9	63.01	-	-	P	H
		15900	62.2	-11.8	74	65.32	37.6	21.02	61.74	286	179	P	H
		15900	49.53	-4.47	54	52.65	37.6	21.02	61.74	286	179	A	H
		17989	53.63	-20.37	74	40.83	46.62	22.81	56.63	-	-	P	H
		17989	43.01	-10.99	54	30.21	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	60.88	-13.12	74	65.15	39.8	16.95	61.02	347	217	P	V
		10600	49.11	-4.89	54	53.38	39.8	16.95	61.02	347	217	A	V
		13380	45.67	-28.33	74	49.7	40	19.05	63.08	-	-	P	V
		14491	46.3	-27.7	74	48.11	41.3	19.9	63.01	-	-	P	V
		15900	63	-11	74	66.12	37.6	21.02	61.74	208	310	P	V
		15900	51.04	-2.96	54	54.16	37.6	21.02	61.74	208	310	A	V
		17989	53.37	-20.63	74	40.57	46.62	22.81	56.63	-	-	P	V
		17989	43.34	-10.66	54	30.54	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10640	56.92	-17.08	74	61.16	39.84	16.99	61.07	100	301	P	H
		10640	47.58	-6.42	54	51.82	39.84	16.99	61.07	100	301	A	H
		13347	45.37	-28.63	74	49.57	39.83	19.04	63.07	-	-	P	H
		14491	46.54	-27.46	74	48.35	41.3	19.9	63.01	-	-	P	H
		15960	57.63	-16.37	74	60.65	37.54	21.04	61.6	300	198	P	H
		15960	49.23	-4.77	54	52.25	37.54	21.04	61.6	300	198	A	H
		17978	53.83	-20.17	74	41.23	46.45	22.8	56.65	-	-	P	H
		17978	43.63	-10.37	54	31.03	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
802.11a CH 64 5320MHz		10640	62.11	-11.89	74	66.35	39.84	16.99	61.07	347	215	P	V
		10640	51.62	-2.38	54	55.86	39.84	16.99	61.07	347	215	A	V
		13369	45.77	-28.23	74	49.86	39.94	19.04	63.07	-	-	P	V
		14491	46.49	-27.51	74	48.3	41.3	19.9	63.01	-	-	P	V
		15960	56.85	-17.15	74	59.87	37.54	21.04	61.6	208	311	P	V
		15960	45.86	-8.14	54	48.88	37.54	21.04	61.6	208	311	A	V
		17967	53.19	-20.81	74	40.81	46.27	22.79	56.68	-	-	P	V
		17967	43.35	-10.65	54	30.97	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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)
		5147.9	51.59	-22.41	74	41.74	32.91	10.37	33.43	265	239	P	H
		5146.54	42.65	-11.35	54	32.79	32.92	10.37	33.43	265	239	A	H
	*	5260	119.96	-	-	109.98	32.92	10.5	33.44	100	239	P	H
	*	5260	111.17	-	-	101.19	32.92	10.5	33.44	100	239	A	H
802.11ax		5350.32	51.58	-22.42	74	41.63	32.8	10.6	33.45	100	239	P	H
HE20 Full		5357.76	43.47	-10.53	54	33.49	32.82	10.61	33.45	100	239	A	H
CH 52		5093.16	51.68	-22.32	74	41.66	33.15	10.3	33.43	256	239	P	V
5260MHz		5149.6	41.84	-12.16	54	32	32.9	10.37	33.43	256	239	A	V
	*	5260	118.02	-	-	108.04	32.92	10.5	33.44	256	239	P	V
	*	5260	110.07	-	-	100.09	32.92	10.5	33.44	256	239	A	V
		5377.68	51.7	-22.3	74	41.66	32.86	10.63	33.45	256	239	P	V
		5450.64	42.52	-11.48	54	32.42	32.9	10.66	33.46	256	239	A	V
		5149.94	51.52	-22.48	74	41.68	32.9	10.37	33.43	100	323	P	H
		5143.48	42.57	-11.43	54	32.7	32.94	10.36	33.43	100	323	A	H
	*	5300	124.54	-	-	114.43	33	10.55	33.44	100	323	P	H
	*	5300	113.93	-	-	103.82	33	10.55	33.44	100	323	A	H
802.11ax		5350.08	59.23	-14.77	74	49.28	32.8	10.6	33.45	100	323	P	H
HE20 Full		5350.08	52.35	-1.65	54	42.4	32.8	10.6	33.45	100	323	A	H
CH 60		5030.94	51.52	-22.48	74	41.82	32.91	10.21	33.42	400	202	P	V
5300MHz		5076.16	41.92	-12.08	54	32.07	33.01	10.27	33.43	400	202	A	V
	*	5300	118.41	-	-	108.3	33	10.55	33.44	400	202	P	V
	*	5300	109.3	-	-	99.19	33	10.55	33.44	400	202	A	V
		5350.8	55.6	-18.4	74	45.65	32.8	10.6	33.45	400	202	P	V
		5350.56	48.58	-5.42	54	38.63	32.8	10.6	33.45	400	202	A	V

	*	5320	118.97	-	-	108.93	32.92	10.57	33.45	100	211	P	H
	*	5320	109.57	-	-	99.53	32.92	10.57	33.45	100	211	A	H
		5350.4	61.33	-12.67	74	51.38	32.8	10.6	33.45	100	211	P	H
		5350.56	52.49	-1.51	54	42.54	32.8	10.6	33.45	100	211	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	114.48	-	-	104.44	32.92	10.57	33.45	100	208	P	V
5320MHz	*	5320	105.15	-	-	95.11	32.92	10.57	33.45	100	208	A	V
		5350.88	58.06	-15.94	74	48.11	32.8	10.6	33.45	100	208	P	V
		5350.24	49.73	-4.27	54	39.78	32.8	10.6	33.45	100	208	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. 1+2+3+4	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)
		10520	52.9	-15.3	68.2	57.05	39.88	16.89	60.92	-	-	P	H
		13380	46.11	-27.89	74	50.14	40	19.05	63.08	-	-	P	H
		14491	46.71	-27.29	74	48.52	41.3	19.9	63.01	-	-	P	H
		15780	64.36	-9.64	74	67.7	37.74	20.95	62.03	296	197	P	H
		15780	51.05	-2.95	54	54.39	37.74	20.95	62.03	296	197	A	H
		17989	53.03	-20.97	74	40.23	46.62	22.81	56.63	-	-	P	H
		17989	43.84	-10.16	54	31.04	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	47.94	-20.26	68.2	52.09	39.88	16.89	60.92	-	-	P	V
5260MHz		13358	46.03	-27.97	74	50.17	39.89	19.04	63.07	-	-	P	V
		14491	45.77	-28.23	74	47.58	41.3	19.9	63.01	-	-	P	V
		15780	62.88	-11.12	74	66.22	37.74	20.95	62.03	206	306	P	V
		15780	47.23	-6.77	54	50.57	37.74	20.95	62.03	206	306	A	V
		17989	53.21	-20.79	74	40.41	46.62	22.81	56.63	-	-	P	V
		17989	43.6	-10.4	54	30.8	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10600	64.36	-9.64	74	68.63	39.8	16.95	61.02	100	301	P	H
		10600	50.13	-3.87	54	54.4	39.8	16.95	61.02	100	301	A	H
		13369	46.1	-27.9	74	50.19	39.94	19.04	63.07	-	-	P	H
		14491	45.99	-28.01	74	47.8	41.3	19.9	63.01	-	-	P	H
		15900	66.54	-7.46	74	69.66	37.6	21.02	61.74	301	198	P	H
		15900	52.32	-1.68	54	55.44	37.6	21.02	61.74	301	198	A	H
		17967	52.97	-21.03	74	40.59	46.27	22.79	56.68	-	-	P	H
		17967	43.45	-10.55	54	31.07	46.27	22.79	56.68	-	-	A	H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	60.61	-13.39	74	64.88	39.8	16.95	61.02	367	220	P	V
5300MHz		10600	47.49	-6.51	54	51.76	39.8	16.95	61.02	367	220	A	V
		13358	46.15	-27.85	74	50.29	39.89	19.04	63.07	-	-	P	V
		14491	47.46	-26.54	74	49.27	41.3	19.9	63.01	-	-	P	V
		15900	64.63	-9.37	74	67.75	37.6	21.02	61.74	200	308	P	V
		15900	50.8	-3.2	54	53.92	37.6	21.02	61.74	200	308	A	V
		17978	53.32	-20.68	74	40.72	46.45	22.8	56.65	-	-	P	V
		17978	43.64	-10.36	54	31.04	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10640	57.31	-16.69	74	61.55	39.84	16.99	61.07	100	303	P	H
		10640	47.21	-6.79	54	51.45	39.84	16.99	61.07	100	303	A	H
		13358	46.97	-27.03	74	51.11	39.89	19.04	63.07	-	-	P	H
		14491	47.44	-26.56	74	49.25	41.3	19.9	63.01	-	-	P	H
		15960	60.06	-13.94	74	63.08	37.54	21.04	61.6	202	253	P	H
		15960	41.07	-12.93	54	44.09	37.54	21.04	61.6	202	253	A	H
		17989	54.47	-19.53	74	41.67	46.62	22.81	56.63	-	-	P	H
		17989	43.6	-10.4	54	30.8	46.62	22.81	56.63	-	-	A	H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	52.85	-21.15	74	57.09	39.84	16.99	61.07	100	262	P	V
5320MHz		10640	42.15	-11.85	54	46.39	39.84	16.99	61.07	100	262	A	V
		13270	46.42	-27.58	74	50.88	39.57	19.02	63.05	-	-	P	V
		14491	47.97	-26.03	74	49.78	41.3	19.9	63.01	-	-	P	V
		15960	57.12	-16.88	74	60.14	37.54	21.04	61.6	100	281	P	V
		15960	40.54	-13.46	54	43.56	37.54	21.04	61.6	100	281	A	V
		17967	54.37	-19.63	74	41.99	46.27	22.79	56.68	-	-	P	V
		17967	43.47	-10.53	54	31.09	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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 Partial M CH 52 5260MHz		5148.58	51.33	-22.67	74	42.29	32.1	10.37	33.43	100	296	P	H
		5148.92	42.25	-11.75	54	33.21	32.1	10.37	33.43	100	296	A	H
	*	5260	118.85	-	-	110.21	31.58	10.5	33.44	100	296	P	H
	*	5260	110.62	-	-	101.98	31.58	10.5	33.44	100	296	A	H
		5406.72	51.99	-22.01	74	43.05	31.74	10.65	33.45	100	296	P	H
		5456.88	43.32	-10.68	54	34.12	32	10.66	33.46	100	296	A	H
		5107.78	49.68	-24.32	74	40.69	32.1	10.32	33.43	118	232	P	V
		5148.92	41.59	-12.41	54	32.55	32.1	10.37	33.43	118	232	A	V
	*	5260	116.25	-	-	107.61	31.58	10.5	33.44	118	232	P	V
	*	5260	108.9	-	-	100.26	31.58	10.5	33.44	118	232	A	V
		5459.28	51.53	-22.47	74	42.33	32	10.66	33.46	118	232	P	V
		5448	42.46	-11.54	54	33.27	31.99	10.66	33.46	118	232	A	V
802.11ax HE20 Partial M CH 60 5300MHz		5060.18	49.51	-24.49	74	40.9	31.78	10.25	33.42	105	236	P	H
		5148.24	42.9	-11.1	54	33.86	32.1	10.37	33.43	105	236	A	H
	*	5300	119.48	-	-	110.87	31.5	10.55	33.44	105	236	P	H
	*	5300	111.71	-	-	103.1	31.5	10.55	33.44	105	236	A	H
		5350.56	62.84	-11.16	74	54.29	31.4	10.6	33.45	105	236	P	H
		5350.32	52.41	-1.59	54	43.86	31.4	10.6	33.45	105	236	A	H
		5147.9	50.37	-23.63	74	41.33	32.1	10.37	33.43	110	234	P	V
		5149.94	41.9	-12.1	54	32.86	32.1	10.37	33.43	110	234	A	V
	*	5300	117.38	-	-	108.77	31.5	10.55	33.44	110	234	P	V
	*	5300	111.02	-	-	102.41	31.5	10.55	33.44	110	234	A	V
		5362.56	59.15	-14.85	74	50.51	31.48	10.61	33.45	110	234	P	V
		5350.08	49.43	-4.57	54	40.88	31.4	10.6	33.45	110	234	A	V

802.11ax HE20 Partial M CH 64 5320MHz	*	5320	115.14	-	-	106.56	31.46	10.57	33.45	100	243	P	H
	*	5320	106.96	-	-	98.38	31.46	10.57	33.45	100	243	A	H
		5353.92	68.83	-5.17	74	60.26	31.42	10.6	33.45	100	243	P	H
		5351.84	51.89	-2.11	54	43.33	31.41	10.6	33.45	100	243	A	H
													H
													H
	*	5320	113.03	-	-	104.45	31.46	10.57	33.45	100	238	P	V
	*	5320	105.71	-	-	97.13	31.46	10.57	33.45	100	238	A	V
		5350.88	65.89	-8.11	74	57.33	31.41	10.6	33.45	100	238	P	V
		5350.88	49.33	-4.67	54	40.77	31.41	10.6	33.45	100	238	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 M unmode tone (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		10520	49.35	-18.85	68.2	53.5	39.88	16.89	60.92	-	-	P	H
		13347	44.27	-29.73	74	48.47	39.83	19.04	63.07	-	-	P	H
		14491	44.52	-29.48	74	46.33	41.3	19.9	63.01	-	-	P	H
		15780	64.66	-9.34	74	68	37.74	20.95	62.03	300	193	A	H
		15780	51.85	-2.15	54	55.19	37.74	20.95	62.03	300	193	A	H
		17967	52.26	-21.74	74	39.88	46.27	22.79	56.68	-	-	P	H
		17967	42.87	-11.13	54	30.49	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax HE20 Partial M CH 52 5260MHz													H
													H
		10520	51.97	-16.23	68.2	56.12	39.88	16.89	60.92	-	-	P	V
		13369	45.28	-28.72	74	49.37	39.94	19.04	63.07	-	-	P	V
		14491	46.19	-27.81	74	48	41.3	19.9	63.01	-	-	P	V
		15780	61.87	-12.13	74	65.21	37.74	20.95	62.03	100	296	A	V
		15780	49.29	-4.71	54	52.63	37.74	20.95	62.03	100	296	A	V
		17956	51.64	-22.36	74	39.48	46.1	22.77	56.71	-	-	P	V
		17956	42.29	-11.71	54	30.13	46.1	22.77	56.71	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10600	57.31	-16.69	74	61.58	39.8	16.95	61.02	300	248	P	H
		10600	44.17	-9.83	54	48.44	39.8	16.95	61.02	300	248	A	H
		13380	44.71	-29.29	74	48.74	40	19.05	63.08	-	-	P	H
		14491	46.19	-27.81	74	48	41.3	19.9	63.01	-	-	P	H
		15900	60.4	-13.6	74	63.52	37.6	21.02	61.74	300	195	P	H
		15900	48.68	-5.32	54	51.8	37.6	21.02	61.74	300	195	A	H
		17967	51.44	-22.56	74	39.06	46.27	22.79	56.68	-	-	P	H
		17967	42.53	-11.47	54	30.15	46.27	22.79	56.68	-	-	A	H
													H
													H
802.11ax HE20 Partial M CH 60 5300MHz													H
													H
		10600	55.81	-18.19	74	60.08	39.8	16.95	61.02	100	250	P	V
		10600	42.7	-11.3	54	46.97	39.8	16.95	61.02	100	250	A	V
		13325	45.38	-28.62	74	49.69	39.72	19.03	63.06	-	-	P	V
		14491	45.37	-28.63	74	47.18	41.3	19.9	63.01	-	-	P	V
		15900	58.18	-15.82	74	61.3	37.6	21.02	61.74	100	265	P	V
		15900	44.9	-9.1	54	48.02	37.6	21.02	61.74	100	265	A	V
		17989	51.32	-22.68	74	38.52	46.62	22.81	56.63	-	-	P	V
		17989	42.35	-11.65	54	29.55	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 Partial M CH 64 5320MHz		10640	47.72	-26.28	74	51.96	39.84	16.99	61.07	-	-	P	H
		13325	45.19	-28.81	74	49.5	39.72	19.03	63.06	-	-	P	H
		14491	45.72	-28.28	74	47.53	41.3	19.9	63.01	-	-	P	H
		15960	47.39	-26.61	74	50.41	37.54	21.04	61.6	-	-	P	H
		17989	52.83	-21.17	74	40.03	46.62	22.81	56.63	-	-	P	H
		17989	42.94	-11.06	54	30.14	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
													H
													H
		10640	47.28	-26.72	74	51.52	39.84	16.99	61.07	-	-	P	V
		13281	44.97	-29.03	74	49.43	39.58	19.02	63.06	-	-	P	V
		14491	46.45	-27.55	74	48.26	41.3	19.9	63.01	-	-	P	V
		15960	46.17	-27.83	74	49.19	37.54	21.04	61.6	-	-	P	V
		17978	51.98	-22.02	74	39.38	46.45	22.8	56.65	-	-	P	V
		17978	42.48	-11.52	54	29.88	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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 Partial BE CH 52 5260MHz		5147.22	50.56	-23.44	74	41.52	32.1	10.37	33.43	100	238	P	H
		5148.92	42.92	-11.08	54	33.88	32.1	10.37	33.43	100	238	A	H
	*	5260	120.13	-	-	111.49	31.58	10.5	33.44	100	238	P	H
	*	5260	112.52	-	-	103.88	31.58	10.5	33.44	100	238	A	H
		5354.88	52.59	-21.41	74	44.01	31.43	10.6	33.45	100	238	P	H
		5456.4	44.07	-9.93	54	34.87	32	10.66	33.46	100	238	A	H
		5142.46	50.2	-23.8	74	41.17	32.1	10.36	33.43	100	239	P	V
		5149.26	41.87	-12.13	54	32.83	32.1	10.37	33.43	100	239	A	V
	*	5260	119.68	-	-	111.04	31.58	10.5	33.44	100	239	P	V
	*	5260	112.48	-	-	103.84	31.58	10.5	33.44	100	239	A	V
		5378.16	51.43	-22.57	74	42.68	31.57	10.63	33.45	100	239	P	V
		5448	43.44	-10.56	54	34.25	31.99	10.66	33.46	100	239	A	V
802.11ax HE20 Partial BE CH60 5300MHz		5147.9	51.29	-22.71	74	42.25	32.1	10.37	33.43	100	234	P	H
		5146.54	42.62	-11.38	54	33.58	32.1	10.37	33.43	100	234	A	H
	*	5300	120.79	-	-	112.18	31.5	10.55	33.44	100	234	P	H
	*	5300	114.82	-	-	106.21	31.5	10.55	33.44	100	234	A	H
		5351.28	59.4	-14.6	74	50.84	31.41	10.6	33.45	100	234	P	H
		5350.08	44.61	-9.39	54	36.06	31.4	10.6	33.45	100	234	A	H
		5111.52	49.77	-24.23	74	40.78	32.1	10.32	33.43	106	236	P	V
		5145.52	41.84	-12.16	54	32.8	32.1	10.37	33.43	106	236	A	V
	*	5300	120.33	-	-	111.72	31.5	10.55	33.44	106	236	P	V
	*	5300	113.61	-	-	105	31.5	10.55	33.44	106	236	A	V
		5399.28	51.87	-22.13	74	42.97	31.7	10.65	33.45	106	236	P	V
		5350.32	44.33	-9.67	54	35.78	31.4	10.6	33.45	106	236	A	V

802.11ax HE20 Partial BE CH 64 5320MHz	*	5320	121.05	-	-	112.47	31.46	10.57	33.45	100	300	P	H
	*	5320	113.7	-	-	105.12	31.46	10.57	33.45	100	300	A	H
		5350.56	71.46	-2.54	74	62.91	31.4	10.6	33.45	100	300	P	H
		5350.08	51.98	-2.02	54	43.43	31.4	10.6	33.45	100	300	A	H
													H
													H
	*	5320	118.57	-	-	109.99	31.46	10.57	33.45	107	241	P	V
	*	5320	111.28	-	-	102.7	31.46	10.57	33.45	107	241	A	V
		5353.28	56.94	-17.06	74	48.37	31.42	10.6	33.45	107	241	P	V
		5351.52	48.48	-5.52	54	39.92	31.41	10.6	33.45	107	241	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 Partial BE CH 52 5260MHz		10520	48.27	-19.93	68.2	52.42	39.88	16.89	60.92	-	-	P	H
		13325	43.4	-30.6	74	47.71	39.72	19.03	63.06	-	-	P	H
		14491	43.91	-30.09	74	45.72	41.3	19.9	63.01	-	-	P	H
		15780	66.39	-7.61	74	69.73	37.74	20.95	62.03	300	195	P	H
		15780	52.11	-1.89	54	55.45	37.74	20.95	62.03	300	195	A	H
		17967	49.44	-24.56	74	37.06	46.27	22.79	56.68	-	-	P	H
		17967	40.97	-13.03	54	28.59	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
													H
													H
		10520	54.96	-13.24	68.2	59.11	39.88	16.89	60.92	-	-	P	V
		13380	45.47	-28.53	74	49.5	40	19.05	63.08	-	-	P	V
		14491	45.79	-28.21	74	47.6	41.3	19.9	63.01	-	-	P	V
		15780	63.05	-10.95	74	66.39	37.74	20.95	62.03	100	296	P	V
		15780	49.46	-4.54	54	52.8	37.74	20.95	62.03	100	296	A	V
		17967	51.27	-22.73	74	38.89	46.27	22.79	56.68	-	-	P	V
		17967	41.54	-12.46	54	29.16	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10600	62.3	-11.7	74	66.57	39.8	16.95	61.02	100	210	P	H
		10600	48.21	-5.79	54	52.48	39.8	16.95	61.02	100	210	A	H
		13380	45.13	-28.87	74	49.16	40	19.05	63.08	-	-	P	H
		14491	45.5	-28.5	74	47.31	41.3	19.9	63.01	-	-	P	H
		15900	64.83	-9.17	74	67.95	37.6	21.02	61.74	300	234	P	H
		15900	49.54	-4.46	54	52.66	37.6	21.02	61.74	300	234	A	H
		18000	52.39	-21.61	74	39.37	46.8	22.82	56.6	-	-	P	H
		18000	43.24	-10.76	54	30.22	46.8	22.82	56.6	-	-	A	H
													H
													H
802.11ax HE20 Partial BE CH 60 5300MHz													H
													H
		10600	61.31	-12.69	74	65.58	39.8	16.95	61.02	100	250	P	V
		10600	45.91	-8.09	54	50.18	39.8	16.95	61.02	100	250	A	V
		13358	45.62	-28.38	74	49.76	39.89	19.04	63.07	-	-	P	V
		14491	45.83	-28.17	74	47.64	41.3	19.9	63.01	-	-	P	V
		15900	62.48	-11.52	74	65.6	37.6	21.02	61.74	100	266	P	V
		15900	46.71	-7.29	54	49.83	37.6	21.02	61.74	100	266	A	V
		17978	52.1	-21.9	74	39.5	46.45	22.8	56.65	-	-	P	V
		17978	43.05	-10.95	54	30.45	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 Partial BE CH 64 5320MHz		10640	57.82	-16.18	74	62.06	39.84	16.99	61.07	100	297	P	H
		10640	47.28	-6.72	54	51.52	39.84	16.99	61.07	100	297	A	H
		13358	45.23	-28.77	74	49.37	39.89	19.04	63.07	-	-	P	H
		14491	44.91	-29.09	74	46.72	41.3	19.9	63.01	-	-	P	H
		15960	51.87	-22.13	74	54.89	37.54	21.04	61.6	300	227	P	H
		15960	38.25	-15.75	54	41.27	37.54	21.04	61.6	300	227	A	H
		18000	51.84	-22.16	74	38.82	46.8	22.82	56.6	-	-	P	H
		18000	43.14	-10.86	54	30.12	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
													H
		10640	51.97	-22.03	74	56.21	39.84	16.99	61.07	100	251	P	V
		10640	42.89	-11.11	54	47.13	39.84	16.99	61.07	100	251	A	V
		13314	45.31	-28.69	74	49.67	39.67	19.03	63.06	-	-	P	V
		14491	45.9	-28.1	74	47.71	41.3	19.9	63.01	-	-	P	V
		15960	46.75	-27.25	74	49.77	37.54	21.04	61.6	-	-	P	V
		17978	52.35	-21.65	74	39.75	46.45	22.8	56.65	-	-	P	V
		17978	42.85	-11.15	54	30.25	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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)
		5148.24	55.35	-18.65	74	45.5	32.91	10.37	33.43	100	262	P	H
		5148.92	44.52	-9.48	54	34.67	32.91	10.37	33.43	100	262	A	H
	*	5270	118.31	-	-	108.3	32.94	10.51	33.44	100	262	P	H
	*	5270	108.97	-	-	98.96	32.94	10.51	33.44	100	262	A	H
802.11ax		5350.32	62.62	-11.38	74	52.67	32.8	10.6	33.45	100	262	P	H
HE40 Full		5350.08	51.9	-2.1	54	41.95	32.8	10.6	33.45	100	262	A	H
CH 54		5035.7	51.21	-22.79	74	41.52	32.89	10.22	33.42	250	238	P	V
5270MHz		5143.82	42.44	-11.56	54	32.57	32.94	10.36	33.43	250	238	A	V
	*	5270	114.65	-	-	104.64	32.94	10.51	33.44	250	238	P	V
	*	5270	105.45	-	-	95.44	32.94	10.51	33.44	250	238	A	V
		5350.56	57.82	-16.18	74	47.87	32.8	10.6	33.45	250	238	P	V
		5351.76	50.03	-3.97	54	40.08	32.8	10.6	33.45	250	238	A	V
		5035.02	52.03	-21.97	74	42.34	32.89	10.22	33.42	100	244	P	H
		5148.24	42.14	-11.86	54	32.29	32.91	10.37	33.43	100	244	A	H
	*	5310	114.92	-	-	104.84	32.96	10.56	33.44	100	244	P	H
	*	5310	106.96	-	-	96.88	32.96	10.56	33.44	100	244	A	H
802.11ax		5350.08	59.45	-14.55	74	49.5	32.8	10.6	33.45	100	244	P	H
HE40 Full		5352	52.87	-1.13	54	42.92	32.8	10.6	33.45	100	244	A	H
CH 62		5066.3	50.59	-23.41	74	40.83	32.93	10.26	33.43	250	251	P	V
5310MHz		5080.92	41.6	-12.4	54	31.7	33.05	10.28	33.43	250	251	A	V
	*	5310	109.23	-	-	99.15	32.96	10.56	33.44	250	251	P	V
	*	5310	101.27	-	-	91.19	32.96	10.56	33.44	250	251	A	V
		5350.08	58.67	-15.33	74	48.72	32.8	10.6	33.45	250	251	P	V
		5350.08	52.63	-1.37	54	42.68	32.8	10.6	33.45	250	251	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. 1+2+3+4	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)
		10540	55.03	-13.17	68.2	59.21	39.86	16.91	60.95	-	-	P	H
		13369	46.22	-27.78	74	50.31	39.94	19.04	63.07	-	-	P	H
		14491	46.2	-27.8	74	48.01	41.3	19.9	63.01	-	-	P	H
		15810	64.98	-9.02	74	68.29	37.69	20.96	61.96	201	244	P	H
		15810	52.07	-1.93	54	55.38	37.69	20.96	61.96	201	244	A	H
		17978	52.6	-21.4	74	40	46.45	22.8	56.65	-	-	P	H
		17978	43.31	-10.69	54	30.71	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	52.9	-15.3	68.2	57.08	39.86	16.91	60.95	-	-	P	V
5270MHz		13380	46.62	-27.38	74	50.65	40	19.05	63.08	-	-	P	V
		14491	47.15	-26.85	74	48.96	41.3	19.9	63.01	-	-	P	V
		15810	60.76	-13.24	74	64.07	37.69	20.96	61.96	100	291	P	V
		15810	50.79	-3.21	54	54.1	37.69	20.96	61.96	100	291	A	V
		18000	53.25	-20.75	74	40.23	46.8	22.82	56.6	-	-	P	V
		18000	43.96	-10.04	54	30.94	46.8	22.82	56.6	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10620	47.66	-26.34	74	51.91	39.82	16.97	61.04	-	-	P	H
		13336	46.3	-27.7	74	50.56	39.78	19.03	63.07	-	-	P	H
		14491	46.3	-27.7	74	48.11	41.3	19.9	63.01	-	-	P	H
		15930	47.17	-26.83	74	50.24	37.57	21.03	61.67	-	-	P	H
		17978	53.06	-20.94	74	40.46	46.45	22.8	56.65	-	-	P	H
		17978	43.18	-10.82	54	30.58	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	47.12	-26.88	74	51.37	39.82	16.97	61.04	-	-	P	V
5310MHz		13391	46.16	-27.84	74	50.13	40.06	19.05	63.08	-	-	P	V
		14491	46.12	-27.88	74	47.93	41.3	19.9	63.01	-	-	P	V
		15930	44.32	-29.68	74	47.39	37.57	21.03	61.67	-	-	P	V
		17967	52.9	-21.1	74	40.52	46.27	22.79	56.68	-	-	P	V
		17967	43.45	-10.55	54	31.07	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial M CH 54 5270MHz		5148.24	52.66	-21.34	74	43.62	32.1	10.37	33.43	100	294	P	H
		5148.24	44.06	-9.94	54	35.02	32.1	10.37	33.43	100	294	A	H
	*	5270	116.86	-	-	108.23	31.56	10.51	33.44	100	294	P	H
	*	5270	109.81	-	-	101.18	31.56	10.51	33.44	100	294	A	H
		5350.32	63.57	-10.43	74	55.02	31.4	10.6	33.45	100	294	P	H
		5350.08	52.28	-1.72	54	43.73	31.4	10.6	33.45	100	294	A	H
		5148.58	51.95	-22.05	74	42.91	32.1	10.37	33.43	112	236	P	V
		5149.94	43.69	-10.31	54	34.65	32.1	10.37	33.43	112	236	A	V
	*	5270	116.74	-	-	108.11	31.56	10.51	33.44	112	236	P	V
	*	5270	108.69	-	-	100.06	31.56	10.51	33.44	112	236	A	V
		5350.32	60.25	-13.75	74	51.7	31.4	10.6	33.45	112	236	P	V
		5350.08	51.43	-2.57	54	42.88	31.4	10.6	33.45	112	236	A	V
802.11ax HE40 Partial M CH 62 5310MHz		5144.84	50.56	-23.44	74	41.52	32.1	10.37	33.43	105	235	P	H
		5149.94	42.06	-11.94	54	33.02	32.1	10.37	33.43	105	235	P	H
	*	5310	113.66	-	-	105.06	31.48	10.56	33.44	105	235	A	H
	*	5310	105.78	-	-	97.18	31.48	10.56	33.44	105	235	P	H
		5355.12	60.56	-13.44	74	51.98	31.43	10.6	33.45	105	235	A	H
		5351.28	52.29	-1.71	54	43.73	31.41	10.6	33.45	105	235	P	H
		5124.44	50.06	-23.94	74	41.05	32.1	10.34	33.43	100	257	A	V
		5146.88	41.42	-12.58	54	32.38	32.1	10.37	33.43	100	257	P	V
	*	5310	111.81	-	-	103.21	31.48	10.56	33.44	100	257	A	V
	*	5310	103.02	-	-	94.42	31.48	10.56	33.44	100	257	P	V
		5351.76	61.19	-12.81	74	52.63	31.41	10.6	33.45	100	257	A	V
		5352	52.15	-1.85	54	43.59	31.41	10.6	33.45	100	257	P	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 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		10540	58.93	-9.27	68.2	63.11	39.86	16.91	60.95	100	297	P	H
		13380	45.29	-28.71	74	49.32	40	19.05	63.08	-	-	P	H
		14491	45.25	-28.75	74	47.06	41.3	19.9	63.01	-	-	P	H
		15810	63.9	-10.1	74	67.21	37.69	20.96	61.96	300	195	P	H
		15810	48.85	-5.15	54	52.16	37.69	20.96	61.96	300	195	A	H
		17978	52.3	-21.7	74	39.7	46.45	22.8	56.65	-	-	P	H
		17978	42.73	-11.27	54	30.13	46.45	22.8	56.65	-	-	-	H
													H
													H
													H
802.11ax HE40 Partial M CH 54 5270MHz													H
													H
		10540	54.59	-13.61	68.2	58.77	39.86	16.91	60.95	266	316	P	V
		13347	45.75	-28.25	74	49.95	39.83	19.04	63.07	-	-	P	V
		14491	46.17	-27.83	74	47.98	41.3	19.9	63.01	-	-	P	V
		15810	61.75	-12.25	74	65.06	37.69	20.96	61.96	200	305	P	V
		15810	46.52	-7.48	54	49.83	37.69	20.96	61.96	200	305	A	V
		17989	52.88	-21.12	74	40.08	46.62	22.81	56.63	-	-	P	V
		17989	42.95	-11.05	54	30.15	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 HE40 Partial M CH 62 5310MHz		10620	46.51	-27.49	74	50.76	39.82	16.97	61.04	-	-	P	H
		13325	46.49	-27.51	74	50.8	39.72	19.03	63.06	-	-	P	H
		14491	45.65	-28.35	74	47.46	41.3	19.9	63.01	-	-	P	H
		15930	42.65	-31.35	74	45.72	37.57	21.03	61.67	-	-	P	H
		17978	51.22	-22.78	74	38.62	46.45	22.8	56.65	-	-	P	H
		17978	42.92	-11.08	54	30.32	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
													H
		10620	44.88	-29.12	74	49.13	39.82	16.97	61.04	-	-	P	V
		13347	45.55	-28.45	74	49.75	39.83	19.04	63.07	-	-	P	V
		14491	45.84	-28.16	74	47.65	41.3	19.9	63.01	-	-	P	V
		15930	42.63	-31.37	74	45.7	37.57	21.03	61.67	-	-	P	V
		17989	52.01	-21.99	74	39.21	46.62	22.81	56.63	-	-	P	V
		17989	43.06	-10.94	54	30.26	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 54 5270MHz		5148.58	51.11	-22.89	74	42.07	32.1	10.37	33.43	100	297	P	H
		5148.58	42.44	-11.56	54	33.4	32.1	10.37	33.43	100	297	A	H
	*	5270	118.53	-	-	109.9	31.56	10.51	33.44	100	297	P	H
	*	5270	110.91	-	-	102.28	31.56	10.51	33.44	100	297	A	H
		5350.08	59.42	-14.58	74	50.87	31.4	10.6	33.45	100	297	P	H
		5350.56	45.81	-8.19	54	37.26	31.4	10.6	33.45	100	297	A	H
		5022.44	50.03	-23.97	74	41.66	31.59	10.2	33.42	100	242	P	V
		5149.6	41.93	-12.07	54	32.89	32.1	10.37	33.43	100	242	A	V
	*	5270	110.24	-	-	101.61	31.56	10.51	33.44	100	242	P	V
	*	5270	110.24	-	-	101.61	31.56	10.51	33.44	100	242	A	V
		5368.08	60.27	-13.73	74	51.59	31.51	10.62	33.45	100	242	P	V
		5352.24	43.5	-10.5	54	34.94	31.41	10.6	33.45	100	242	A	V
802.11ax HE40 Partial BE CH 62 5310MHz		5139.74	52.31	-21.69	74	43.28	32.1	10.36	33.43	100	242	P	H
		5148.58	43.45	-10.55	54	34.41	32.1	10.37	33.43	100	242	P	H
	*	5310	116.38	-	-	107.79	31.48	10.55	33.44	100	242	A	H
	*	5310	107.47	-	-	98.88	31.48	10.55	33.44	100	242	P	H
		5350.32	55.2	-18.8	74	46.65	31.4	10.6	33.45	100	242	A	H
		5350.32	52.43	-1.57	54	43.88	31.4	10.6	33.45	100	242	P	H
		5134.64	50.95	-23.05	74	41.93	32.1	10.35	33.43	100	218	A	V
		5149.26	41.93	-12.07	54	32.89	32.1	10.37	33.43	100	218	P	V
	*	5310	112.04	-	-	103.44	31.48	10.56	33.44	100	218	A	V
	*	5310	103.8	-	-	95.2	31.48	10.56	33.44	100	218	P	V
		5351.04	52.52	-21.48	74	43.96	31.41	10.6	33.45	100	218	A	V
		5350.08	48.8	-5.2	54	40.25	31.4	10.6	33.45	100	218	P	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		10540	61.13	-7.07	68.2	65.31	39.86	16.91	60.95	100	297	P	H
		13380	44.85	-29.15	74	48.88	40	19.05	63.08	-	-	P	H
		14491	45.48	-28.52	74	47.29	41.3	19.9	63.01	-	-	P	H
		15810	64.16	-9.84	74	67.47	37.69	20.96	61.96	300	195	P	H
		15810	52.42	-1.58	54	55.73	37.69	20.96	61.96	300	195	A	H
		17978	51.66	-22.34	74	39.06	46.45	22.8	56.65	-	-	P	H
		17978	42.9	-11.1	54	30.3	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE40 Partial BE CH 54 5270MHz													H
													H
		10540	60.26	-7.94	68.2	64.44	39.86	16.91	60.95	253	331	P	V
		13369	45.75	-28.25	74	49.84	39.94	19.04	63.07	-	-	P	V
		14491	44.96	-29.04	74	46.77	41.3	19.9	63.01	-	-	P	V
		15810	62.83	-11.17	74	66.14	37.69	20.96	61.96	208	300	P	V
		15810	49.96	-4.04	54	53.27	37.69	20.96	61.96	208	300	A	V
		17978	51.26	-22.74	74	38.66	46.45	22.8	56.65	-	-	P	V
		17978	42.92	-11.08	54	30.32	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 62 5310MHz		10620	49.44	-24.56	74	53.69	39.82	16.97	61.04	157	206	P	H
		10620	37.95	-16.05	54	42.2	39.82	16.97	61.04	157	206	A	H
		13358	45.19	-28.81	74	49.33	39.89	19.04	63.07	-	-	P	H
		14491	45.2	-28.8	74	47.01	41.3	19.9	63.01	-	-	P	H
		15930	56.38	-17.62	74	59.45	37.57	21.03	61.67	300	193	P	H
		15930	39.97	-14.03	54	43.04	37.57	21.03	61.67	300	193	A	H
		17978	52.06	-21.94	74	39.46	46.45	22.8	56.65	-	-	P	H
		17978	42.74	-11.26	54	30.14	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
		10620	46.46	-27.54	74	50.71	39.82	16.97	61.04	-	-	P	V
		13347	45.6	-28.4	74	49.8	39.83	19.04	63.07	-	-	P	V
		14491	45.83	-28.17	74	47.64	41.3	19.9	63.01	-	-	P	V
		15930	46.72	-27.28	74	49.79	37.57	21.03	61.67	-	-	P	V
		17967	51.87	-22.13	74	39.49	46.27	22.79	56.68	-	-	P	V
		17967	42.9	-11.1	54	30.52	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Full CH 58 5290MHz		5057.6	52.1	-21.9	74	42.41	32.86	10.25	33.42	100	258	P	H
		5146.4	41.87	-12.13	54	32.01	32.92	10.37	33.43	100	258	A	H
	*	5290	107.74	-	-	97.67	32.98	10.53	33.44	100	258	P	H
	*	5290	99.75	-	-	89.68	32.98	10.53	33.44	100	258	A	H
		5356.32	59.42	-14.58	74	49.46	32.81	10.6	33.45	100	258	P	H
		5357.76	52.74	-1.26	54	42.76	32.82	10.61	33.45	100	258	A	H
		5107.4	51.44	-22.56	74	41.4	33.16	10.31	33.43	250	247	P	V
		5089.4	41.66	-12.34	54	31.68	33.12	10.29	33.43	250	247	A	V
	*	5290	106.08	-	-	96.01	32.98	10.53	33.44	250	247	P	V
	*	5290	98.12	-	-	88.05	32.98	10.53	33.44	250	247	A	V
		5350.8	56.79	-17.21	74	46.84	32.8	10.6	33.45	250	247	P	V
		5352.48	49.22	-4.78	54	39.27	32.8	10.6	33.45	250	247	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		10580	47.07	-21.13	68.2	51.31	39.82	16.94	61	-	-	P	H
		13281	46.52	-27.48	74	50.98	39.58	19.02	63.06	-	-	P	H
		14491	46.5	-27.5	74	48.31	41.3	19.9	63.01	-	-	P	H
		15870	43.99	-30.01	74	47.17	37.63	21	61.81	-	-	P	H
		17989	53.69	-20.31	74	40.89	46.62	22.81	56.63	-	-	P	H
		17989	43.3	-10.7	54	30.5	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	45.25	-22.95	68.2	49.49	39.82	16.94	61	-	-	P	V
5290MHz		13391	46.4	-27.6	74	50.37	40.06	19.05	63.08	-	-	P	V
		14491	46.72	-27.28	74	48.53	41.3	19.9	63.01	-	-	P	V
		15870	44.83	-29.17	74	48.01	37.63	21	61.81	-	-	P	V
		17967	53.46	-20.54	74	41.08	46.27	22.79	56.68	-	-	P	V
		17967	43.45	-10.55	54	31.07	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial M CH 58 5290MHz		5020.4	49.29	-24.71	74	40.93	31.58	10.2	33.42	217	106	P	H
		5147.56	43	-11	54	33.96	32.1	10.37	33.43	217	106	A	H
	*	5290	107.51	-	-	98.9	31.52	10.53	33.44	217	106	P	H
	*	5290	99.75	-	-	91.14	31.52	10.53	33.44	217	106	A	H
		5366.88	62.93	-11.07	74	54.26	31.5	10.62	33.45	217	106	P	H
		5382.48	52.65	-1.35	54	43.88	31.59	10.63	33.45	217	106	A	H
		5102.68	49.08	-24.92	74	40.1	32.1	10.31	33.43	100	118	P	V
		5149.94	42.17	-11.83	54	33.13	32.1	10.37	33.43	100	118	A	V
	*	5290	104.81	-	-	96.2	31.52	10.53	33.44	100	118	P	V
	*	5290	97.45	-	-	88.84	31.52	10.53	33.44	100	118	A	V
		5379.6	56.67	-17.33	74	47.91	31.58	10.63	33.45	100	118	P	V
		5379.12	49.38	-4.62	54	40.63	31.57	10.63	33.45	100	118	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 HE80 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial M CH 58 5290MHz		10580	43.22	-24.98	68.2	47.46	39.82	16.94	61	-	-	P	H
		13369	45.52	-28.48	74	49.61	39.94	19.04	63.07	-	-	P	H
		14491	45.54	-28.46	74	47.35	41.3	19.9	63.01	-	-	P	H
		15870	43.34	-30.66	74	46.52	37.63	21	61.81	-	-	P	H
		17967	50.86	-23.14	74	38.48	46.27	22.79	56.68	-	-	P	H
		17967	42.64	-11.36	54	30.26	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
													H
													H
													H
		10580	43.27	-24.93	68.2	47.51	39.82	16.94	61	-	-	P	V
		13325	45.48	-28.52	74	49.79	39.72	19.03	63.06	-	-	P	V
		14491	46.22	-27.78	74	48.03	41.3	19.9	63.01	-	-	P	V
		15870	43.49	-30.51	74	46.67	37.63	21	61.81	-	-	P	V
		17956	52.05	-21.95	74	39.89	46.1	22.77	56.71	-	-	P	V
		17956	42.62	-11.38	54	30.46	46.1	22.77	56.71	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 58 5290MHz		5087.04	51.49	-22.51	74	42.63	32	10.29	33.43	100	241	P	H
		5149.94	42.7	-11.3	54	33.66	32.1	10.37	33.43	100	241	A	H
	*	5290	111.38	-	-	102.77	31.52	10.53	33.44	100	241	P	H
	*	5290	103.25	-	-	94.64	31.52	10.53	33.44	100	241	A	H
		5353.44	57.76	-16.24	74	49.19	31.42	10.6	33.45	100	241	P	H
		5357.04	52.11	-1.89	54	43.52	31.44	10.6	33.45	100	241	A	H
		5112.54	50.86	-23.14	74	41.87	32.1	10.32	33.43	100	243	P	V
		5146.2	41.96	-12.04	54	32.92	32.1	10.37	33.43	100	243	A	V
	*	5290	108.73	-	-	100.12	31.52	10.53	33.44	100	243	P	V
	*	5290	101.2	-	-	92.59	31.52	10.53	33.44	100	243	A	V
		5358.72	66.45	-7.55	74	57.84	31.45	10.61	33.45	100	243	P	V
		5352	49.55	-4.45	54	40.99	31.41	10.6	33.45	100	243	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 HE80 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 58 5290MHz		10580	47.77	-20.43	68.2	52.01	39.82	16.94	61	-	-	P	H
		13380	45.16	-28.84	74	49.19	40	19.05	63.08	-	-	P	H
		14491	45.52	-28.48	74	47.33	41.3	19.9	63.01	-	-	P	H
		15870	42.74	-31.26	74	45.92	37.63	21	61.81	-	-	P	H
		17967	51.21	-22.79	74	38.83	46.27	22.79	56.68	-	-	P	H
		17967	42.79	-11.21	54	30.41	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
													H
													H
													H
		10580	44.16	-24.04	68.2	48.4	39.82	16.94	61	-	-	P	V
		13336	45.28	-28.72	74	49.54	39.78	19.03	63.07	-	-	P	V
		14491	46.06	-27.94	74	47.87	41.3	19.9	63.01	-	-	P	V
		15870	43.36	-30.64	74	46.54	37.63	21	61.81	-	-	P	V
		17978	52.18	-21.82	74	39.58	46.45	22.8	56.65	-	-	P	V
		17978	43.01	-10.99	54	30.41	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 100 5500MHz		5401.36	54.98	-19.02	74	44.88	32.9	10.65	33.45	100	302	P	H
		5469.84	55.41	-12.79	68.2	45.35	32.86	10.66	33.46	100	302	P	H
		5402.48	45.46	-8.54	54	35.36	32.9	10.65	33.45	100	302	A	H
	*	5500	117.71	-	-	107.71	32.8	10.66	33.46	100	302	P	H
	*	5500	110.91	-	-	100.91	32.8	10.66	33.46	100	302	A	H
													H
		5411.12	53.13	-20.87	74	43.03	32.9	10.65	33.45	100	239	P	V
		5469.36	56.25	-11.95	68.2	46.19	32.86	10.66	33.46	100	239	P	V
		5411.12	44.53	-9.47	54	34.43	32.9	10.65	33.45	100	239	A	V
	*	5500	115.9	-	-	105.9	32.8	10.66	33.46	100	239	P	V
	*	5500	109.21	-	-	99.21	32.8	10.66	33.46	100	239	A	V
													V
802.11a CH 116 5580MHz		5387.68	52.77	-21.23	74	42.7	32.88	10.64	33.45	100	241	P	H
		5468.32	52.1	-16.1	68.2	42.04	32.86	10.66	33.46	100	241	P	H
		5457.52	44.41	-9.59	54	34.33	32.88	10.66	33.46	100	241	A	H
	*	5580	120.76	-	-	110.52	33.04	10.68	33.48	100	241	P	H
	*	5580	114.15	-	-	103.91	33.04	10.68	33.48	100	241	A	H
		5752.715	53.07	-15.13	68.2	42.13	33.61	10.86	33.53	100	241	P	H
		5399.68	50.96	-23.04	74	40.86	32.9	10.65	33.45	100	245	P	V
		5469.76	51.91	-16.29	68.2	41.85	32.86	10.66	33.46	100	245	P	V
		5380.96	43.27	-10.73	54	33.23	32.86	10.63	33.45	100	245	A	V
	*	5580	120.95	-	-	110.71	33.04	10.68	33.48	100	245	P	V
	*	5580	113.64	-	-	103.4	33.04	10.68	33.48	100	245	A	V
		5754.92	53.66	-14.54	68.2	42.72	33.61	10.86	33.53	100	245	P	V

802.11a CH 140 5700MHz	*	5700	118.28	-	-	107.69	33.3	10.8	33.51	100	241	P	H
	*	5700	111.36	-	-	100.77	33.3	10.8	33.51	100	241	A	H
		5725.08	64.65	-3.55	68.2	53.9	33.45	10.82	33.52	100	241	P	H
													H
													H
													H
	*	5700	115.54	-	-	104.95	33.3	10.8	33.51	100	245	P	V
	*	5700	108.39	-	-	97.8	33.3	10.8	33.51	100	245	A	V
		5727.4	54.97	-13.23	68.2	44.2	33.46	10.83	33.52	100	245	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. 1+2+3+4	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)
		11000	61.98	-12.02	74	65.91	40.3	17.27	61.5	100	287	P	H
		11000	52.3	-1.7	54	56.23	40.3	17.27	61.5	100	287	A	H
		13380	45.91	-28.09	74	49.94	40	19.05	63.08	-	-	P	H
		14491	47.56	-26.44	74	49.37	41.3	19.9	63.01	-	-	P	H
		16500	45.06	-23.14	68.2	45.04	39.1	21.42	60.5	-	-	P	H
		17956	54.16	-19.84	74	42	46.1	22.77	56.71	-	-	P	H
		17956	43.63	-10.37	54	31.47	46.1	22.77	56.71	-	-	A	H
													H
													H
													H
													H
802.11a CH 100 5500MHz													H
		11000	57.07	-16.93	74	61	40.3	17.27	61.5	100	240	P	V
		11000	47.84	-6.16	54	51.77	40.3	17.27	61.5	100	240	A	V
		13391	46.2	-27.8	74	50.17	40.06	19.05	63.08	-	-	P	V
		14491	46.59	-27.41	74	48.4	41.3	19.9	63.01	-	-	P	V
		16500	45.07	-23.13	68.2	45.05	39.1	21.42	60.5	-	-	P	V
		17989	54.3	-19.7	74	41.5	46.62	22.81	56.63	-	-	P	V
		17989	44.4	-9.6	54	31.6	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11160	57.92	-16.08	74	62.57	39.62	17.42	61.69	100	289	P	H
		11160	52.84	-1.16	54	57.49	39.62	17.42	61.69	100	289	A	H
		13347	46.95	-27.05	74	51.29	39.69	19.04	63.07	-	-	P	H
		14491	47.97	-26.03	74	49.6	41.48	19.9	63.01	-	-	P	H
		16740	46.81	-21.39	68.2	45.42	39.62	21.6	59.83	-	-	P	H
		17967	54.4	-19.6	74	41.55	46.74	22.79	56.68	-	-	P	H
		17967	43.38	-10.62	54	30.53	46.74	22.79	56.68	-	-	A	H
													H
													H
													H
													H
802.11a													H
CH 116		11160	55.57	-18.43	74	60.88	38.96	17.42	61.69	100	239	P	V
5580MHz		11160	51.64	-2.36	54	56.95	38.96	17.42	61.69	100	239	A	V
		13391	46.88	-27.12	74	50.95	39.96	19.05	63.08	-	-	P	V
		14491	46.47	-27.53	74	49.18	40.4	19.9	63.01	-	-	P	V
		16735	49.17	-19.03	68.2	49.52	37.9	21.59	59.84	-	-	P	V
		17967	50.32	-23.68	74	41.47	42.74	22.79	56.68	-	-	P	V
		17967	39.48	-14.52	54	30.63	42.74	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11400	62.21	-11.79	74	66.64	39.9	17.65	61.98	100	298	P	H
		11400	51.81	-2.19	54	56.24	39.9	17.65	61.98	100	298	A	H
		13347	46.05	-27.95	74	50.25	39.83	19.04	63.07	-	-	P	H
		14491	47.96	-26.04	74	49.77	41.3	19.9	63.01	-	-	P	H
		17100	47.59	-20.61	68.2	44.25	40.3	21.88	58.84	-	-	P	H
		17989	53.33	-20.67	74	40.53	46.62	22.81	56.63	-	-	P	H
		17989	43.87	-10.13	54	31.07	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
802.11a													H
CH 140		11400	58.12	-15.88	74	62.55	39.9	17.65	61.98	100	247	P	V
5700MHz		11400	48.79	-5.21	54	53.22	39.9	17.65	61.98	100	247	A	V
		13380	46.54	-27.46	74	50.57	40	19.05	63.08	-	-	P	V
		14491	46.76	-27.24	74	48.57	41.3	19.9	63.01	-	-	P	V
		17100	47.78	-20.42	68.2	44.44	40.3	21.88	58.84	-	-	P	V
		17978	53.71	-20.29	74	41.11	46.45	22.8	56.65	-	-	P	V
		17978	44.01	-9.99	54	31.41	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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)
		5459.6	57.17	-16.83	74	47.09	32.88	10.66	33.46	100	246	P	H
		5462.64	60.57	-7.63	68.2	50.5	32.87	10.66	33.46	100	246	P	H
		5460	47.84	-6.16	54	37.76	32.88	10.66	33.46	100	246	A	H
	*	5500	121.18	-	-	111.18	32.8	10.66	33.46	100	246	P	H
802.11ax	*	5500	111.81	-	-	101.81	32.8	10.66	33.46	100	246	A	H
HE20 Full													H
CH 100		5455.76	54.22	-19.78	74	44.13	32.89	10.66	33.46	300	243	P	V
5500MHz		5464.24	59.47	-8.73	68.2	49.4	32.87	10.66	33.46	300	243	P	V
		5458.32	44.22	-9.78	54	34.14	32.88	10.66	33.46	300	243	A	V
	*	5500	116.02	-	-	106.02	32.8	10.66	33.46	300	243	P	V
	*	5500	107.85	-	-	97.85	32.8	10.66	33.46	300	243	A	V
													V
		5424.16	53.87	-20.13	74	43.77	32.9	10.65	33.45	100	251	P	H
		5469.52	51.72	-16.48	68.2	41.66	32.86	10.66	33.46	100	251	P	H
		5437.6	44.07	-9.93	54	33.97	32.9	10.66	33.46	100	251	A	H
	*	5580	124.49	-	-	114.25	33.04	10.68	33.48	100	251	P	H
802.11ax	*	5580	115.88	-	-	105.64	33.04	10.68	33.48	100	251	A	H
HE20 Full		5729.09	52.1	-16.1	68.2	41.32	33.47	10.83	33.52	100	251	P	H
CH 116		5446.48	52.85	-21.15	74	42.75	32.9	10.66	33.46	250	250	P	V
5580MHz		5468.8	52.05	-16.15	68.2	41.99	32.86	10.66	33.46	250	250	P	V
		5433.04	42.82	-11.18	54	32.72	32.9	10.65	33.45	250	250	A	V
	*	5580	121.21	-	-	110.97	33.04	10.68	33.48	250	250	P	V
	*	5580	112.64	-	-	102.4	33.04	10.68	33.48	250	250	A	V
		5762.48	51.79	-16.41	68.2	40.83	33.62	10.87	33.53	250	250	P	V

	*	5700	119.12	-	-	108.53	33.3	10.8	33.51	100	268	P	H
	*	5700	109.79	-	-	99.2	33.3	10.8	33.51	100	268	A	H
		5725.96	55.99	-12.21	68.2	45.23	33.46	10.82	33.52	100	268	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	117.4	-	-	106.81	33.3	10.8	33.51	238	248	P	V
5700MHz	*	5700	108.36	-	-	97.77	33.3	10.8	33.51	238	248	A	V
		5725.56	56.01	-12.19	68.2	45.26	33.45	10.82	33.52	238	248	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. 1+2+3+4	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)
		11000	60.91	-13.09	74	64.84	40.3	17.27	61.5	100	291	P	H
		11000	52.48	-1.52	54	56.41	40.3	17.27	61.5	100	291	A	H
		13369	46.72	-27.28	74	50.81	39.94	19.04	63.07	-	-	P	H
		14491	46.63	-27.37	74	48.44	41.3	19.9	63.01	-	-	P	H
		16500	45.3	-22.9	68.2	45.28	39.1	21.42	60.5	-	-	P	H
		18000	54.06	-19.94	74	41.04	46.8	22.82	56.6	-	-	P	H
		18000	44.18	-9.82	54	31.16	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	58.55	-15.45	74	62.48	40.3	17.27	61.5	100	250	P	V
5500MHz		11000	49.12	-4.88	54	53.05	40.3	17.27	61.5	100	250	A	V
		13336	46.5	-27.5	74	50.76	39.78	19.03	63.07	-	-	P	V
		14491	47.82	-26.18	74	49.63	41.3	19.9	63.01	-	-	P	V
		16500	44.88	-23.32	68.2	44.86	39.1	21.42	60.5	-	-	P	V
		17978	53.69	-20.31	74	41.09	46.45	22.8	56.65	-	-	P	V
		17978	43.54	-10.46	54	30.94	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11160	59.64	-14.36	74	64.19	39.72	17.42	61.69	100	298	P	H
		11160	49.72	-4.28	54	54.27	39.72	17.42	61.69	100	298	A	H
		13292	45.99	-28.01	74	50.44	39.59	19.02	63.06	-	-	P	H
		14491	46.59	-27.41	74	48.4	41.3	19.9	63.01	-	-	P	H
		16740	47.48	-20.72	68.2	46.01	39.7	21.6	59.83	-	-	P	H
		17967	53.93	-20.07	74	41.55	46.27	22.79	56.68	-	-	P	H
		17967	43.42	-10.58	54	31.04	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	58.3	-15.7	74	62.85	39.72	17.42	61.69	100	239	P	V
5580MHz		11160	49.51	-4.49	54	54.06	39.72	17.42	61.69	100	239	A	V
		13303	46.15	-27.85	74	50.58	39.61	19.02	63.06	-	-	P	V
		14491	46.12	-27.88	74	47.93	41.3	19.9	63.01	-	-	P	V
		16740	50.87	-17.33	68.2	49.4	39.7	21.6	59.83	-	-	P	V
		18000	53.85	-20.15	74	40.83	46.8	22.82	56.6	-	-	P	V
		18000	43.81	-10.19	54	30.79	46.8	22.82	56.6	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11400	61.78	-12.22	74	66.21	39.9	17.65	61.98	100	300	P	H
		11400	52.52	-1.48	54	56.95	39.9	17.65	61.98	100	300	A	H
		13391	45.77	-28.23	74	49.74	40.06	19.05	63.08	-	-	P	H
		14491	46.79	-27.21	74	48.6	41.3	19.9	63.01	-	-	P	H
		17100	47.04	-21.16	68.2	43.7	40.3	21.88	58.84	-	-	P	H
		17945	53.81	-20.19	74	41.86	45.92	22.76	56.73	-	-	P	H
		17945	43.05	-10.95	54	31.1	45.92	22.76	56.73	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	58.14	-15.86	74	62.57	39.9	17.65	61.98	100	247	P	V
5700MHz		11400	48.81	-5.19	54	53.24	39.9	17.65	61.98	100	247	A	V
		13380	46.05	-27.95	74	50.08	40	19.05	63.08	-	-	P	V
		14491	46.62	-27.38	74	48.43	41.3	19.9	63.01	-	-	P	V
		17100	47.08	-21.12	68.2	43.74	40.3	21.88	58.84	-	-	P	V
		17989	53.81	-20.19	74	41.01	46.62	22.81	56.63	-	-	P	V
		17989	43.88	-10.12	54	31.08	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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 Partial M CH 100 5260MHz		5396.56	50.66	-23.34	74	41.78	31.68	10.65	33.45	268	227	P	H
		5467.28	57.07	-11.13	68.2	47.87	32	10.66	33.46	268	227	P	H
		5458.96	41.34	-12.66	54	32.14	32	10.66	33.46	268	227	A	H
	*	5500	111.67	-	-	102.47	32	10.66	33.46	268	227	P	H
	*	5500	103.29	-	-	94.09	32	10.66	33.46	268	227	A	H
													H
		5459.6	52.81	-21.19	74	43.61	32	10.66	33.46	100	242	P	V
		5466.96	64.63	-3.57	68.2	55.43	32	10.66	33.46	100	242	P	V
		5459.6	42.03	-11.97	54	32.83	32	10.66	33.46	100	242	A	V
	*	5500	112.84	-	-	103.64	32	10.66	33.46	100	242	P	V
	*	5500	104.25	-	-	95.05	32	10.66	33.46	100	242	A	V
													V
802.11ax HE20 Partial M CH 116 5580MHz		5446.72	53.13	-20.87	74	43.95	31.98	10.66	33.46	100	293	P	H
		5467.84	54.36	-13.84	68.2	45.16	32	10.66	33.46	100	293	P	H
		5452.96	43.57	-10.43	54	34.37	32	10.66	33.46	100	293	A	H
	*	5580	120.58	-	-	111.38	32	10.68	33.48	100	293	P	H
	*	5580	114.11	-	-	104.91	32	10.68	33.48	100	293	A	H
		5732.24	51.12	-17.08	68.2	41.48	32.33	10.83	33.52	100	293	P	H
		5457.04	51.52	-22.48	74	42.32	32	10.66	33.46	250	235	P	V
		5466.16	52.55	-15.65	68.2	43.35	32	10.66	33.46	250	235	P	V
		5455.6	42.6	-11.4	54	33.4	32	10.66	33.46	250	235	A	V
	*	5580	118.67	-	-	109.47	32	10.68	33.48	250	235	P	V
	*	5580	112.86	-	-	103.66	32	10.68	33.48	250	235	A	V
		5725	52.18	-16.02	68.2	42.58	32.3	10.82	33.52	250	235	P	V

802.11ax HE20 Partial M CH 140 5700MHz	*	5700	114.45	-	-	104.96	32.2	10.8	33.51	100	301	P	H
	*	5700	106.96	-	-	97.47	32.2	10.8	33.51	100	301	A	H
		5728.28	64.52	-3.68	68.2	54.9	32.31	10.83	33.52	100	301	P	H
													H
													H
													H
	*	5700	113.36	-	-	103.87	32.2	10.8	33.51	100	300	P	V
	*	5700	103.32	-	-	93.83	32.2	10.8	33.51	100	300	A	V
		5725.56	58.52	-9.68	68.2	48.92	32.3	10.82	33.52	100	300	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 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11000	58.31	-15.69	74	62.24	40.3	17.27	61.5	100	296	P	H
		11000	48.44	-5.56	54	52.37	40.3	17.27	61.5	100	296	A	H
		13380	46.19	-27.81	74	50.22	40	19.05	63.08	-	-	P	H
		14491	45.27	-28.73	74	47.08	41.3	19.9	63.01	-	-	P	H
		16500	44.71	-23.49	68.2	44.69	39.1	21.42	60.5	-	-	P	H
		17978	52.11	-21.89	74	39.51	46.45	22.8	56.65	-	-	P	H
		17978	42.74	-11.26	54	30.14	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE20 Partial M CH 100 5500MHz													H
													H
		11000	47.16	-26.84	74	51.09	40.3	17.27	61.5	-	-	P	V
		13336	45.55	-28.45	74	49.81	39.78	19.03	63.07	-	-	P	V
		14491	45.93	-28.07	74	47.74	41.3	19.9	63.01	-	-	P	V
		16500	44.7	-23.5	68.2	44.68	39.1	21.42	60.5	-	-	P	V
		17967	53.21	-20.79	74	40.83	46.27	22.79	56.68	-	-	P	V
		17967	43.1	-10.9	54	30.72	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11160	58.45	-15.55	74	63	39.72	17.42	61.69	103	299	P	H
		11160	50.03	-3.97	54	54.58	39.72	17.42	61.69	103	299	A	H
		13336	45.31	-28.69	74	49.57	39.78	19.03	63.07	-	-	P	H
		14491	45.74	-28.26	74	47.55	41.3	19.9	63.01	-	-	P	H
		16740	48.39	-19.81	68.2	46.92	39.7	21.6	59.83	-	-	P	H
		17978	52.1	-21.9	74	39.5	46.45	22.8	56.65	-	-	P	H
		17978	42.85	-11.15	54	30.25	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE20 Partial M CH 116 5580MHz													H
													H
		11160	53.49	-20.51	74	58.04	39.72	17.42	61.69	290	202	P	V
		11160	44.41	-9.59	54	48.96	39.72	17.42	61.69	290	202	A	V
		13336	46.31	-27.69	74	50.57	39.78	19.03	63.07	-	-	P	V
		14491	45.92	-28.08	74	47.73	41.3	19.9	63.01	-	-	P	V
		16740	52.43	-15.77	68.2	50.96	39.7	21.6	59.83	201	294	P	V
		17978	51.53	-22.47	74	38.93	46.45	22.8	56.65	-	-	P	V
		17978	43	-11	54	30.4	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 Partial M CH 140 5700MHz		11400	58.06	-15.94	74	62.49	39.9	17.65	61.98	100	296	P	H
		11400	47.18	-6.82	54	51.61	39.9	17.65	61.98	100	296	A	H
		13391	45.92	-28.08	74	49.89	40.06	19.05	63.08	-	-	P	H
		14491	46.09	-27.91	74	47.9	41.3	19.9	63.01	-	-	P	H
		17100	47.46	-20.74	68.2	44.12	40.3	21.88	58.84	-	-	P	H
		17978	52.97	-21.03	74	40.37	46.45	22.8	56.65	-	-	P	H
		17978	42.8	-11.2	54	30.2	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		11400	49.87	-24.13	74	54.3	39.9	17.65	61.98	100	306	P	V
		11400	38.88	-15.12	54	43.31	39.9	17.65	61.98	100	306	A	V
		13325	46.64	-27.36	74	50.95	39.72	19.03	63.06	-	-	P	V
		14491	45.43	-28.57	74	47.24	41.3	19.9	63.01	-	-	P	V
		17100	45.64	-22.56	68.2	42.3	40.3	21.88	58.84	-	-	P	V
		17956	51.82	-22.18	74	39.66	46.1	22.77	56.71	-	-	P	V
		17956	42.28	-11.72	54	30.12	46.1	22.77	56.71	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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 Partial BE CH 100 5500MHz		5458.48	53.04	-20.96	74	43.84	32	10.66	33.46	100	255	P	H
		5468.32	51.74	-16.46	68.2	42.54	32	10.66	33.46	100	255	P	H
		5408.08	45.37	-8.63	54	36.42	31.75	10.65	33.45	100	255	A	H
	*	5500	120.15	-	-	110.95	32	10.66	33.46	100	255	P	H
	*	5500	110.22	-	-	101.02	32	10.66	33.46	100	255	A	H
													H
		5403.28	52.13	-21.87	74	43.21	31.72	10.65	33.45	100	243	P	V
		5466.16	52.7	-15.5	68.2	43.5	32	10.66	33.46	100	243	P	V
		5403.04	43.99	-10.01	54	35.07	31.72	10.65	33.45	100	243	A	V
	*	5500	118.26	-	-	109.06	32	10.66	33.46	100	243	P	V
	*	5500	109.79	-	-	100.59	32	10.66	33.46	100	243	A	V
													V
802.11ax HE20 Partial BE CH 116 5580MHz		5383.12	52.22	-21.78	74	43.44	31.6	10.63	33.45	103	208	P	H
		5468.08	50.49	-17.71	68.2	41.29	32	10.66	33.46	103	208	P	H
		5438.8	43.22	-10.78	54	34.09	31.93	10.66	33.46	103	208	A	H
	*	5580	121.04	-	-	111.84	32	10.68	33.48	103	208	P	H
	*	5580	114.13	-	-	104.93	32	10.68	33.48	103	208	A	H
		5724.995	52.15	-97.85	150	42.55	32.3	10.82	33.52	103	208	P	H
		5441.2	51.79	-22.21	74	42.64	31.95	10.66	33.46	108	213	P	V
		5460.64	50.49	-17.71	68.2	41.29	32	10.66	33.46	108	213	P	V
		5438.8	43.24	-10.76	54	34.11	31.93	10.66	33.46	108	213	A	V
	*	5580	121.91	-	-	112.71	32	10.68	33.48	108	213	P	V
	*	5580	114.3	-	-	105.1	32	10.68	33.48	108	213	A	V
		5740.745	51.51	-16.69	68.2	41.83	32.36	10.84	33.52	108	213	P	V

802.11ax HE20 Partial BE CH 140 5700MHz	*	5700	118.38	-	-	108.89	32.2	10.8	33.51	100	240	P	H
	*	5700	108.81	-	-	99.32	32.2	10.8	33.51	100	240	A	H
		5726.28	53.91	-14.29	68.2	44.29	32.31	10.83	33.52	100	240	P	H
													H
													H
													H
	*	5700	116.69	-	-	107.2	32.2	10.8	33.51	100	245	P	V
	*	5700	109.36	-	-	99.87	32.2	10.8	33.51	100	245	A	V
		5728.36	53.01	-15.19	68.2	43.39	32.31	10.83	33.52	100	245	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 Partial BE CH 100 5500MHz		11000	61.8	-12.2	74	65.73	40.3	17.27	61.5	100	297	P	H
		11000	52.84	-1.16	54	56.77	40.3	17.27	61.5	100	297	A	H
		13303	46.94	-27.06	74	51.37	39.61	19.02	63.06	-	-	P	H
		14491	45.84	-28.16	74	47.65	41.3	19.9	63.01	-	-	P	H
		16500	43.4	-24.8	68.2	43.38	39.1	21.42	60.5	-	-	P	H
		17934	51.76	-22.24	74	40.03	45.74	22.75	56.76	-	-	P	H
		17934	41.85	-12.15	54	30.12	45.74	22.75	56.76	-	-	A	H
													H
													H
													H
													H
													H
		11000	54.69	-19.31	74	58.62	40.3	17.27	61.5	219	282	P	V
		11000	46.69	-7.31	54	50.62	40.3	17.27	61.5	219	282	A	V
		13358	45.12	-28.88	74	49.26	39.89	19.04	63.07	-	-	P	V
		14491	45.56	-28.44	74	47.37	41.3	19.9	63.01	-	-	P	V
		16500	44.3	-23.9	68.2	44.28	39.1	21.42	60.5	-	-	P	V
		17967	52.54	-21.46	74	40.16	46.27	22.79	56.68	-	-	P	V
		17967	42.9	-11.1	54	30.52	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11160	59.86	-14.14	74	64.41	39.72	17.42	61.69	100	294	P	H
		11160	51.73	-2.27	54	56.28	39.72	17.42	61.69	100	294	A	H
		13336	45.38	-28.62	74	49.64	39.78	19.03	63.07	-	-	P	H
		14491	45.47	-28.53	74	47.28	41.3	19.9	63.01	-	-	P	H
		16740	46.95	-21.25	68.2	45.48	39.7	21.6	59.83	-	-	P	H
		17967	52.1	-21.9	74	39.72	46.27	22.79	56.68	-	-	P	H
		17967	42.53	-11.47	54	30.15	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax HE20 Partial BE CH 116 5580MHz													H
													H
		11160	56.29	-17.71	74	60.84	39.72	17.42	61.69	282	210	P	V
		11160	45.33	-8.67	54	49.88	39.72	17.42	61.69	282	210	A	V
		13391	45.45	-28.55	74	49.42	40.06	19.05	63.08	-	-	P	V
		14491	45.7	-28.3	74	47.51	41.3	19.9	63.01	-	-	P	V
		16740	48.32	-19.88	68.2	46.85	39.7	21.6	59.83	-	-	P	V
		17967	51.23	-22.77	74	38.85	46.27	22.79	56.68	-	-	P	V
		17967	42.59	-11.41	54	30.21	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

WIFI Ant. 1+2+3+4	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)
		11400	62.87	-11.13	74	67.3	39.9	17.65	61.98	100	296	P	H
		11400	52.45	-1.55	54	56.88	39.9	17.65	61.98	100	296	A	H
		13391	45.78	-28.22	74	49.75	40.06	19.05	63.08	-	-	P	H
		14491	45.85	-28.15	74	47.66	41.3	19.9	63.01	-	-	P	H
		17098	46.36	-21.84	68.2	43.03	40.3	21.88	58.85	-	-	P	H
		17967	51.95	-22.05	74	39.57	46.27	22.79	56.68	-	-	P	H
		17967	42.39	-11.61	54	30.01	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax HE20 Partial BE CH 140 5700MHz													H
													H
		11400	55.2	-18.8	74	59.63	39.9	17.65	61.98	327	282	P	V
		11400	43.19	-10.81	54	47.62	39.9	17.65	61.98	327	282	A	V
		13391	45.55	-28.45	74	49.52	40.06	19.05	63.08	-	-	P	V
		14491	45.47	-28.53	74	47.28	41.3	19.9	63.01	-	-	P	V
		17100	46.39	-21.81	68.2	43.05	40.3	21.88	58.84	-	-	P	V
		17978	51.93	-22.07	74	39.33	46.45	22.8	56.65	-	-	P	V
		17978	42.62	-11.38	54	30.02	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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)
		5458.48	58.73	-15.27	74	48.65	32.88	10.66	33.46	100	324	P	H
		5468.8	65.45	-2.75	68.2	55.39	32.86	10.66	33.46	100	324	P	H
		5449.36	46.42	-7.58	54	36.32	32.9	10.66	33.46	100	324	A	H
	*	5510	114.87	-	-	104.86	32.8	10.67	33.46	100	324	P	H
802.11ax	*	5510	106.73	-	-	96.72	32.8	10.67	33.46	100	324	A	H
HE40 Full		5733.185	52.84	-15.36	68.2	42.03	33.5	10.83	33.52	100	324	P	H
CH 102		5458.48	59.97	-14.03	74	49.89	32.88	10.66	33.46	100	243	P	V
5510MHz		5462.56	64.21	-3.99	68.2	54.14	32.87	10.66	33.46	100	243	P	V
		5459.92	50.78	-3.22	54	40.7	32.88	10.66	33.46	100	243	A	V
	*	5510	115.84	-	-	105.83	32.8	10.67	33.46	100	243	P	V
	*	5510	106.59	-	-	96.58	32.8	10.67	33.46	100	243	A	V
		5760.275	51.79	-16.41	68.2	40.84	33.62	10.86	33.53	100	243	P	V
		5449.36	61.55	-12.45	74	51.45	32.9	10.66	33.46	100	294	P	H
		5469.04	66.96	-1.24	68.2	56.9	32.86	10.66	33.46	100	294	P	H
		5457.76	50.5	-3.5	54	40.42	32.88	10.66	33.46	100	294	A	H
	*	5550	119.48	-	-	109.48	32.8	10.67	33.47	100	294	P	H
802.11ax	*	5550	109.9	-	-	99.9	32.8	10.67	33.47	100	294	A	H
HE40 Full		5764.055	52.23	-15.97	68.2	41.26	33.63	10.87	33.53	100	294	P	H
CH 110		5459.68	59.23	-14.77	74	49.15	32.88	10.66	33.46	100	239	P	V
5550MHz		5460.4	60.41	-7.79	68.2	50.33	32.88	10.66	33.46	100	239	P	V
		5459.92	52.68	-1.32	54	42.6	32.88	10.66	33.46	100	239	A	V
	*	5550	118.17	-	-	108.17	32.8	10.67	33.47	100	239	P	V
	*	5550	109.66	-	-	99.66	32.8	10.67	33.47	100	239	A	V
		5741.06	53.4	-14.8	68.2	42.53	33.55	10.84	33.52	100	239	P	V

		5367.15	51.45	-22.55	74	41.45	32.83	10.62	33.45	100	319	P	H
		5466.9	50.41	-17.79	68.2	40.34	32.87	10.66	33.46	100	319	P	H
		5375.9	42.73	-11.27	54	32.71	32.85	10.62	33.45	100	319	A	H
	*	5670	118.34	-	-	107.78	33.3	10.76	33.5	100	319	P	H
802.11ax	*	5670	108.87	-	-	98.31	33.3	10.76	33.5	100	319	A	H
HE40 Full		5729.65	66.27	-1.93	68.2	55.48	33.48	10.83	33.52	100	319	P	H
CH 134		5445.55	49.7	-24.3	74	39.6	32.9	10.66	33.46	100	299	P	V
5670MHz		5463.75	48.82	-19.38	68.2	38.75	32.87	10.66	33.46	100	299	P	V
		5455	41.58	-12.42	54	31.49	32.89	10.66	33.46	100	299	A	V
	*	5670	113.47	-	-	102.91	33.3	10.76	33.5	100	299	P	V
	*	5670	103.97	-	-	93.41	33.3	10.76	33.5	100	299	A	V
		5725	54.99	-13.21	68.2	44.24	33.45	10.82	33.52	100	299	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. 1+2+3+4	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)
		11020	59.63	-14.37	74	63.64	40.22	17.29	61.52	100	290	P	H
		11020	49.29	-4.71	54	53.3	40.22	17.29	61.52	100	290	A	H
		13314	46.35	-27.65	74	50.71	39.67	19.03	63.06	-	-	P	H
		14491	47.1	-26.9	74	48.91	41.3	19.9	63.01	-	-	P	H
		16530	45.29	-22.91	68.2	45.19	39.07	21.45	60.42	-	-	P	H
		17967	53.2	-20.8	74	40.82	46.27	22.79	56.68	-	-	P	H
		17967	43.1	-10.9	54	30.72	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	54.62	-19.38	74	58.63	40.22	17.29	61.52	100	238	P	V
5510MHz		11020	45.79	-8.21	54	49.8	40.22	17.29	61.52	100	238	A	V
		13303	45.97	-28.03	74	50.4	39.61	19.02	63.06	-	-	P	V
		14491	46.84	-27.16	74	48.65	41.3	19.9	63.01	-	-	P	V
		16530	45.2	-23	68.2	45.1	39.07	21.45	60.42	-	-	P	V
		17967	53.27	-20.73	74	40.89	46.27	22.79	56.68	-	-	P	V
		17967	43.45	-10.55	54	31.07	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11100	60.45	-13.55	74	64.81	39.9	17.36	61.62	100	290	P	H
		11100	50.63	-3.37	54	54.99	39.9	17.36	61.62	100	290	A	H
		13325	46.34	-27.66	74	50.65	39.72	19.03	63.06	-	-	P	H
		14491	47	-27	74	48.81	41.3	19.9	63.01	-	-	P	H
		16650	45.02	-23.18	68.2	44.32	39.25	21.53	60.08	-	-	P	H
		18000	53.28	-20.72	74	40.26	46.8	22.82	56.6	-	-	P	H
		18000	43.75	-10.25	54	30.73	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	56.91	-17.09	74	61.27	39.9	17.36	61.62	100	241	P	V
5550MHz		11100	48.29	-5.71	54	52.65	39.9	17.36	61.62	100	241	A	V
		13380	45.94	-28.06	74	49.97	40	19.05	63.08	-	-	P	V
		14491	47.07	-26.93	74	48.88	41.3	19.9	63.01	-	-	P	V
		16650	45.35	-22.85	68.2	44.65	39.25	21.53	60.08	-	-	P	V
		17956	53.4	-20.6	74	41.24	46.1	22.77	56.71	-	-	P	V
		17956	43.58	-10.42	54	31.42	46.1	22.77	56.71	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11350	56.5	-17.5	74	61.02	39.8	17.6	61.92	100	301	P	H
		11350	47.35	-6.65	54	51.87	39.8	17.6	61.92	100	301	A	H
		13281	45.94	-28.06	74	50.4	39.58	19.02	63.06	-	-	P	H
		14491	46.59	-27.41	74	48.4	41.3	19.9	63.01	-	-	P	H
		17025	47.19	-21.01	68.2	44.26	40.15	21.81	59.03	-	-	P	H
		17967	53.49	-20.51	74	41.11	46.27	22.79	56.68	-	-	P	H
		17967	42.82	-11.18	54	30.44	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11350	54.13	-19.87	74	58.65	39.8	17.6	61.92	100	250	P	V
5670MHz		11350	44.33	-9.67	54	48.85	39.8	17.6	61.92	100	250	A	V
		13380	45.9	-28.1	74	49.93	40	19.05	63.08	-	-	P	V
		14491	46.5	-27.5	74	48.31	41.3	19.9	63.01	-	-	P	V
		17025	46.59	-21.61	68.2	43.66	40.15	21.81	59.03	-	-	P	V
		17989	53.64	-20.36	74	40.84	46.62	22.81	56.63	-	-	P	V
		17989	43.91	-10.09	54	31.11	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial M CH 102 5510MHz		5457.04	61.57	-12.43	74	52.37	32	10.66	33.46	100	238	P	H
		5465.44	66.63	-1.57	68.2	57.43	32	10.66	33.46	100	238	P	H
		5459.92	49.58	-4.42	54	40.38	32	10.66	33.46	100	238	A	H
	*	5510	117.72	-	-	108.51	32	10.67	33.46	100	238	P	H
	*	5510	110.54	-	-	101.33	32	10.67	33.46	100	238	A	H
		5743.895	53.41	-14.79	68.2	43.7	32.38	10.85	33.52	100	238	P	H
		5453.68	61.79	-12.21	74	52.59	32	10.66	33.46	100	262	P	V
		5463.04	66.8	-1.4	68.2	57.6	32	10.66	33.46	100	262	P	V
		5459.92	49.28	-4.72	54	40.08	32	10.66	33.46	100	262	A	V
	*	5510	114.7	-	-	105.49	32	10.67	33.46	100	262	P	V
	*	5510	106	-	-	96.79	32	10.67	33.46	100	262	A	V
		5748.305	52.82	-15.38	68.2	43.1	32.39	10.85	33.52	100	262	P	V
802.11ax HE40 Partial M CH 110 5550MHz		5452	61.34	-12.66	74	52.14	32	10.66	33.46	100	249	P	H
		5465.92	66.56	-1.64	68.2	57.36	32	10.66	33.46	100	249	P	H
		5459.68	48.35	-5.65	54	39.15	32	10.66	33.46	100	249	A	H
	*	5550	119.03	-	-	109.83	32	10.67	33.47	100	249	P	H
	*	5550	113.15	-	-	103.95	32	10.67	33.47	100	249	A	H
		5752.085	53.37	-14.83	68.2	43.65	32.4	10.85	33.53	100	249	P	H
		5446	57.79	-16.21	74	48.61	31.98	10.66	33.46	100	234	P	V
		5467.6	59.12	-9.08	68.2	49.92	32	10.66	33.46	100	234	P	V
		5459.92	46.13	-7.87	54	36.93	32	10.66	33.46	100	234	A	V
	*	5550	120.23	-	-	111.03	32	10.67	33.47	100	234	P	V
	*	5550	113.32	-	-	104.12	32	10.67	33.47	100	234	A	V
		5733.185	52.94	-15.26	68.2	43.3	32.33	10.83	33.52	100	234	P	V

802.11ax HE40 Partial M CH 134 5670MHz		5448.7	51.75	-22.25	74	42.56	31.99	10.66	33.46	100	236	P	H
		5462.7	50.26	-17.94	68.2	41.06	32	10.66	33.46	100	236	P	H
		5376.25	42.48	-11.52	54	33.74	31.56	10.63	33.45	100	236	A	H
	*	5670	113.91	-	-	104.47	32.17	10.78	33.51	100	236	P	H
	*	5670	105.97	-	-	96.53	32.17	10.78	33.51	100	236	A	H
		5740.675	65.98	-2.22	68.2	56.3	32.36	10.84	33.52	100	236	P	H
		5390.95	51.85	-22.15	74	43.01	31.65	10.64	33.45	101	246	P	V
		5468.3	49.37	-18.83	68.2	40.17	32	10.66	33.46	101	246	P	V
		5448.35	41.82	-12.18	54	32.63	31.99	10.66	33.46	101	246	A	V
	*	5670	111.76	-	-	102.41	32.11	10.74	33.5	101	246	P	V
	*	5670	103.29	-	-	93.94	32.11	10.74	33.5	101	246	A	V
		5725	60.66	-7.54	68.2	51.06	32.3	10.82	33.52	101	246	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 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11020	61.91	-12.09	74	65.92	40.22	17.29	61.52	100	294	P	H
		11020	50.91	-3.09	54	54.92	40.22	17.29	61.52	100	294	A	H
		13380	45.13	-28.87	74	49.16	40	19.05	63.08	-	-	P	H
		14491	46.9	-27.1	74	48.71	41.3	19.9	63.01	-	-	P	H
		16530	43.85	-24.35	68.2	43.75	39.07	21.45	60.42	-	-	P	H
		17978	52.22	-21.78	74	39.62	46.45	22.8	56.65	-	-	P	H
		17978	42.69	-11.31	54	30.09	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE40 Partial M CH 102 5510MHz													H
													H
		11020	53.32	-20.68	74	57.33	40.22	17.29	61.52	345	314	P	V
		11020	44.62	-9.38	54	48.63	40.22	17.29	61.52	345	314	A	V
		13325	45.36	-28.64	74	49.67	39.72	19.03	63.06	-	-	P	V
		14491	45.16	-28.84	74	46.97	41.3	19.9	63.01	-	-	P	V
		16530	43.95	-24.25	68.2	43.85	39.07	21.45	60.42	-	-	P	V
		17967	51.54	-22.46	74	39.16	46.27	22.79	56.68	-	-	P	V
		17967	42.39	-11.61	54	30.01	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11100	60.43	-13.57	74	64.79	39.9	17.36	61.62	100	283	P	H
		11100	51.86	-2.14	54	56.22	39.9	17.36	61.62	100	283	A	H
		13380	46.28	-27.72	74	50.31	40	19.05	63.08	-	-	P	H
		14491	47.05	-26.95	74	48.86	41.3	19.9	63.01	-	-	P	H
		16650	45.11	-23.09	68.2	44.41	39.25	21.53	60.08	-	-	P	H
		17978	52.8	-21.2	74	40.2	46.45	22.8	56.65	-	-	P	H
		17978	42.72	-11.28	54	30.12	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE40 Partial M CH 110 5550MHz													H
													H
		11100	55.98	-18.02	74	60.34	39.9	17.36	61.62	100	241	P	V
		11100	48.55	-5.45	54	52.91	39.9	17.36	61.62	100	241	A	V
		13380	45.82	-28.18	74	49.85	40	19.05	63.08	-	-	P	V
		14491	47.22	-26.78	74	49.03	41.3	19.9	63.01	-	-	P	V
		16650	44.81	-23.39	68.2	44.11	39.25	21.53	60.08	-	-	P	V
		17978	53.37	-20.63	74	40.77	46.45	22.8	56.65	-	-	P	V
		17978	43.67	-10.33	54	31.07	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11340	54.47	-19.53	74	59.01	39.78	17.59	61.91	100	297	P	H
		11340	44.73	-9.27	54	49.27	39.78	17.59	61.91	100	297	A	H
		13270	47.6	-26.4	74	52.06	39.57	19.02	63.05	-	-	P	H
		14491	46.38	-27.62	74	48.19	41.3	19.9	63.01	-	-	P	H
		17010	46.93	-21.27	68.2	44.09	40.12	21.79	59.07	-	-	P	H
		17978	53.1	-20.9	74	40.5	46.45	22.8	56.65	-	-	P	H
		17978	43.53	-10.47	54	30.93	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax HE40 Partial M CH 134 5670MHz													H
													H
		11340	47.25	-26.75	74	51.79	39.78	17.59	61.91	-	-	P	V
		13281	45.66	-28.34	74	50.12	39.58	19.02	63.06	-	-	P	V
		14491	47	-27	74	48.81	41.3	19.9	63.01	-	-	P	V
		17010	47.99	-20.21	68.2	45.15	40.12	21.79	59.07	-	-	P	V
		17989	53.63	-20.37	74	40.83	46.62	22.81	56.63	-	-	P	V
		17989	43.81	-10.19	54	31.01	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 102 5510MHz		5457.28	58.07	-15.93	74	48.87	32	10.66	33.46	100	251	P	H
		5467.12	61.26	-6.94	68.2	52.06	32	10.66	33.46	100	251	P	H
		5456.32	51.03	-2.97	54	41.83	32	10.66	33.46	100	251	A	H
	*	5510	116.96	-	-	107.75	32	10.67	33.46	100	251	P	H
	*	5510	109.28	-	-	100.07	32	10.67	33.46	100	251	A	H
		5744.525	51.5	-16.7	68.2	41.79	32.38	10.85	33.52	100	251	P	H
		5445.28	66.88	-7.12	74	57.71	31.97	10.66	33.46	100	240	P	V
		5469.76	62.07	-6.13	68.2	52.87	32	10.66	33.46	100	240	P	V
		5444.8	47.43	-6.57	54	38.26	31.97	10.66	33.46	100	240	A	V
	*	5510	116.68	-	-	107.47	32	10.67	33.46	100	240	P	V
	*	5510	109.05	-	-	99.84	32	10.67	33.46	100	240	A	V
		5745.785	51.5	-16.7	68.2	41.79	32.38	10.85	33.52	100	240	P	V
802.11ax HE40 Partial BE CH 110 5550MHz		5451.76	56.89	-17.11	74	47.69	32	10.66	33.46	100	244	P	H
		5467.84	57.95	-10.25	68.2	48.75	32	10.66	33.46	100	244	P	H
		5455.84	47.98	-6.02	54	38.78	32	10.66	33.46	100	244	A	H
	*	5550	122.47	-	-	113.27	32	10.67	33.47	100	244	P	H
	*	5550	114.54	-	-	105.34	32	10.67	33.47	100	244	A	H
		5739.485	54.11	-14.09	68.2	44.43	32.36	10.84	33.52	100	244	P	H
		5419.6	53.06	-20.94	74	44.04	31.82	10.65	33.45	100	311	P	V
		5468.56	51.21	-16.99	68.2	42.01	32	10.66	33.46	100	311	P	V
		5458.72	43.88	-10.12	54	34.68	32	10.66	33.46	100	311	A	V
	*	5550	120.36	-	-	111.16	32	10.67	33.47	100	311	P	V
	*	5550	112.44	-	-	103.24	32	10.67	33.47	100	311	A	V
		5751.455	51.56	-16.64	68.2	41.84	32.4	10.85	33.53	100	311	P	V

802.11ax HE40 Partial BE CH 134 5670MHz		5406.35	53.19	-20.81	74	44.25	31.74	10.65	33.45	102	256	P	H
		5467.6	51.7	-16.5	68.2	42.5	32	10.66	33.46	102	256	P	H
		5424.2	43.64	-10.36	54	34.59	31.85	10.65	33.45	102	256	A	H
	*	5670	116.91	-	-	107.51	32.14	10.76	33.5	102	256	P	H
	*	5670	109.45	-	-	100.05	32.14	10.76	33.5	102	256	A	H
		5729.475	65.96	-2.24	68.2	56.33	32.32	10.83	33.52	102	256	P	H
		5423.85	50.65	-23.35	74	41.61	31.84	10.65	33.45	100	258	P	V
		5468.65	50.53	-17.67	68.2	41.33	32	10.66	33.46	100	258	P	V
		5375.9	42.48	-11.52	54	33.75	31.56	10.62	33.45	100	258	A	V
	*	5670	116.61	-	-	107.19	32.16	10.77	33.51	100	258	P	V
	*	5670	109.35	-	-	99.93	32.16	10.77	33.51	100	258	A	V
		5739.45	65.79	-2.41	68.2	56.11	32.36	10.84	33.52	100	258	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 102 5510MHz		11020	60.78	-13.22	74	64.79	40.22	17.29	61.52	100	286	P	H
		11020	52.82	-1.18	54	56.83	40.22	17.29	61.52	100	286	A	H
		13380	45.27	-28.73	74	49.3	40	19.05	63.08	-	-	P	H
		14491	46.14	-27.86	74	47.95	41.3	19.9	63.01	-	-	P	H
		16530	44.91	-23.29	68.2	44.81	39.07	21.45	60.42	-	-	P	H
		17956	52.16	-21.84	74	40	46.1	22.77	56.71	-	-	P	H
		17956	42.2	-11.8	54	30.04	46.1	22.77	56.71	-	-	A	H
													H
													H
													H
													H
													H
		11020	47.97	-26.03	74	51.98	40.22	17.29	61.52	-	-	P	V
		13347	44.93	-29.07	74	49.13	39.83	19.04	63.07	-	-	P	V
		14491	45.5	-28.5	74	47.31	41.3	19.9	63.01	-	-	P	V
		16530	43.74	-24.46	68.2	43.64	39.07	21.45	60.42	-	-	P	V
		17956	51.72	-22.28	74	39.56	46.1	22.77	56.71	-	-	P	V
		17956	42.19	-11.81	54	30.03	46.1	22.77	56.71	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11100	60.26	-13.74	74	64.62	39.9	17.36	61.62	100	285	P	H
		11100	52.15	-1.85	54	56.51	39.9	17.36	61.62	100	285	A	H
		13358	46.19	-27.81	74	50.33	39.89	19.04	63.07	-	-	P	H
		14491	45.93	-28.07	74	47.74	41.3	19.9	63.01	-	-	P	H
		16650	45.52	-22.68	68.2	44.82	39.25	21.53	60.08	-	-	P	H
		17989	53.91	-20.09	74	41.11	46.62	22.81	56.63	-	-	P	H
		17989	43.97	-10.03	54	31.17	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
													H
802.11ax HE40 Partial BE CH 110 5550MHz		11100	57.2	-16.8	74	61.56	39.9	17.36	61.62	100	246	P	V
		11100	48.78	-5.22	54	53.14	39.9	17.36	61.62	100	246	A	V
		13314	46.17	-27.83	74	50.53	39.67	19.03	63.06	-	-	P	V
		14491	46.3	-27.7	74	48.11	41.3	19.9	63.01	-	-	P	V
		16650	45.75	-22.45	68.2	45.05	39.25	21.53	60.08	-	-	P	V
		17978	53.1	-20.9	74	40.5	46.45	22.8	56.65	-	-	P	V
		17978	43.36	-10.64	54	30.76	46.45	22.8	56.65	-	-	A	V
													V
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													V
													V

WIFI Ant. 1+2+3+4	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)
		11340	61.36	-12.64	74	65.9	39.78	17.59	61.91	100	298	P	H
		11340	52.58	-1.42	54	57.12	39.78	17.59	61.91	100	298	A	H
		13380	46.63	-27.37	74	50.66	40	19.05	63.08	-	-	P	H
		14491	47.56	-26.44	74	49.37	41.3	19.9	63.01	-	-	P	H
		17010	48.37	-19.83	68.2	45.53	40.12	21.79	59.07	-	-	P	H
		17978	54.24	-19.76	74	41.64	46.45	22.8	56.65	-	-	P	H
		17978	43.62	-10.38	54	31.02	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
802.11ax HE40 Partial BE CH 134 5670MHz		11340	58.29	-15.71	74	62.83	39.78	17.59	61.91	100	242	P	V
		11340	49.92	-4.08	54	54.46	39.78	17.59	61.91	100	242	A	V
		13369	47.14	-26.86	74	51.23	39.94	19.04	63.07	-	-	P	V
		14491	49.66	-24.34	74	51.47	41.3	19.9	63.01	182	207	P	V
		14491	39.4	-14.6	54	41.21	41.3	19.9	63.01	182	207	A	V
		17010	53.17	-15.03	68.2	50.33	40.12	21.79	59.07	-	-	P	V
		17989	54.69	-19.31	74	41.89	46.62	22.81	56.63	-	-	P	V
		17989	43.83	-10.17	54	31.03	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5456.32	62.08	-11.92	74	51.99	32.89	10.66	33.46	100	259	P	H
		5467.6	57.99	-10.21	68.2	47.93	32.86	10.66	33.46	100	259	P	H
		5454.64	52.56	-1.44	54	42.47	32.89	10.66	33.46	100	259	A	H
	*	5530	109.19	-	-	99.19	32.8	10.67	33.47	100	259	P	H
802.11ax	*	5530	101.23	-	-	91.23	32.8	10.67	33.47	100	259	A	H
HE80 Full		5730.035	51.28	-16.92	68.2	40.49	33.48	10.83	33.52	100	259	P	H
CH 106		5449.6	57.24	-16.76	74	47.14	32.9	10.66	33.46	250	249	P	V
5530MHz		5466.4	59.26	-8.94	68.2	49.19	32.87	10.66	33.46	250	249	P	V
		5449.36	48.75	-5.25	54	38.65	32.9	10.66	33.46	250	249	A	V
	*	5530	105.78	-	-	95.78	32.8	10.67	33.47	250	249	P	V
	*	5530	99.18	-	-	89.18	32.8	10.67	33.47	250	249	A	V
		5753.345	52.02	-16.18	68.2	41.08	33.61	10.86	33.53	250	249	P	V
		5457.45	60.18	-13.82	74	50.09	32.89	10.66	33.46	100	241	P	H
		5466.55	60.09	-8.11	68.2	50.02	32.87	10.66	33.46	100	241	P	H
		5457.45	52.87	-1.13	54	42.78	32.89	10.66	33.46	100	241	A	H
	*	5610	115.81	-	-	105.39	33.22	10.69	33.49	100	241	P	H
802.11ax	*	5610	107.47	-	-	97.05	33.22	10.69	33.49	100	241	A	H
HE80 Full		5725.45	65.44	-2.76	68.2	54.69	33.45	10.82	33.52	100	241	P	H
CH 122		5442.4	55.55	-18.45	74	45.45	32.9	10.66	33.46	242	246	P	V
5610MHz		5463.05	59.92	-8.28	68.2	49.85	32.87	10.66	33.46	242	246	P	V
		5459.9	48.54	-5.46	54	38.46	32.88	10.66	33.46	242	246	A	V
	*	5610	113.01	-	-	102.59	33.22	10.69	33.49	242	246	P	V
	*	5610	105.05	-	-	94.63	33.22	10.69	33.49	242	246	A	V
		5727.55	64.22	-3.98	68.2	53.44	33.47	10.83	33.52	242	246	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11060	47.17	-26.83	74	51.35	40.06	17.33	61.57	-	-	P	H
		13281	46.39	-27.61	74	50.85	39.58	19.02	63.06	-	-	P	H
		14491	47.06	-26.94	74	48.87	41.3	19.9	63.01	-	-	P	H
		16590	45.18	-23.02	68.2	44.93	39.01	21.49	60.25	-	-	P	H
		17967	53.23	-20.77	74	40.85	46.27	22.79	56.68	-	-	P	H
		17967	43.03	-10.97	54	30.65	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	46.56	-27.44	74	50.74	40.06	17.33	61.57	-	-	P	V
5530MHz		13369	46.1	-27.9	74	50.19	39.94	19.04	63.07	-	-	P	V
		14491	46.58	-27.42	74	48.39	41.3	19.9	63.01	-	-	P	V
		16590	45.78	-22.42	68.2	45.53	39.01	21.49	60.25	-	-	P	V
		17989	53.25	-20.75	74	40.45	46.62	22.81	56.63	-	-	P	V
		17989	43.23	-10.77	54	30.43	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11220	51.76	-22.24	74	56.42	39.62	17.48	61.76	100	292	P	H
		11220	42.65	-11.35	54	47.31	39.62	17.48	61.76	100	292	A	H
		13358	46.46	-27.54	74	50.6	39.89	19.04	63.07	-	-	P	H
		14491	46.97	-27.03	74	48.78	41.3	19.9	63.01	-	-	P	H
		16830	47.99	-20.21	68.2	45.94	39.97	21.66	59.58	-	-	P	H
		17978	53.35	-20.65	74	40.75	46.45	22.8	56.65	-	-	P	H
		17978	43.09	-10.91	54	30.49	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	50.11	-23.89	74	54.77	39.62	17.48	61.76	100	241	P	V
5610MHz		11220	41.97	-12.03	54	46.63	39.62	17.48	61.76	100	241	A	V
		13380	47.13	-26.87	74	51.16	40	19.05	63.08	-	-	P	V
		14491	46.74	-27.26	74	48.55	41.3	19.9	63.01	-	-	P	V
		16830	47.43	-20.77	68.2	45.38	39.97	21.66	59.58	-	-	P	V
		17967	53.94	-20.06	74	41.56	46.27	22.79	56.68	-	-	P	V
		17967	43.44	-10.56	54	31.06	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial M CH 106 5530MHz		5454.64	62.11	-11.89	74	52.91	32	10.66	33.46	100	243	P	H
		5463.52	62.61	-5.59	68.2	53.41	32	10.66	33.46	100	243	P	H
		5435.92	50.76	-3.24	54	41.63	31.92	10.66	33.45	100	243	A	H
	*	5530	108.34	-	-	99.15	32	10.67	33.48	100	243	P	H
	*	5530	98.42	-	-	89.23	32	10.67	33.48	100	243	A	H
		5727.83	51.13	-17.07	68.2	41.51	32.31	10.83	33.52	100	243	P	H
		5433.28	60.45	-13.55	74	51.35	31.9	10.65	33.45	100	240	P	V
		5460.4	59.75	-8.45	68.2	50.55	32	10.66	33.46	100	240	P	V
		5432.8	50.42	-3.58	54	41.32	31.9	10.65	33.45	100	240	A	V
	*	5530	104.43	-	-	95.23	32	10.67	33.47	100	240	P	V
	*	5530	95.54	-	-	86.34	32	10.67	33.47	100	240	A	V
		5744.525	51.61	-16.59	68.2	41.9	32.38	10.85	33.52	100	240	P	V
802.11ax HE80 Partial M CH 122 5610MHz		5457.8	61.2	-12.8	74	52	32	10.66	33.46	100	238	P	H
		5465.15	65.96	-2.24	68.2	56.76	32	10.66	33.46	100	238	P	H
		5444.85	51.51	-2.49	54	42.34	31.97	10.66	33.46	100	238	A	H
	*	5610	114.76	-	-	105.56	32	10.68	33.48	100	238	P	H
	*	5610	104.98	-	-	95.78	32	10.68	33.48	100	238	A	H
		5762.725	66.05	-2.15	68.2	56.31	32.4	10.87	33.53	100	238	P	H
		5456.75	64.12	-9.88	74	54.92	32	10.66	33.46	100	241	P	V
		5469.7	60.02	-8.18	68.2	50.82	32	10.66	33.46	100	241	P	V
		5455.7	52.23	-1.77	54	43.03	32	10.66	33.46	100	241	A	V
	*	5610	111.39	-	-	102.19	32	10.68	33.48	100	241	P	V
	*	5610	102.27	-	-	93.07	32	10.68	33.48	100	241	A	V
		5759.225	64.29	-3.91	68.2	54.56	32.4	10.86	33.53	100	241	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 HE80 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11060	45.29	-28.71	74	49.47	40.06	17.33	61.57	-	-	P	H
		13314	46.27	-27.73	74	50.63	39.67	19.03	63.06	-	-	P	H
		14491	47.88	-26.12	74	49.69	41.3	19.9	63.01	-	-	P	H
		16590	44.51	-23.69	68.2	44.26	39.01	21.49	60.25	-	-	P	V
		17967	52.87	-21.13	74	40.49	46.27	22.79	56.68	-	-	P	V
		17967	43.38	-10.62	54	31	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													H
802.11ax HE80 Partial M CH 106 5530MHz													H
													H
		11060	45.61	-28.39	74	49.79	40.06	17.33	61.57	-	-	P	V
		13303	46.62	-27.38	74	51.05	39.61	19.02	63.06	-	-	P	V
		14491	47.08	-26.92	74	48.89	41.3	19.9	63.01	-	-	P	V
		16590	45.07	-23.13	68.2	44.82	39.01	21.49	60.25	-	-	P	V
		17978	53.37	-20.63	74	40.77	46.45	22.8	56.65	-	-	P	V
		17978	43.72	-10.28	54	31.12	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 HE80 Partial M CH 122 5610MHz		11220	47.74	-26.26	74	52.4	39.62	17.48	61.76	-	-	P	H
		13369	46.49	-27.51	74	50.58	39.94	19.04	63.07	-	-	P	H
		14491	47.24	-26.76	74	49.05	41.3	19.9	63.01	-	-	P	H
		16830	46.91	-21.29	68.2	44.86	39.97	21.66	59.58	-	-	P	H
		17989	53.91	-20.09	74	41.11	46.62	22.81	56.63	-	-	P	H
		17989	43.86	-10.14	54	31.06	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
													H
													H
		11220	46.46	-27.54	74	51.12	39.62	17.48	61.76	-	-	P	V
		13391	46.27	-27.73	74	50.24	40.06	19.05	63.08	-	-	P	V
		14491	47.44	-26.56	74	49.25	41.3	19.9	63.01	-	-	P	V
		16830	47.41	-20.79	68.2	45.36	39.97	21.66	59.58	-	-	P	V
		17978	52.68	-21.32	74	40.08	46.45	22.8	56.65	-	-	P	V
		17978	43.72	-10.28	54	31.12	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 106 5530MHz		5444.8	72.12	-1.88	74	62.95	31.97	10.66	33.46	100	258	P	H
		5464.24	61.35	-6.85	68.2	52.15	32	10.66	33.46	100	258	P	H
		5436.4	52.86	-1.14	54	43.73	31.92	10.66	33.45	100	258	A	H
	*	5530	111.61	-	-	102.41	32	10.67	33.47	100	258	P	H
	*	5530	101.75	-	-	92.55	32	10.67	33.47	100	258	A	H
		5739.17	51.6	-16.6	68.2	41.92	32.36	10.84	33.52	100	258	P	H
		5438.8	71.43	-2.57	74	62.3	31.93	10.66	33.46	100	231	P	V
		5468.8	62.86	-5.34	68.2	53.66	32	10.66	33.46	100	231	P	V
		5459.68	51.58	-2.42	54	42.38	32	10.66	33.46	100	231	A	V
	*	5530	108.6	-	-	99.4	32	10.67	33.47	100	231	P	V
	*	5530	99.79	-	-	90.59	32	10.67	33.47	100	231	A	V
		5741.69	51.8	-16.4	68.2	42.11	32.37	10.84	33.52	100	231	P	V
802.11ax HE80 Partial BE CH 122 5610MHz		5458.85	57.23	-16.77	74	48.03	32	10.66	33.46	100	239	P	H
		5460.95	57.55	-10.65	68.2	48.35	32	10.66	33.46	100	239	P	H
		5456.75	49.7	-4.3	54	40.5	32	10.66	33.46	100	239	A	H
	*	5610	116.39	-	-	107.17	32.02	10.69	33.49	100	239	P	H
	*	5610	107.05	-	-	97.83	32.02	10.69	33.49	100	239	A	H
		5727.2	62.68	-5.52	68.2	53.06	32.31	10.83	33.52	100	239	P	H
		5434	61.92	-12.08	74	52.81	31.9	10.66	33.45	250	241	P	V
		5465.85	61.23	-6.97	68.2	52.03	32	10.66	33.46	250	241	P	V
		5453.6	47.42	-6.58	54	38.22	32	10.66	33.46	250	241	A	V
	*	5610	111.81	-	-	102.61	32	10.68	33.48	250	241	P	V
	*	5610	104.01	-	-	94.81	32	10.68	33.48	250	241	A	V
		5731.925	60.15	-8.05	68.2	50.51	32.33	10.83	33.52	250	241	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 HE80 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11060	53.93	-20.07	74	58.11	40.06	17.33	61.57	100	281	P	H
		11060	44.03	-9.97	54	48.21	40.06	17.33	61.57	100	281	A	H
		13303	46.84	-27.16	74	51.27	39.61	19.02	63.06	-	-	P	H
		14480	47.48	-26.52	74	49.33	41.3	19.88	63.03	-	-	P	V
		16590	45.87	-22.33	68.2	45.62	39.01	21.49	60.25	-	-	P	V
		17989	53.63	-20.37	74	40.83	46.62	22.81	56.63	-	-	P	V
		17989	43.84	-10.16	54	31.04	46.62	22.81	56.63	-	-	A	V
													V
													V
													H
802.11ax HE80 Partial BE CH 106 5530MHz													H
													H
		11060	47.98	-26.02	74	52.16	40.06	17.33	61.57	-	-	P	V
		13380	46.79	-27.21	74	50.82	40	19.05	63.08	-	-	P	V
		14480	47.25	-26.75	74	49.1	41.3	19.88	63.03	-	-	P	V
		16590	45.95	-22.25	68.2	45.7	39.01	21.49	60.25	-	-	P	V
		17967	54.05	-19.95	74	41.67	46.27	22.79	56.68	-	-	P	V
		17967	43.43	-10.57	54	31.05	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 122 5610MHz		11220	53.3	-20.7	74	57.96	39.62	17.48	61.76	100	294	P	H
		11220	45.38	-8.62	54	50.04	39.62	17.48	61.76	100	294	A	H
		13303	46.87	-27.13	74	51.3	39.61	19.02	63.06	-	-	P	H
		14491	47.48	-26.52	74	49.29	41.3	19.9	63.01	-	-	P	H
		16830	47.35	-20.85	68.2	45.3	39.97	21.66	59.58	-	-	P	H
		17978	53.8	-20.2	74	41.2	46.45	22.8	56.65	-	-	P	H
		17978	43.7	-10.3	54	31.1	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		11220	52.06	-21.94	74	56.72	39.62	17.48	61.76	100	300	P	V
		11220	44.84	-9.16	54	49.5	39.62	17.48	61.76	100	300	A	V
		13391	46.76	-27.24	74	50.73	40.06	19.05	63.08	-	-	P	V
		14491	47.69	-26.31	74	49.5	41.3	19.9	63.01	-	-	P	V
		16830	47.96	-20.24	68.2	45.91	39.97	21.66	59.58	-	-	P	V
		17978	53.5	-20.5	74	40.9	46.45	22.8	56.65	-	-	P	V
		17978	44	-10	54	31.4	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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		5428	50.82	-23.18	74	40.72	32.9	10.65	33.45	100	331	P	H
		5464.66	50.27	-17.93	68.2	40.2	32.87	10.66	33.46	100	331	P	H
		5375.74	42.84	-11.16	54	32.82	32.85	10.62	33.45	100	331	A	H
	*	5720	116.83	-	-	106.11	33.42	10.82	33.52	100	331	P	H
	*	5720	109.89	-	-	99.17	33.42	10.82	33.52	100	331	A	H
		5872	50.94	-17.26	68.2	39.53	34	10.97	33.56	100	331	P	H
		5414.35	50.24	-23.76	74	40.14	32.9	10.65	33.45	100	242	P	V
		5467.78	50.35	-17.85	68.2	40.29	32.86	10.66	33.46	100	242	P	V
		5355.46	42.35	-11.65	54	32.39	32.81	10.6	33.45	100	242	A	V
	*	5720	117.31	-	-	106.59	33.42	10.82	33.52	100	242	P	V
	*	5720	110.2	-	-	99.48	33.42	10.82	33.52	100	242	A	V
		5936.5	51.08	-17.12	68.2	39.55	34.07	11.03	33.57	100	242	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. 1+2+3+4	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)
		11440	63.27	-10.73	74	67.71	39.9	17.69	62.03	100	298	P	H
		11440	52.77	-1.23	54	57.21	39.9	17.69	62.03	100	298	A	H
		13369	45.68	-28.32	74	49.77	39.94	19.04	63.07	-	-	P	H
		14491	46.42	-27.58	74	48.23	41.3	19.9	63.01	-	-	P	H
		17160	46.85	-21.35	68.2	43.29	40.3	21.94	58.68	-	-	P	H
		18000	53.83	-20.17	74	40.81	46.8	22.82	56.6	-	-	P	H
		18000	44.06	-9.94	54	31.04	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
													H
802.11a													H
CH 144		11440	59.71	-14.29	74	64.15	39.9	17.69	62.03	100	244	P	V
5720MHz		11440	50.25	-3.75	54	54.69	39.9	17.69	62.03	100	244	A	V
		13325	46.01	-27.99	74	50.32	39.72	19.03	63.06	-	-	P	V
		14491	46.58	-27.42	74	48.39	41.3	19.9	63.01	-	-	P	V
		17160	47.23	-20.97	68.2	43.67	40.3	21.94	58.68	-	-	P	V
		17967	53.85	-20.15	74	41.47	46.27	22.79	56.68	-	-	P	V
		17967	43.81	-10.19	54	31.43	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

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

WIFI Ant. 1+2+3+4	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 CH 144 5720MHz		5379.25	53.09	-20.91	74	43.05	32.86	10.63	33.45	100	323	P	H
		5463.49	51.72	-16.48	68.2	41.65	32.87	10.66	33.46	100	323	P	H
		5376.13	43.76	-10.24	54	33.74	32.85	10.62	33.45	100	323	A	H
	*	5720	117.78	-	-	107.06	33.42	10.82	33.52	100	323	P	H
	*	5720	109.95	-	-	99.23	33.42	10.82	33.52	100	323	A	H
		5855	50.89	-17.31	68.2	39.48	34	10.96	33.55	100	323	P	H
		5424.49	51.48	-22.52	74	41.38	32.9	10.65	33.45	100	251	P	V
		5468.56	51.01	-17.19	68.2	40.95	32.86	10.66	33.46	100	251	P	V
		5375.74	42.97	-11.03	54	32.95	32.85	10.62	33.45	100	251	A	V
	*	5720	116.94	-	-	106.22	33.42	10.82	33.52	100	251	P	V
	*	5720	108.92	-	-	98.2	33.42	10.82	33.52	100	251	A	V
		5851.75	51.67	-16.53	68.2	40.26	34	10.96	33.55	100	251	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. 1+2+3+4	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)
		11440	62.67	-11.33	74	67.11	39.9	17.69	62.03	100	299	P	H
		11440	52.35	-1.65	54	56.79	39.9	17.69	62.03	100	299	A	H
		13380	45.8	-28.2	74	49.83	40	19.05	63.08	-	-	P	H
		14491	46.61	-27.39	74	48.42	41.3	19.9	63.01	-	-	P	H
		17160	47.09	-21.11	68.2	43.53	40.3	21.94	58.68	-	-	P	H
		17967	52.94	-21.06	74	40.56	46.27	22.79	56.68	-	-	P	H
		17967	43.11	-10.89	54	30.73	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	59.47	-14.53	74	63.91	39.9	17.69	62.03	100	249	P	V
5720MHz		11440	48.75	-5.25	54	53.19	39.9	17.69	62.03	100	249	A	V
		13281	46.14	-27.86	74	50.6	39.58	19.02	63.06	-	-	P	V
		14491	46.73	-27.27	74	48.54	41.3	19.9	63.01	-	-	P	V
		17160	47.37	-20.83	68.2	43.81	40.3	21.94	58.68	-	-	P	V
		17967	53.82	-20.18	74	41.44	46.27	22.79	56.68	-	-	P	V
		17967	43.79	-10.21	54	31.41	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

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

WIFI Ant. 1+2+3+4	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 Partial M CH 144 5720MHz		5456.47	51.63	-22.37	74	42.43	32	10.66	33.46	100	255	P	H
		5461.15	50.25	-17.95	68.2	41.05	32	10.66	33.46	100	255	P	H
		5428.78	42.49	-11.51	54	33.42	31.87	10.65	33.45	100	255	A	H
	*	5720	115.59	-	-	106.01	32.28	10.82	33.52	100	255	P	H
	*	5720	107.15	-	-	97.57	32.28	10.82	33.52	100	255	A	H
		5855.25	50.03	-18.17	68.2	40.1	32.52	10.96	33.55	100	255	P	H
		5353.51	50.44	-23.56	74	41.87	31.42	10.6	33.45	100	241	P	V
		5468.17	48.79	-19.41	68.2	39.59	32	10.66	33.46	100	241	P	V
		5363.65	41.34	-12.66	54	32.7	31.48	10.61	33.45	100	241	A	V
	*	5720	113.88	-	-	104.3	32.28	10.82	33.52	100	241	P	V
	*	5720	107.23	-	-	97.65	32.28	10.82	33.52	100	241	A	V
		5871.5	49.9	-18.3	68.2	39.9	32.59	10.97	33.56	100	241	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 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 Partial M CH 144 5720MHz		11440	61.42	-12.58	74	65.86	39.9	17.69	62.03	100	300	P	H
		11440	52.77	-1.23	54	57.21	39.9	17.69	62.03	100	300	A	H
		13314	46.01	-27.99	74	50.37	39.67	19.03	63.06	-	-	P	H
		14491	46.46	-27.54	74	48.27	41.3	19.9	63.01	-	-	P	H
		17160	47.85	-20.35	68.2	44.29	40.3	21.94	58.68	-	-	P	H
		17978	53.59	-20.41	74	40.99	46.45	22.8	56.65	-	-	P	H
		17978	43.33	-10.67	54	30.73	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		11440	59.16	-14.84	74	63.6	39.9	17.69	62.03	100	243	P	V
		11440	48.39	-5.61	54	52.83	39.9	17.69	62.03	100	243	A	V
		13292	45.91	-28.09	74	50.36	39.59	19.02	63.06	-	-	P	V
		14491	46.32	-27.68	74	48.13	41.3	19.9	63.01	-	-	P	V
		17160	46.45	-21.75	68.2	42.89	40.3	21.94	58.68	-	-	P	V
		17978	53.63	-20.37	74	41.03	46.45	22.8	56.65	-	-	P	V
		17978	44	-10	54	31.4	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 Straddle Channel

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

WIFI Ant. 1+2+3+4	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 Partial BE CH 144 5720MHz		5422.93	51.86	-22.14	74	42.82	31.84	10.65	33.45	100	313	P	H
		5461.93	49.79	-18.41	68.2	40.59	32	10.66	33.46	100	313	P	H
		5376.13	41.96	-12.04	54	33.23	31.56	10.62	33.45	100	313	A	H
	*	5720	116.81	-	-	107.23	32.28	10.82	33.52	100	313	P	H
	*	5720	108.67	-	-	99.09	32.28	10.82	33.52	100	313	A	H
		5888.75	50.28	-17.92	68.2	40.2	32.65	10.99	33.56	100	313	P	H
		5454.91	48.97	-25.03	74	39.77	32	10.66	33.46	250	254	P	V
		5463.49	49.17	-19.03	68.2	39.97	32	10.66	33.46	250	254	P	V
		5456.08	40.59	-13.41	54	31.39	32	10.66	33.46	250	254	A	V
	*	5720	114.95	-	-	105.37	32.28	10.82	33.52	250	254	P	V
	*	5720	105.98	-	-	96.4	32.28	10.82	33.52	250	254	A	V
		5898.5	50.9	-17.3	68.2	40.77	32.69	11	33.56	250	254	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 Partial BE CH 144 5720MHz		11440	61.9	-12.1	74	66.34	39.9	17.69	62.03	100	296	P	H
		11440	52.7	-1.3	54	57.14	39.9	17.69	62.03	100	296	A	H
		13270	47	-27	74	51.46	39.57	19.02	63.05	-	-	P	H
		14491	47.37	-26.63	74	49.18	41.3	19.9	63.01	-	-	P	H
		17160	47.13	-21.07	68.2	43.57	40.3	21.94	58.68	-	-	P	H
		17978	54.89	-19.11	74	42.29	46.45	22.8	56.65	-	-	P	H
		17978	44.09	-9.91	54	31.49	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		11440	59.58	-14.42	74	64.02	39.9	17.69	62.03	100	240	P	V
		11440	49.93	-4.07	54	54.37	39.9	17.69	62.03	100	240	A	V
		13380	47.05	-26.95	74	51.08	40	19.05	63.08	-	-	P	V
		14491	47.6	-26.4	74	49.41	41.3	19.9	63.01	-	-	P	V
		17160	47.59	-20.61	68.2	44.03	40.3	21.94	58.68	-	-	P	V
		17978	54.15	-19.85	74	41.55	46.45	22.8	56.65	-	-	P	V
		17978	44.01	-9.99	54	31.41	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 Straddle Channel

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

WIFI Ant. 1+2+3+4	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 HE40 Full CH 142 5710MHz		5409.67	54	-20	74	43.9	32.9	10.65	33.45	100	238	P	H
		5467.39	53.69	-14.51	68.2	43.62	32.87	10.66	33.46	100	238	P	H
		5357.41	44.31	-9.69	54	34.34	32.81	10.61	33.45	100	238	A	H
	*	5710	116.17	-	-	105.51	33.36	10.81	33.51	100	238	P	H
	*	5710	107.93	-	-	97.27	33.36	10.81	33.51	100	238	A	H
		5861.5	52.54	-15.66	68.2	41.12	34	10.97	33.55	100	238	P	H
		5403.04	50.91	-23.09	74	40.81	32.9	10.65	33.45	100	264	P	V
		5464.27	51.23	-16.97	68.2	41.16	32.87	10.66	33.46	100	264	P	V
		5376.13	42.1	-11.9	54	32.08	32.85	10.62	33.45	100	264	A	V
	*	5710	113.17	-	-	102.51	33.36	10.81	33.51	100	264	P	V
	*	5710	104.42	-	-	93.76	33.36	10.81	33.51	100	264	A	V
		5856.25	52.33	-15.87	68.2	40.92	34	10.96	33.55	100	264	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. 1+2+3+4	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)
		11420	62.84	-11.16	74	67.27	39.9	17.67	62	100	300	P	H
		11420	52.43	-1.57	54	56.86	39.9	17.67	62	100	300	A	H
		13380	45.58	-28.42	74	49.61	40	19.05	63.08	-	-	P	H
		14491	45.81	-28.19	74	47.62	41.3	19.9	63.01	-	-	P	H
		17130	46.51	-21.69	68.2	43.06	40.3	21.91	58.76	-	-	P	H
		17978	53.33	-20.67	74	40.73	46.45	22.8	56.65	-	-	P	H
		17978	43.03	-10.97	54	30.43	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	59.22	-14.78	74	63.65	39.9	17.67	62	100	242	P	V
5710MHz		11420	48.99	-5.01	54	53.42	39.9	17.67	62	100	242	A	V
		13369	47.21	-26.79	74	51.3	39.94	19.04	63.07	-	-	P	V
		14491	46.41	-27.59	74	48.22	41.3	19.9	63.01	-	-	P	V
		17130	46.21	-21.99	68.2	42.76	40.3	21.91	58.76	-	-	P	V
		17956	53.89	-20.11	74	41.73	46.1	22.77	56.71	-	-	P	V
		17956	43.58	-10.42	54	31.42	46.1	22.77	56.71	-	-	A	V
													V
													V
													V
													V
													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 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial M CH 142 5710MHz		5459.98	52.87	-21.13	74	43.67	32	10.66	33.46	100	232	P	H
		5464.66	53.7	-14.5	68.2	44.5	32	10.66	33.46	100	232	P	H
		5350.78	43.86	-10.14	54	35.31	31.4	10.6	33.45	100	232	A	H
	*	5710	117.83	-	-	108.29	32.24	10.81	33.51	100	232	P	H
	*	5710	109.25	-	-	99.71	32.24	10.81	33.51	100	232	A	H
		5878.25	50.26	-17.94	68.2	40.23	32.61	10.98	33.56	100	232	P	H
		5411.23	52.23	-21.77	74	43.26	31.77	10.65	33.45	105	244	P	V
		5466.22	53.32	-14.88	68.2	44.12	32	10.66	33.46	105	244	P	V
		5376.13	42.77	-11.23	54	34.04	31.56	10.62	33.45	105	244	A	V
	*	5710	115.85	-	-	106.31	32.24	10.81	33.51	105	244	P	V
	*	5710	107.41	-	-	97.87	32.24	10.81	33.51	105	244	A	V
		5855.25	50.87	-17.33	68.2	40.94	32.52	10.96	33.55	105	244	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 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial M CH 142 5710MHz		11420	61.65	-12.35	74	66.08	39.9	17.67	62	100	295	P	H
		11420	52.66	-1.34	54	57.09	39.9	17.67	62	100	295	A	H
		13314	46.52	-27.48	74	50.88	39.67	19.03	63.06	-	-	P	H
		14491	46.06	-27.94	74	47.87	41.3	19.9	63.01	-	-	P	H
		17130	45.96	-22.24	68.2	42.51	40.3	21.91	58.76	-	-	P	H
		17978	52.8	-21.2	74	40.2	46.45	22.8	56.65	-	-	P	H
		17978	43.45	-10.55	54	30.85	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
													H
		11420	57.89	-16.11	74	62.32	39.9	17.67	62	100	249	P	V
		11420	47.45	-6.55	54	51.88	39.9	17.67	62	100	249	A	V
		13380	47.72	-26.28	74	51.75	40	19.05	63.08	-	-	P	V
		14491	46.83	-27.17	74	48.64	41.3	19.9	63.01	-	-	P	V
		17130	46.29	-21.91	68.2	42.84	40.3	21.91	58.76	-	-	P	V
		17956	52.94	-21.06	74	40.78	46.1	22.77	56.71	-	-	P	V
		17956	43.24	-10.76	54	31.08	46.1	22.77	56.71	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 Straddle Channel

WIFI 802.11ax HE40 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 142 5710MHz		5424.1	51.9	-22.1	74	42.86	31.84	10.65	33.45	100	235	P	H
		5467.78	50.16	-18.04	68.2	40.96	32	10.66	33.46	100	235	P	H
		5376.13	42.48	-11.52	54	33.75	31.56	10.62	33.45	100	235	A	H
	*	5710	117.77	-	-	108.23	32.24	10.81	33.51	100	235	P	H
	*	5710	107.07	-	-	97.53	32.24	10.81	33.51	100	235	A	H
		5854.25	51.2	-17	68.2	41.27	32.52	10.96	33.55	100	235	P	H
		5385.1	49.68	-24.32	74	40.89	31.61	10.63	33.45	100	251	P	V
		5460.76	49.69	-18.51	68.2	40.49	32	10.66	33.46	100	251	P	V
		5376.13	40.93	-13.07	54	32.2	31.56	10.62	33.45	100	251	A	V
	*	5710	112.5	-	-	102.96	32.24	10.81	33.51	100	251	P	V
	*	5710	104.66	-	-	95.12	32.24	10.81	33.51	100	251	A	V
		5911	49.83	-18.37	68.2	39.67	32.72	11.01	33.57	100	251	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 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE40 Partial BE CH 142 5710MHz		11420	61.67	-12.33	74	66.1	39.9	17.67	62	100	298	P	H
		11420	52.46	-1.54	54	56.89	39.9	17.67	62	100	298	A	H
		13303	46.72	-27.28	74	51.15	39.61	19.02	63.06	-	-	P	H
		14480	47.6	-26.4	74	49.45	41.3	19.88	63.03	-	-	P	H
		17130	48.31	-19.89	68.2	44.86	40.3	21.91	58.76	-	-	P	H
		17989	54.34	-19.66	74	41.54	46.62	22.81	56.63	-	-	P	H
		17989	43.97	-10.03	54	31.17	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
													H
		11420	59.27	-14.73	74	63.7	39.9	17.67	62	100	239	P	V
		11420	50.15	-3.85	54	54.58	39.9	17.67	62	100	239	A	V
		13380	46.66	-27.34	74	50.69	40	19.05	63.08	-	-	P	V
		14480	47.99	-26.01	74	49.84	41.3	19.88	63.03	-	-	P	V
		17130	47.39	-20.81	68.2	43.94	40.3	21.91	58.76	-	-	P	V
		17967	54.2	-19.8	74	41.82	46.27	22.79	56.68	-	-	P	V
		17967	43.82	-10.18	54	31.44	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5457.64	55.55	-18.45	74	46.35	32	10.66	33.46	100	236	P	H
		5467.39	56.93	-11.27	68.2	47.73	32	10.66	33.46	100	236	P	H
		5457.25	47.86	-6.14	54	38.66	32	10.66	33.46	100	236	A	H
	*	5690	118.23	-	-	108.78	32.18	10.78	33.51	100	236	P	H
802.11ax	*	5690	109.13	-	-	99.68	32.18	10.78	33.51	100	236	A	H
HE80 Full		5854.9	65.03	-3.17	68.2	55.1	32.52	10.96	33.55	100	236	P	H
CH 138		5453.74	52.17	-21.83	74	42.97	32	10.66	33.46	100	267	P	V
5690MHz		5465.05	53.27	-14.93	68.2	44.07	32	10.66	33.46	100	267	P	V
		5444.77	43.72	-10.28	54	34.55	31.97	10.66	33.46	100	267	A	V
	*	5690	115.62	-	-	106.17	32.18	10.78	33.51	100	267	P	V
	*	5690	106.68	-	-	97.23	32.18	10.78	33.51	100	267	A	V
		5851.6	64.18	-4.02	68.2	54.26	32.51	10.96	33.55	100	267	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11380	61.88	-12.12	74	66.35	39.86	17.63	61.96	100	297	P	H
		11380	52.69	-1.31	54	57.16	39.86	17.63	61.96	100	297	A	H
		13292	46.21	-27.79	74	50.66	39.59	19.02	63.06	-	-	P	H
		14491	46.66	-27.34	74	48.47	41.3	19.9	63.01	-	-	P	H
		17070	47.85	-20.35	68.2	44.68	40.24	21.85	58.92	-	-	P	H
		17989	54.07	-19.93	74	41.27	46.62	22.81	56.63	-	-	P	H
		17989	43.83	-10.17	54	31.03	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	57.92	-16.08	74	62.39	39.86	17.63	61.96	100	251	P	V
5690MHz		11380	48.82	-5.18	54	53.29	39.86	17.63	61.96	100	251	A	V
		13369	46.42	-27.58	74	50.51	39.94	19.04	63.07	-	-	P	V
		14491	47.11	-26.89	74	48.92	41.3	19.9	63.01	-	-	P	V
		17070	47.85	-20.35	68.2	44.68	40.24	21.85	58.92	-	-	P	V
		17978	54.03	-19.97	74	41.43	46.45	22.8	56.65	-	-	P	V
		17978	43.57	-10.43	54	30.97	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial M (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial M CH 138 5690MHz		5401.87	60.04	-13.96	74	51.13	31.71	10.65	33.45	100	242	P	H
		5464.27	65.02	-3.18	68.2	55.82	32	10.66	33.46	100	242	P	H
		5424.88	50.76	-3.24	54	41.71	31.85	10.65	33.45	100	242	A	H
	*	5690	117.18	-	-	107.59	32.29	10.82	33.52	100	242	P	H
	*	5690	107.96	-	-	98.37	32.29	10.82	33.52	100	242	A	H
		5850.4	65.8	-2.4	68.2	55.89	32.5	10.96	33.55	100	242	P	H
		5418.25	59.13	-14.87	74	50.12	31.81	10.65	33.45	101	241	P	V
		5469.73	57.25	-10.95	68.2	48.05	32	10.66	33.46	101	241	P	V
		5415.52	48.65	-5.35	54	39.66	31.79	10.65	33.45	101	241	A	V
	*	5690	115.89	-	-	106.54	32.11	10.74	33.5	101	241	P	V
	*	5690	104.95	-	-	95.6	32.11	10.74	33.5	101	241	A	V
		5854.9	66.61	-1.59	68.2	56.68	32.52	10.96	33.55	101	241	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 HE80 Partial M (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11380	60.65	-13.35	74	65.12	39.86	17.63	61.96	100	296	P	H
		11380	48.65	-5.35	54	53.12	39.86	17.63	61.96	100	296	A	H
		13303	46.91	-27.09	74	51.34	39.61	19.02	63.06	-	-	P	H
		14491	47.26	-26.74	74	49.07	41.3	19.9	63.01	-	-	P	H
		17070	46.95	-21.25	68.2	43.78	40.24	21.85	58.92	-	-	P	H
		17978	53.19	-20.81	74	40.59	46.45	22.8	56.65	-	-	P	H
		17978	43.7	-10.3	54	31.1	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
i802.11ax													H
HE80													H
Partial M		11380	57.95	-16.05	74	62.42	39.86	17.63	61.96	100	248	P	V
CH 138		11380	47.62	-6.38	54	52.09	39.86	17.63	61.96	100	248	A	V
5690MHz		13369	46.09	-27.91	74	50.18	39.94	19.04	63.07	-	-	P	V
		14491	47.29	-26.71	74	49.1	41.3	19.9	63.01	-	-	P	V
		17070	48.21	-19.99	68.2	45.04	40.24	21.85	58.92	-	-	P	V
		17967	53.49	-20.51	74	41.11	46.27	22.79	56.68	-	-	P	V
		17967	43.46	-10.54	54	31.08	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial BE (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 138 5690MHz		5419.42	56.25	-17.75	74	47.23	31.82	10.65	33.45	100	241	P	H
		5467.78	53.95	-14.25	68.2	44.75	32	10.66	33.46	100	241	P	H
		5459.98	44.47	-9.53	54	35.27	32	10.66	33.46	100	241	A	H
	*	5690	117.49	-	-	108.05	32.17	10.78	33.51	100	241	P	H
	*	5690	108.37	-	-	98.93	32.17	10.78	33.51	100	241	A	H
		5850.4	57.28	-10.92	68.2	47.37	32.5	10.96	33.55	100	241	P	H
		5400.31	54.08	-19.92	74	45.18	31.7	10.65	33.45	246	240	P	V
		5464.66	51.44	-16.76	68.2	42.24	32	10.66	33.46	246	240	P	V
		5459.98	43.01	-10.99	54	33.81	32	10.66	33.46	246	240	A	V
	*	5690	114.76	-	-	105.25	32.22	10.8	33.51	246	240	P	V
	*	5690	105.49	-	-	95.98	32.22	10.8	33.51	246	240	A	V
		5850.1	56.73	-11.47	68.2	46.82	32.5	10.96	33.55	246	240	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 HE80 Partial BE (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Partial BE CH 138 5690MHz		11380	60.88	-13.12	74	65.35	39.86	17.63	61.96	100	294	P	H
		11380	50.89	-3.11	54	55.36	39.86	17.63	61.96	100	294	A	H
		13292	46.88	-27.12	74	51.33	39.59	19.02	63.06	-	-	P	H
		14491	47.4	-26.6	74	49.21	41.3	19.9	63.01	-	-	P	H
		17070	48.32	-19.88	68.2	45.15	40.24	21.85	58.92	-	-	P	H
		17989	54.73	-19.27	74	41.93	46.62	22.81	56.63	-	-	P	H
		17989	44.24	-9.76	54	31.44	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
													H
													H
		11380	57.94	-16.06	74	62.41	39.86	17.63	61.96	100	240	P	V
		11380	48.52	-5.48	54	52.99	39.86	17.63	61.96	100	240	A	V
		13303	46.71	-27.29	74	51.14	39.61	19.02	63.06	-	-	P	V
		14491	47.4	-26.6	74	49.21	41.3	19.9	63.01	-	-	P	V
		17070	48.09	-20.11	68.2	44.92	40.24	21.85	58.92	-	-	P	V
		17989	53.71	-20.29	74	40.91	46.62	22.81	56.63	-	-	P	V
		17989	44.52	-9.48	54	31.72	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Emission above 18GHz

WIFI 802.11ax HE80 Full (SHF @ 1m)

WIFI Ant. 1+2+3+4	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 HE80 Full SHF		35908	45.86	-22.34	68.2	61.14	44.58	-1.16	58.7	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		35996	47.28	-20.92	68.2	62.32	44.79	-1.13	58.7	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Full LF		30	27.63	-12.37	40	34.9	24.27	0.9	32.44	-	-	P	H
		129.91	34.62	-8.88	43.5	47.79	17.42	1.92	32.51	-	-	P	H
		193.93	36.11	-7.39	43.5	51.65	14.66	2.34	32.54	-	-	P	H
		219.15	35.85	-10.15	46	50.79	15.02	2.5	32.46	-	-	P	H
		300.63	33.97	-12.03	46	44.1	19.08	2.92	32.13	-	-	P	H
		850.62	30.9	-15.1	46	28.29	29.04	4.97	31.4	-	-	P	H
													H
													H
													H
													H
													H
													H
		45.52	31.33	-8.67	40	46.34	16.41	1.11	32.53	-	-	P	V
		120.21	33.37	-10.13	43.5	46.7	17.34	1.84	32.51	-	-	P	V
		191.02	35.71	-7.79	43.5	51.38	14.55	2.32	32.54	-	-	P	V
		267.65	28.42	-17.58	46	38.69	19.23	2.76	32.26	-	-	P	V
		584.84	31.94	-14.06	46	35.17	25.5	4.06	32.79	-	-	P	V
		886.51	30.42	-15.58	46	27.76	28.84	5.07	31.25	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<TXBF Mode>

Band 2 - 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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)
		5088.4	50.27	-23.73	74	40.9	31.85	10.29	32.77	222	111	P	H
		5148.58	42.82	-11.18	54	33.45	31.8	10.37	32.8	222	111	A	H
	*	5260	115.13	-	-	106.29	31.2	10.5	32.86	222	111	P	H
	*	5260	107.64	-	-	98.8	31.2	10.5	32.86	222	111	A	H
802.11ax		5354.64	50.07	-23.93	74	41.15	31.22	10.6	32.9	222	111	P	H
HE20 Full		5444.4	42.31	-11.69	54	33.02	31.58	10.66	32.95	222	111	A	H
CH 52		5097.24	49.38	-24.62	74	39.96	31.89	10.3	32.77	100	100	P	V
5260MHz		5070.04	41.67	-12.33	54	32.39	31.78	10.26	32.76	100	100	A	V
	*	5260	114.69	-	-	105.85	31.2	10.5	32.86	100	100	P	V
	*	5260	106.02	-	-	97.18	31.2	10.5	32.86	100	100	A	V
		5368.56	50.31	-23.69	74	41.33	31.27	10.62	32.91	100	100	P	V
		5448.72	41.99	-12.01	54	32.69	31.59	10.66	32.95	100	100	A	V
		5132.26	50.16	-23.84	74	40.76	31.84	10.35	32.79	223	112	P	H
		5148.58	42.22	-11.78	54	32.85	31.8	10.37	32.8	223	112	A	H
	*	5300	117.61	-	-	108.74	31.2	10.55	32.88	223	112	P	H
	*	5300	110.13	-	-	101.26	31.2	10.55	32.88	223	112	A	H
802.11ax		5449.44	50.54	-23.46	74	41.23	31.6	10.66	32.95	223	112	P	H
HE20 Full		5375.76	41.89	-12.11	54	32.89	31.3	10.62	32.92	223	112	A	H
CH 60		5089.08	49.82	-24.18	74	40.44	31.86	10.29	32.77	100	116	P	V
5300MHz		5095.54	41.66	-12.34	54	32.25	31.88	10.3	32.77	100	116	A	V
	*	5300	116.12	-	-	107.25	31.2	10.55	32.88	100	116	P	V
	*	5300	108.47	-	-	99.6	31.2	10.55	32.88	100	116	A	V
		5455.44	49.81	-24.19	74	40.5	31.61	10.66	32.96	100	116	P	V
		5393.28	41.84	-12.16	54	32.75	31.37	10.64	32.92	100	116	A	V

	*	5320	115.52	-	-	106.64	31.2	10.57	32.89	225	33	P	H
	*	5320	108.23	-	-	99.35	31.2	10.57	32.89	225	33	A	H
		5351.52	52.22	-21.78	74	43.31	31.21	10.6	32.9	225	33	P	H
		5350.08	43.09	-10.91	54	34.19	31.2	10.6	32.9	225	33	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	113.45	-	-	104.57	31.2	10.57	32.89	100	103	P	V
5320MHz	*	5320	106.65	-	-	97.77	31.2	10.57	32.89	100	103	A	V
		5352.32	53.28	-20.72	74	44.37	31.21	10.6	32.9	100	103	P	V
		5353.6	45.41	-8.59	54	36.5	31.21	10.6	32.9	100	103	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. 1+2+3+4	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)
		10520	50.58	-17.62	68.2	54.73	39.88	16.89	60.92	-	-	P	H
		13303	46.49	-27.51	74	50.92	39.61	19.02	63.06	-	-	P	H
		14480	46.93	-27.07	74	48.78	41.3	19.88	63.03	-	-	P	H
		15780	62.21	-11.79	74	65.55	37.74	20.95	62.03	297	198	P	H
		15780	49.6	-4.4	54	52.94	37.74	20.95	62.03	297	198	A	H
		17956	53.37	-20.63	74	41.21	46.1	22.77	56.71	-	-	P	H
		17956	43.4	-10.6	54	31.24	46.1	22.77	56.71	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	48	-20.2	68.2	52.15	39.88	16.89	60.92	-	-	P	V
5260MHz		13391	46.77	-27.23	74	50.74	40.06	19.05	63.08	-	-	P	V
		14480	46.31	-27.69	74	48.16	41.3	19.88	63.03	-	-	P	V
		15780	59.35	-14.65	74	62.69	37.74	20.95	62.03	198	309	P	V
		15780	48.83	-5.17	54	52.17	37.74	20.95	62.03	198	309	A	V
		17989	53.63	-20.37	74	40.83	46.62	22.81	56.63	-	-	P	V
		17989	43.9	-10.1	54	31.1	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10600	53.41	-20.59	74	57.68	39.8	16.95	61.02	189	246	P	H
		10600	43.94	-10.06	54	48.21	39.8	16.95	61.02	189	246	A	H
		13369	45.97	-28.03	74	50.06	39.94	19.04	63.07	-	-	P	H
		14491	45.95	-28.05	74	47.76	41.3	19.9	63.01	-	-	P	H
		15900	59.75	-14.25	74	62.87	37.6	21.02	61.74	203	244	P	H
		15900	46.11	-7.89	54	49.23	37.6	21.02	61.74	203	244	A	H
		17989	53.49	-20.51	74	40.69	46.62	22.81	56.63	-	-	P	H
		17989	43.91	-10.09	54	31.11	46.62	22.81	56.63	-	-	A	H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	51.22	-22.78	74	55.49	39.8	16.95	61.02	176	309	P	V
5300MHz		10600	41.41	-12.59	54	45.68	39.8	16.95	61.02	176	309	A	V
		13402	46.53	-21.67	68.2	50.46	40.1	19.05	63.08	-	-	P	V
		14491	46.28	-27.72	74	48.09	41.3	19.9	63.01	-	-	P	V
		15900	58.46	-15.54	74	61.58	37.6	21.02	61.74	205	305	P	V
		15900	44.25	-9.75	54	47.37	37.6	21.02	61.74	205	305	A	V
		17978	53.79	-20.21	74	41.19	46.45	22.8	56.65	-	-	P	V
		17978	44.31	-9.69	54	31.71	46.45	22.8	56.65	-	-	A	V
		10600	53.41	-20.59	74	57.68	39.8	16.95	61.02	189	246	P	V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10640	53.66	-20.34	74	57.9	39.84	16.99	61.07	400	142	P	H
		10640	44.91	-9.09	54	49.15	39.84	16.99	61.07	400	142	A	H
		13325	46.39	-27.61	74	50.7	39.72	19.03	63.06	-	-	P	H
		14491	47.94	-26.06	74	49.75	41.3	19.9	63.01	-	-	P	H
		15960	47.92	-26.08	74	50.94	37.54	21.04	61.6	-	-	P	H
		17978	54.24	-19.76	74	41.64	46.45	22.8	56.65	-	-	P	H
		17978	44.24	-9.76	54	31.64	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	59.69	-14.31	74	63.93	39.84	16.99	61.07	191	203	P	V
5320MHz		10640	48.19	-5.81	54	52.43	39.84	16.99	61.07	191	203	A	V
		13314	46.27	-27.73	74	50.63	39.67	19.03	63.06	-	-	P	V
		14491	47.95	-26.05	74	49.76	41.3	19.9	63.01	-	-	P	V
		15960	54.76	-19.24	74	57.78	37.54	21.04	61.6	303	150	P	V
		15960	41.98	-12.02	54	45	37.54	21.04	61.6	303	150	A	V
		17989	54.49	-19.51	74	41.69	46.62	22.81	56.63	-	-	P	V
		17989	44.23	-9.77	54	31.43	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2+3+4	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)
		5140.76	51.43	-22.57	74	42.04	31.82	10.36	32.79	200	276	P	H
		5148.24	44.05	-9.95	54	34.68	31.8	10.37	32.8	200	276	P	H
	*	5270	110.66	-	-	101.81	31.2	10.51	32.86	200	276	P	H
	*	5270	104.2	-	-	95.35	31.2	10.51	32.86	200	276	A	H
802.11ax		5375.52	50.74	-23.26	74	41.74	31.3	10.62	32.92	200	276	P	H
HE40 Full		5376	43.07	-10.93	54	34.07	31.3	10.62	32.92	200	276	A	H
CH 54		5060.18	50.38	-23.62	74	41.14	31.74	10.25	32.75	100	279	P	V
5270MHz		5148.92	41.96	-12.04	54	32.59	31.8	10.37	32.8	100	279	A	V
	*	5270	110.33	-	-	101.48	31.2	10.51	32.86	100	279	P	V
	*	5270	103.62	-	-	94.77	31.2	10.51	32.86	100	279	A	V
		5376.24	50.22	-23.78	74	41.21	31.3	10.63	32.92	100	279	P	V
		5376.24	42.67	-11.33	54	33.66	31.3	10.63	32.92	100	279	A	V
		5147.22	50.37	-23.63	74	40.99	31.81	10.37	32.8	230	282	P	H
		5147.9	42.63	-11.37	54	33.26	31.8	10.37	32.8	230	282	A	H
	*	5310	112.73	-	-	103.85	31.2	10.56	32.88	230	282	P	H
	*	5310	105.55	-	-	96.67	31.2	10.56	32.88	230	282	A	H
802.11ax		5352.96	61.08	-12.92	74	52.17	31.21	10.6	32.9	230	282	P	H
HE40 Full		5351.76	52.53	-1.47	54	43.62	31.21	10.6	32.9	230	282	P	H
CH 62		5069.02	50.42	-23.58	74	41.14	31.78	10.26	32.76	234	194	P	V
5310MHz		5148.24	42.28	-11.72	54	32.91	31.8	10.37	32.8	234	194	A	V
	*	5310	113.48	-	-	104.6	31.2	10.56	32.88	234	194	P	V
	*	5310	105.84	-	-	96.96	31.2	10.56	32.88	234	194	A	V
		5356.56	56.17	-17.83	74	47.25	31.23	10.6	32.91	234	194	P	V
		5355.36	49.07	-4.93	54	40.15	31.22	10.6	32.9	234	194	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. 1+2+3+4	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)
		10540	46.92	-21.28	68.2	51.1	39.86	16.91	60.95	-	-	P	H
		13314	46.23	-27.77	74	50.59	39.67	19.03	63.06	-	-	P	H
		14491	47.97	-26.03	74	49.78	41.3	19.9	63.01	-	-	P	H
		15810	52.63	-21.37	74	55.94	37.69	20.96	61.96	400	63	P	H
		15810	43.72	-10.28	54	47.03	37.69	20.96	61.96	400	63	A	H
		17989	54.37	-19.63	74	41.57	46.62	22.81	56.63	-	-	P	H
		17989	44.08	-9.92	54	31.28	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	48.28	-19.92	68.2	52.46	39.86	16.91	60.95	-	-	P	V
5270MHz		13380	45.53	-28.47	74	49.56	40	19.05	63.08	-	-	P	V
		14491	47.3	-26.7	74	49.11	41.3	19.9	63.01	-	-	P	V
		15810	55.64	-18.36	74	58.95	37.69	20.96	61.96	292	154	P	V
		15810	46.15	-7.85	54	49.46	37.69	20.96	61.96	292	154	A	V
		18000	53.93	-20.07	74	40.91	46.8	22.82	56.6	-	-	P	V
		18000	44.05	-9.95	54	31.03	46.8	22.82	56.6	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		10620	45.56	-28.44	74	49.81	39.82	16.97	61.04	-	-	P	H
		13358	45.86	-28.14	74	50	39.89	19.04	63.07	-	-	P	H
		14491	47.32	-26.68	74	49.13	41.3	19.9	63.01	-	-	P	H
		15930	43.85	-30.15	74	46.92	37.57	21.03	61.67	-	-	P	H
		18000	54.07	-19.93	74	41.05	46.8	22.82	56.6	-	-	P	H
		18000	44.06	-9.94	54	31.04	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	47.69	-26.31	74	51.94	39.82	16.97	61.04	-	-	P	V
5310MHz		13336	45.78	-28.22	74	50.04	39.78	19.03	63.07	-	-	P	V
		14491	47.02	-26.98	74	48.83	41.3	19.9	63.01	-	-	P	V
		15930	46.82	-27.18	74	49.89	37.57	21.03	61.67	-	-	P	V
		17989	54.22	-19.78	74	41.42	46.62	22.81	56.63	-	-	P	V
		17989	44.24	-9.76	54	31.44	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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 HE80 Full CH 58 5290MHz		5135.32	50.15	-23.85	74	40.76	31.83	10.35	32.79	372	281	P	H
		5149.94	42.75	-11.25	54	33.38	31.8	10.37	32.8	372	281	A	H
	*	5290	110.11	-	-	101.25	31.2	10.53	32.87	372	281	P	H
	*	5290	104.54	-	-	95.68	31.2	10.53	32.87	372	281	A	H
		5352.96	58.99	-15.01	74	50.08	31.21	10.6	32.9	372	281	P	H
		5351.76	52.58	-1.42	54	43.67	31.21	10.6	32.9	372	281	P	H
		5126.82	49.98	-24.02	74	40.58	31.85	10.34	32.79	400	252	P	V
		5149.94	41.73	-12.27	54	32.36	31.8	10.37	32.8	400	252	A	V
	*	5290	107.12	-	-	98.26	31.2	10.53	32.87	400	252	P	V
	*	5290	99.08	-	-	90.22	31.2	10.53	32.87	400	252	A	V
		5372.4	59.68	-14.32	74	50.68	31.29	10.62	32.91	400	252	P	V
		5350.8	51.76	-2.24	54	42.86	31.2	10.6	32.9	400	252	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		10580	46.4	-21.8	68.2	50.64	39.82	16.94	61	-	-	P	H
		13380	45.79	-28.21	74	49.82	40	19.05	63.08	-	-	P	H
		14491	46.98	-27.02	74	48.79	41.3	19.9	63.01	-	-	P	H
		15870	47.57	-26.43	74	50.75	37.63	21	61.81	-	-	P	H
		17978	53.7	-20.3	74	41.1	46.45	22.8	56.65	-	-	P	H
		17978	42.83	-11.17	54	30.23	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	46.01	-22.19	68.2	50.25	39.82	16.94	61	-	-	P	V
5290MHz		13391	47.2	-26.8	74	51.17	40.06	19.05	63.08	-	-	P	V
		14491	46.57	-27.43	74	48.38	41.3	19.9	63.01	-	-	P	V
		15870	45.89	-28.11	74	49.07	37.63	21	61.81	-	-	P	V
		17978	52.97	-21.03	74	40.37	46.45	22.8	56.65	-	-	P	V
		17978	42.84	-11.16	54	30.24	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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)
		5408.88	51.09	-22.91	74	41.93	31.44	10.65	32.93	325	322	P	H
		5465.36	52.44	-15.76	68.2	43.11	31.63	10.66	32.96	325	322	P	H
		5408.56	43.12	-10.88	54	33.97	31.43	10.65	32.93	325	322	A	H
	*	5500	114.86	-	-	105.48	31.7	10.66	32.98	325	322	P	H
802.11ax	*	5500	107.7	-	-	98.32	31.7	10.66	32.98	325	322	A	H
HE20 Full		5411.44	51.17	-22.83	74	42	31.45	10.65	32.93	400	343	P	V
CH 100		5466.96	52	-16.2	68.2	42.67	31.63	10.66	32.96	400	343	P	V
5500MHz		5408.72	42.32	-11.68	54	33.17	31.43	10.65	32.93	400	343	A	V
	*	5506	112.67	-	-	103.29	31.69	10.67	32.98	400	343	P	V
	*	5506	107.03	-	-	97.65	31.69	10.67	32.98	400	343	A	V
													V
													V
		5429.68	50.94	-23.06	74	41.71	31.52	10.65	32.94	227	86	P	H
		5469.76	49.96	-18.24	68.2	40.62	31.64	10.66	32.96	227	86	P	H
		5435.44	41.75	-12.25	54	32.5	31.54	10.66	32.95	227	86	A	H
	*	5580	116.14	-	-	106.77	31.66	10.68	32.97	227	86	P	H
802.11ax	*	5580	108.73	-	-	99.36	31.66	10.68	32.97	227	86	A	H
HE20 Full		5760.275	49.44	-18.76	68.2	39.49	32.02	10.86	32.93	227	86	P	H
CH 116		5442.88	50.36	-23.64	74	41.08	31.57	10.66	32.95	100	117	P	V
5580MHz		5465.2	50.22	-17.98	68.2	40.89	31.63	10.66	32.96	100	117	P	V
		5441.92	41.67	-12.33	54	32.39	31.57	10.66	32.95	100	117	A	V
	*	5580	115.16	-	-	105.79	31.66	10.68	32.97	100	117	P	V
	*	5580	108.06	-	-	98.69	31.66	10.68	32.97	100	117	A	V
		5742.635	49.78	-18.42	68.2	39.91	31.97	10.84	32.94	100	117	P	V

	*	5700	116.81	-	-	107.15	31.8	10.8	32.94	219	115	P	H
	*	5700	108.97	-	-	99.31	31.8	10.8	32.94	219	115	A	H
		5725	53.91	-14.29	68.2	44.13	31.9	10.82	32.94	219	115	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	115.76	-	-	106.1	31.8	10.8	32.94	100	105	P	V
5700MHz	*	5700	107.59	-	-	97.93	31.8	10.8	32.94	100	105	A	V
		5729.4	52.67	-15.53	68.2	42.86	31.92	10.83	32.94	100	105	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. 1+2+3+4	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)
		11000	52.55	-21.45	74	56.48	40.3	17.27	61.5	190	2	P	H
		11000	48.84	-5.16	54	52.77	40.3	17.27	61.5	190	2	A	H
		13358	46.34	-27.66	74	50.48	39.89	19.04	63.07	-	-	P	H
		14491	46.96	-27.04	74	48.77	41.3	19.9	63.01	-	-	P	H
		16500	45.16	-23.04	68.2	45.14	39.1	21.42	60.5	-	-	P	H
		17967	53.49	-20.51	74	41.11	46.27	22.79	56.68	-	-	P	H
		17967	43.45	-10.55	54	31.07	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	53.85	-20.15	74	57.78	40.3	17.27	61.5	165	345	P	V
5500MHz		11000	50.09	-3.91	54	54.02	40.3	17.27	61.5	165	345	A	V
		13391	46.2	-27.8	74	50.17	40.06	19.05	63.08	-	-	P	V
		14491	47.44	-26.56	74	49.25	41.3	19.9	63.01	-	-	P	V
		16500	45.36	-22.84	68.2	45.34	39.1	21.42	60.5	-	-	P	V
		17967	54.15	-19.85	74	41.77	46.27	22.79	56.68	-	-	P	V
		17967	43.87	-10.13	54	31.49	46.27	22.79	56.68	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11160	56.24	-17.76	74	60.79	39.72	17.42	61.69	249	242	P	H
		11160	47.33	-6.67	54	51.88	39.72	17.42	61.69	249	242	A	H
		13336	45.98	-28.02	74	50.24	39.78	19.03	63.07	-	-	P	H
		14491	47.26	-26.74	74	49.07	41.3	19.9	63.01	-	-	P	H
		16740	46.56	-21.64	68.2	45.09	39.7	21.6	59.83	-	-	P	H
		18000	54.58	-19.42	74	41.56	46.8	22.82	56.6	-	-	P	H
		18000	44.28	-9.72	54	31.26	46.8	22.82	56.6	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	54.48	-19.52	74	59.03	39.72	17.42	61.69	400	21	P	V
5580MHz		11160	47.79	-6.21	54	52.34	39.72	17.42	61.69	400	21	A	V
		13391	46.15	-27.85	74	50.12	40.06	19.05	63.08	-	-	P	V
		14491	46.81	-27.19	74	48.62	41.3	19.9	63.01	-	-	P	V
		16740	46.37	-21.83	68.2	44.9	39.7	21.6	59.83	-	-	P	V
		18000	53.84	-20.16	74	40.82	46.8	22.82	56.6	-	-	P	V
		18000	44.06	-9.94	54	31.04	46.8	22.82	56.6	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11400	56.83	-17.17	74	61.26	39.9	17.65	61.98	246	239	P	H
		11400	50.73	-3.27	54	55.16	39.9	17.65	61.98	246	239	A	H
		13325	46.52	-27.48	74	50.83	39.72	19.03	63.06	-	-	P	H
		14491	47.17	-26.83	74	48.98	41.3	19.9	63.01	-	-	P	H
		17100	47.44	-20.76	68.2	44.1	40.3	21.88	58.84	-	-	P	H
		17978	54.08	-19.92	74	41.48	46.45	22.8	56.65	-	-	P	H
		17978	43.34	-10.66	54	30.74	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	57.44	-16.56	74	61.87	39.9	17.65	61.98	173	170	P	V
5700MHz		11400	51.54	-2.46	54	55.97	39.9	17.65	61.98	173	170	A	V
		13347	47.39	-26.61	74	51.59	39.83	19.04	63.07	-	-	P	V
		14491	47.22	-26.78	74	49.03	41.3	19.9	63.01	-	-	P	V
		17100	49.7	-18.5	68.2	46.36	40.3	21.88	58.84	-	-	P	V
		17989	52.88	-21.12	74	40.08	46.62	22.81	56.63	-	-	P	V
		17989	43.04	-10.96	54	30.24	46.62	22.81	56.63	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2+3+4	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)
		5456.56	53.36	-20.64	74	44.05	31.61	10.66	32.96	332	332	P	H
		5464.24	54.63	-13.57	68.2	45.3	31.63	10.66	32.96	332	332	P	H
		5455.84	43.16	-10.84	54	33.85	31.61	10.66	32.96	332	332	A	H
	*	5510	111.94	-	-	102.57	31.68	10.67	32.98	332	332	P	H
802.11ax	*	5510	104.87	-	-	95.5	31.68	10.67	32.98	332	332	A	H
HE40 Full		5745.785	50.3	-17.9	68.2	40.41	31.98	10.85	32.94	332	332	P	H
CH 102		5451.52	52.3	-21.7	74	42.99	31.6	10.66	32.95	355	302	P	V
5510MHz		5464.48	57.41	-10.79	68.2	48.08	31.63	10.66	32.96	355	302	P	V
		5459.68	42.69	-11.31	54	33.37	31.62	10.66	32.96	355	302	A	V
	*	5510	111.98	-	-	102.61	31.68	10.67	32.98	355	302	P	V
	*	5510	104.15	-	-	94.78	31.68	10.67	32.98	355	302	A	V
		5763.74	50.23	-17.97	68.2	40.26	32.03	10.87	32.93	355	302	P	V
		5447.44	51.58	-22.42	74	42.28	31.59	10.66	32.95	318	332	P	H
		5468.56	50.9	-17.3	68.2	41.56	31.64	10.66	32.96	318	332	P	H
		5448.88	43.18	-10.82	54	33.87	31.6	10.66	32.95	318	332	A	H
	*	5550	113.12	-	-	103.82	31.6	10.67	32.97	318	332	P	H
802.11ax	*	5550	105.12	-	-	95.82	31.6	10.67	32.97	318	332	A	H
HE40 Full		5729.405	50.51	-17.69	68.2	40.7	31.92	10.83	32.94	318	332	P	H
CH 110		5447.68	52.11	-21.89	74	42.81	31.59	10.66	32.95	369	346	P	V
5550MHz		5462.08	50.29	-17.91	68.2	40.97	31.62	10.66	32.96	369	346	P	V
		5449.12	42.41	-11.59	54	33.1	31.6	10.66	32.95	369	346	A	V
	*	5550	114.01	-	-	104.71	31.6	10.67	32.97	369	346	P	V
	*	5550	105.28	-	-	95.98	31.6	10.67	32.97	369	346	A	V
		5748.935	50.69	-17.51	68.2	40.78	32	10.85	32.94	369	346	P	V

		5433.3	49	-25	74	39.77	31.53	10.65	32.95	211	125	P	H
		5466.9	49.74	-18.46	68.2	40.41	31.63	10.66	32.96	211	125	P	H
		5448.7	40.99	-13.01	54	31.69	31.59	10.66	32.95	211	125	A	H
	*	5670	113.53	-	-	103.92	31.8	10.76	32.95	211	125	P	H
802.11ax	*	5670	105.1	-	-	95.49	31.8	10.76	32.95	211	125	A	H
HE40 Full		5758.7	51.82	-16.38	68.2	41.87	32.02	10.86	32.93	211	125	P	H
CH 134		5439.25	49.81	-24.19	74	40.54	31.56	10.66	32.95	225	306	P	V
5670MHz		5464.8	48.96	-19.24	68.2	39.63	31.63	10.66	32.96	225	306	P	V
		5458.15	41.45	-12.55	54	32.13	31.62	10.66	32.96	225	306	A	V
	*	5670	115.44	-	-	105.83	31.8	10.76	32.95	225	306	P	V
	*	5670	107.16	-	-	97.55	31.8	10.76	32.95	225	306	A	V
		5736.65	52.9	-15.3	68.2	43.05	31.95	10.84	32.94	225	306	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. 1+2+3+4	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)
		11020	52.67	-21.33	74	56.68	40.22	17.29	61.52	240	240	P	H
		11020	46.13	-7.87	54	50.14	40.22	17.29	61.52	240	240	A	H
		13391	46.29	-27.71	74	50.26	40.06	19.05	63.08	-	-	P	H
		14491	47.11	-26.89	74	48.92	41.3	19.9	63.01	-	-	P	H
		16530	46.13	-22.07	68.2	46.03	39.07	21.45	60.42	-	-	P	H
		17989	53.48	-20.52	74	40.68	46.62	22.81	56.63	-	-	P	H
		17989	43.13	-10.87	54	30.33	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	53.02	-20.98	74	57.03	40.22	17.29	61.52	184	186	P	V
5510MHz		11020	45.94	-8.06	54	49.95	40.22	17.29	61.52	184	186	A	V
		13336	46.47	-27.53	74	50.73	39.78	19.03	63.07	-	-	P	V
		14491	46.13	-27.87	74	47.94	41.3	19.9	63.01	-	-	P	V
		16530	45.35	-22.85	68.2	45.25	39.07	21.45	60.42	-	-	P	V
		17978	53.79	-20.21	74	41.19	46.45	22.8	56.65	-	-	P	V
		17978	43.44	-10.56	54	30.84	46.45	22.8	56.65	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11100	50.09	-23.91	74	54.45	39.9	17.36	61.62	206	241	P	H
		11100	40.13	-13.87	54	44.49	39.9	17.36	61.62	206	241	A	H
		13281	45.63	-28.37	74	50.09	39.58	19.02	63.06	-	-	P	H
		14491	46.81	-27.19	74	48.62	41.3	19.9	63.01	-	-	P	H
		16650	45.81	-22.39	68.2	45.11	39.25	21.53	60.08	-	-	P	H
		17967	53.33	-20.67	74	40.95	46.27	22.79	56.68	-	-	P	H
		17967	42.92	-11.08	54	30.54	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	49.37	-24.63	74	53.73	39.9	17.36	61.62	208	247	P	V
5550MHz		11100	40.95	-13.05	54	45.31	39.9	17.36	61.62	208	247	A	V
		13347	46.11	-27.89	74	50.31	39.83	19.04	63.07	-	-	P	V
		14491	46.31	-27.69	74	48.12	41.3	19.9	63.01	-	-	P	V
		16650	46.25	-21.95	68.2	45.55	39.25	21.53	60.08	-	-	P	V
		17989	53.58	-20.42	74	40.78	46.62	22.81	56.63	-	-	P	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11340	54.12	-19.88	74	58.66	39.78	17.59	61.91	243	234	P	H
		11340	46.02	-7.98	54	50.56	39.78	17.59	61.91	243	234	A	H
		13369	46.94	-27.06	74	51.03	39.94	19.04	63.07	-	-	P	H
		14491	46.92	-27.08	74	48.73	41.3	19.9	63.01	-	-	P	H
		17010	46.14	-22.06	68.2	43.3	40.12	21.79	59.07	-	-	P	H
		17967	54.03	-19.97	74	41.65	46.27	22.79	56.68	-	-	P	H
		17967	43.51	-10.49	54	31.13	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	55.03	-18.97	74	59.57	39.78	17.59	61.91	138	171	P	V
5670MHz		11340	46.61	-7.39	54	51.15	39.78	17.59	61.91	138	171	A	V
		13347	46.67	-27.33	74	50.87	39.83	19.04	63.07	-	-	P	V
		14491	46.31	-27.69	74	48.12	41.3	19.9	63.01	-	-	P	V
		17010	47.35	-20.85	68.2	44.51	40.12	21.79	59.07	-	-	P	V
		18000	53.94	-20.06	74	40.92	46.8	22.82	56.6	-	-	P	V
		18000	43.74	-10.26	54	30.72	46.8	22.82	56.6	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5452	57.66	-16.34	74	48.36	31.6	10.66	32.96	362	268	P	H
		5468.08	57.89	-10.31	68.2	48.55	31.64	10.66	32.96	362	268	P	H
		5451.04	48.79	-5.21	54	39.48	31.6	10.66	32.95	362	268	A	H
	*	5530	105.61	-	-	96.27	31.64	10.67	32.97	362	268	P	H
802.11ax	*	5530	102.45	-	-	93.11	31.64	10.67	32.97	362	268	A	H
HE80 Full		5747.045	50.67	-17.53	68.2	40.77	31.99	10.85	32.94	362	268	P	H
CH 106		5452.48	55.96	-18.04	74	46.66	31.6	10.66	32.96	400	269	P	V
5530MHz		5462.56	55.36	-12.84	68.2	46.03	31.63	10.66	32.96	400	269	P	V
		5452.72	48.14	-5.86	54	38.83	31.61	10.66	32.96	400	269	A	V
	*	5530	106.58	-	-	97.24	31.64	10.67	32.97	400	269	P	V
	*	5530	105.8	-	-	96.46	31.64	10.67	32.97	400	269	A	V
		5743.895	51.5	-16.7	68.2	41.61	31.98	10.85	32.94	400	269	P	V
		5376.25	49.87	-24.13	74	40.85	31.31	10.63	32.92	400	301	P	H
		5460.6	48.47	-19.73	68.2	39.15	31.62	10.66	32.96	400	301	P	H
		5375.9	43.04	-10.96	54	34.04	31.3	10.62	32.92	400	301	A	H
	*	5610	115.71	-	-	106.24	31.73	10.7	32.96	400	301	P	H
802.11ax	*	5610	108.41	-	-	98.94	31.73	10.7	32.96	400	301	A	H
HE80 Full		5730.7	51.96	-16.24	68.2	42.15	31.92	10.83	32.94	400	301	P	H
CH 122		5452.2	51.17	-22.83	74	41.87	31.6	10.66	32.96	362	260	P	V
5610MHz		5468.65	51.61	-16.59	68.2	42.27	31.64	10.66	32.96	362	260	P	V
		5375.9	42.43	-11.57	54	33.43	31.3	10.62	32.92	362	260	A	V
	*	5610	110.65	-	-	101.2	31.72	10.69	32.96	362	260	P	V
	*	5610	104.94	-	-	95.49	31.72	10.69	32.96	362	260	A	V
		5751.7	52.46	-15.74	68.2	42.54	32	10.85	32.93	362	260	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11060	51.18	-22.82	74	55.36	40.06	17.33	61.57	243	252	P	H
		11060	43.4	-10.6	54	47.58	40.06	17.33	61.57	243	252	A	H
		13314	46.22	-27.78	74	50.58	39.67	19.03	63.06	-	-	P	H
		14491	46.53	-27.47	74	48.34	41.3	19.9	63.01	-	-	P	H
		16592	48.64	-19.56	68.2	48.38	39.01	21.49	60.24	-	-	P	H
		17967	53.01	-20.99	74	40.63	46.27	22.79	56.68	-	-	P	H
		17967	42.7	-11.3	54	30.32	46.27	22.79	56.68	-	-	A	H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	48.78	-25.22	74	52.96	40.06	17.33	61.57	168	263	P	V
5530MHz		11060	38.58	-15.42	54	42.76	40.06	17.33	61.57	168	263	A	V
		13391	45.7	-28.3	74	49.67	40.06	19.05	63.08	-	-	P	V
		14491	46.72	-27.28	74	48.53	41.3	19.9	63.01	-	-	P	V
		16590	48.2	-20	68.2	47.95	39.01	21.49	60.25	-	-	P	V
		17989	53.58	-20.42	74	40.78	46.62	22.81	56.63	-	-	P	V
		17989	43.03	-10.97	54	30.23	46.62	22.81	56.63	-	-	A	V
													V
													V
													V
													V
													V

WIFI Ant. 1+2+3+4	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)
		11220	55.59	-18.41	74	60.25	39.62	17.48	61.76	248	241	P	H
		11220	46.83	-7.17	54	51.49	39.62	17.48	61.76	248	241	A	H
		13391	46.42	-27.58	74	50.39	40.06	19.05	63.08	-	-	P	H
		14491	47.36	-26.64	74	49.17	41.3	19.9	63.01	-	-	P	H
		16830	47.86	-20.34	68.2	45.81	39.97	21.66	59.58	-	-	P	H
		17978	52.34	-21.66	74	39.74	46.45	22.8	56.65	-	-	P	H
		17978	42.61	-11.39	54	30.01	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	52.92	-21.08	74	57.58	39.62	17.48	61.76	180	177	P	V
5610MHz		11220	44.69	-9.31	54	49.35	39.62	17.48	61.76	180	177	A	V
		13347	46.46	-27.54	74	50.66	39.83	19.04	63.07	-	-	P	V
		14491	45.94	-28.06	74	47.75	41.3	19.9	63.01	-	-	P	V
		16830	46.86	-21.34	68.2	44.81	39.97	21.66	59.58	-	-	P	V
		17978	52.45	-21.55	74	39.85	46.45	22.8	56.65	-	-	P	V
		17978	42.65	-11.35	54	30.05	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

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

WIFI Ant. 1+2+3+4	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)
		5399.14	50.71	-23.29	74	41.59	31.4	10.65	32.93	220	108	P	H
		5469.73	49.23	-18.97	68.2	39.89	31.64	10.66	32.96	220	108	P	H
		5376.13	42.62	-11.38	54	33.62	31.3	10.62	32.92	220	108	A	H
	*	5720	117.32	-	-	107.56	31.88	10.82	32.94	220	108	P	H
802.11ax	*	5720	109.73	-	-	99.97	31.88	10.82	32.94	220	108	A	H
HE20 Full		5863.5	49.95	-18.25	68.2	39.56	32.33	10.97	32.91	220	108	P	H
CH 144		5422.15	49.58	-24.42	74	40.38	31.49	10.65	32.94	100	113	P	V
5720MHz		5460.76	50.27	-17.93	68.2	40.95	31.62	10.66	32.96	100	113	P	V
		5438.14	41.96	-12.04	54	32.7	31.55	10.66	32.95	100	113	A	V
	*	5720	115.99	-	-	106.23	31.88	10.82	32.94	100	113	P	V
	*	5720	108.63	-	-	98.87	31.88	10.82	32.94	100	113	A	V
		5933.75	50.93	-17.27	68.2	40.4	32.4	11.03	32.9	100	113	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. 1+2+3+4	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)
		11440	60.83	-13.17	74	65.27	39.9	17.69	62.03	242	243	P	H
		11440	51.34	-2.66	54	55.78	39.9	17.69	62.03	242	243	A	H
		13391	46.61	-27.39	74	50.58	40.06	19.05	63.08	-	-	P	H
		14491	47.99	-26.01	74	49.8	41.3	19.9	63.01	-	-	P	H
		17160	47.31	-20.89	68.2	43.75	40.3	21.94	58.68	-	-	P	H
		17978	53.05	-20.95	74	40.45	46.45	22.8	56.65	-	-	P	H
		17978	42.61	-11.39	54	30.01	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	56.72	-17.28	74	61.16	39.9	17.69	62.03	183	192	P	V
5720MHz		11440	46.56	-7.44	54	51	39.9	17.69	62.03	183	192	A	V
		13358	46	-28	74	50.14	39.89	19.04	63.07	-	-	P	V
		14491	46.68	-27.32	74	48.49	41.3	19.9	63.01	-	-	P	V
		17160	47.91	-20.29	68.2	44.35	40.3	21.94	58.68	-	-	P	V
		17967	53.65	-20.35	74	41.27	46.27	22.79	56.68	-	-	P	V
		17967	42.52	-11.48	54	30.14	46.27	22.79	56.68	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - Straddle Channel

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

WIFI Ant. 1+2+3+4	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 HE40 Full CH 142 5710MHz		5413.18	49.6	-24.4	74	40.43	31.45	10.65	32.93	232	297	P	H
		5462.71	47.73	-20.47	68.2	38.4	31.63	10.66	32.96	232	297	P	H
		5376.13	42.29	-11.71	54	33.29	31.3	10.62	32.92	232	297	A	H
	*	5710	116.07	-	-	106.36	31.84	10.81	32.94	232	297	P	H
	*	5710	108.2	-	-	98.49	31.84	10.81	32.94	232	297	A	H
		5914.25	49.97	-18.23	68.2	39.47	32.4	11.01	32.91	232	297	P	H
		5450.23	51	-23	74	41.69	31.6	10.66	32.95	400	359	P	V
		5469.34	49.96	-18.24	68.2	40.62	31.64	10.66	32.96	400	359	P	V
		5429.95	41.37	-12.63	54	32.14	31.52	10.65	32.94	400	359	A	V
	*	5710	112.8	-	-	103.09	31.84	10.81	32.94	400	359	P	V
	*	5710	107.26	-	-	97.55	31.84	10.81	32.94	400	359	A	V
		5942	51.09	-17.11	68.2	40.55	32.4	11.04	32.9	400	359	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. 1+2+3+4	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)
		11420	58.83	-15.17	74	63.26	39.9	17.67	62	249	240	P	H
		11420	50.18	-3.82	54	54.61	39.9	17.67	62	249	240	A	H
		13358	46.68	-27.32	74	50.82	39.89	19.04	63.07	-	-	P	H
		14491	46.59	-27.41	74	48.4	41.3	19.9	63.01	-	-	P	H
		17130	46.62	-21.58	68.2	43.17	40.3	21.91	58.76	-	-	P	H
		17989	54.45	-19.55	74	41.65	46.62	22.81	56.63	-	-	P	H
		17989	44.24	-9.76	54	31.44	46.62	22.81	56.63	-	-	A	H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	59.83	-14.17	74	64.26	39.9	17.67	62	180	177	P	V
5710MHz		11420	51.53	-2.47	54	55.96	39.9	17.67	62	180	177	A	V
		13303	45.57	-28.43	74	50	39.61	19.02	63.06	-	-	P	V
		14491	47.91	-26.09	74	49.72	41.3	19.9	63.01	-	-	P	V
		17130	46.86	-21.34	68.2	43.41	40.3	21.91	58.76	-	-	P	V
		17978	54.31	-19.69	74	41.71	46.45	22.8	56.65	-	-	P	V
		17978	44.43	-9.57	54	31.83	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 Straddle Channel

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5402.26	50.07	-23.93	74	40.94	31.41	10.65	32.93	395	260	P	H
		5461.54	49.81	-18.39	68.2	40.49	31.62	10.66	32.96	395	260	P	H
		5376.13	42.13	-11.87	54	33.13	31.3	10.62	32.92	395	260	A	H
	*	5690	114.56	-	-	104.93	31.8	10.78	32.95	395	260	P	H
802.11ax	*	5690	106.68	-	-	97.05	31.8	10.78	32.95	395	260	A	H
HE80 Full		5874.4	50.58	-17.62	68.2	40.16	32.35	10.98	32.91	395	260	P	H
CH 138		5418.25	50.43	-23.57	74	41.25	31.47	10.65	32.94	373	278	P	V
5690MHz		5462.71	49.12	-19.08	68.2	39.79	31.63	10.66	32.96	373	278	P	V
		5376.13	41.28	-12.72	54	32.28	31.3	10.62	32.92	373	278	A	V
	*	5690	112.43	-	-	102.8	31.8	10.78	32.95	373	278	P	V
	*	5690	99.4	-	-	89.77	31.8	10.78	32.95	373	278	A	V
		5946.1	50.63	-17.57	68.2	40.09	32.4	11.04	32.9	373	278	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11380	54.3	-19.7	74	58.77	39.86	17.63	61.96	246	240	P	H
		11380	45.41	-8.59	54	49.88	39.86	17.63	61.96	246	240	A	H
		13303	46.31	-27.69	74	50.74	39.61	19.02	63.06	-	-	P	H
		14491	47.65	-26.35	74	49.46	41.3	19.9	63.01	-	-	P	H
		17070	48.86	-19.34	68.2	45.69	40.24	21.85	58.92	-	-	P	H
		17978	52.41	-21.59	74	39.81	46.45	22.8	56.65	-	-	P	H
		17978	42.68	-11.32	54	30.08	46.45	22.8	56.65	-	-	A	H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	53.72	-20.28	74	58.19	39.86	17.63	61.96	177	168	P	V
5690MHz		11380	44.5	-9.5	54	48.97	39.86	17.63	61.96	177	168	A	V
		13391	47.17	-26.83	74	51.14	40.06	19.05	63.08	-	-	P	V
		14491	46.08	-27.92	74	47.89	41.3	19.9	63.01	-	-	P	V
		17070	48.14	-20.06	68.2	44.97	40.24	21.85	58.92	-	-	P	V
		17978	53.18	-20.82	74	40.58	46.45	22.8	56.65	-	-	P	V
		17978	42.59	-11.41	54	29.99	46.45	22.8	56.65	-	-	A	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 with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is 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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(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 :	Daniel Lee, James Chiu, and Troye Hsieh	**Temperature :**	20.1~27.5°C
		Relative Humidity :	52.9~69.4%

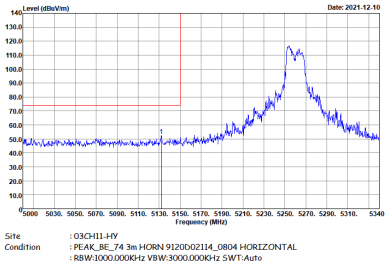
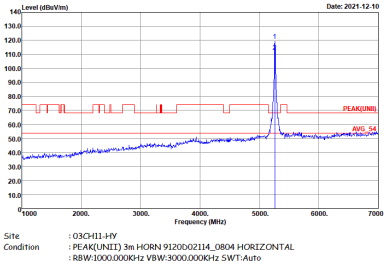
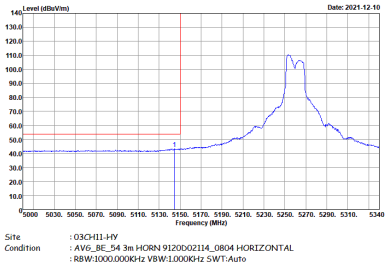
Note symbol

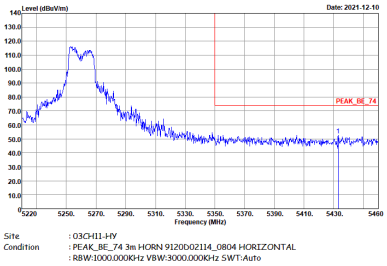
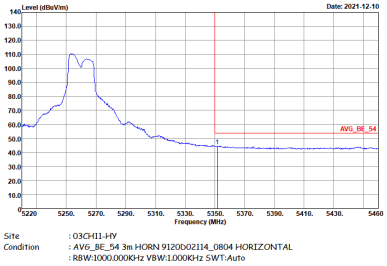
-L	**Low channel location**
-R	**High channel location**

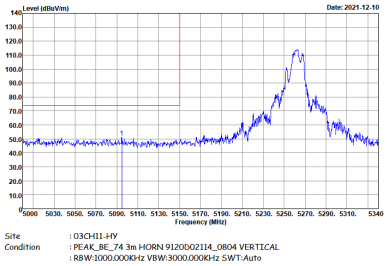
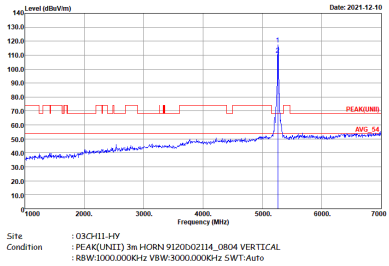
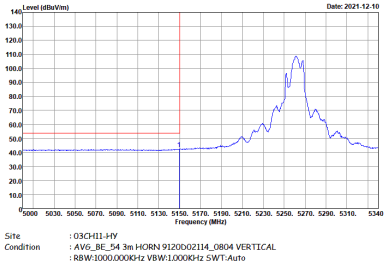
<CDD Mode>

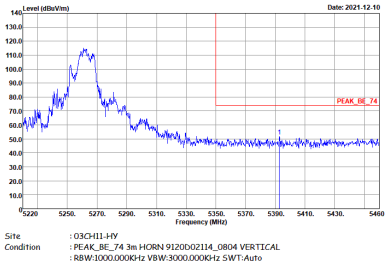
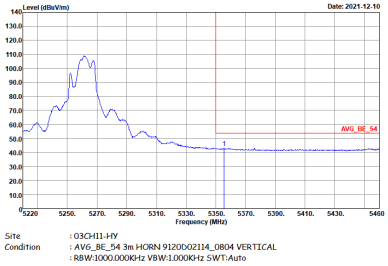
Band 2 - 5250~5350MHz

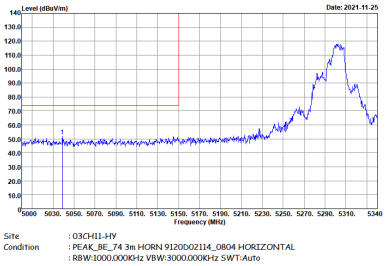
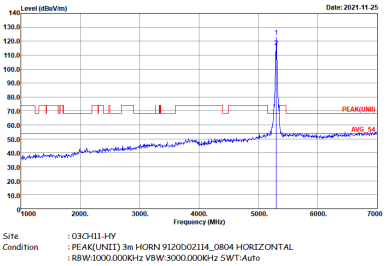
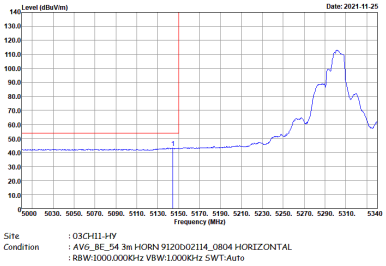
WIFI 802.11a (Band Edge @ 3m)

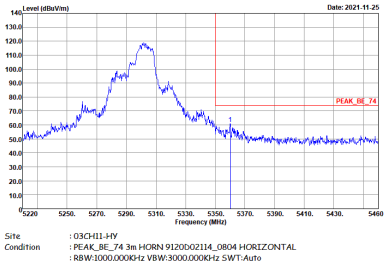
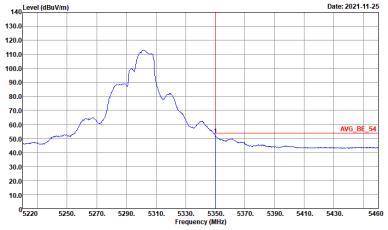
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2+3+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

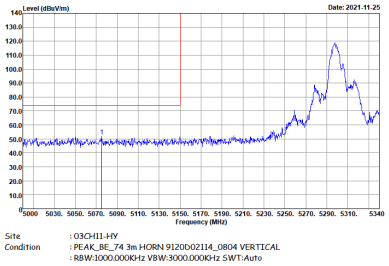
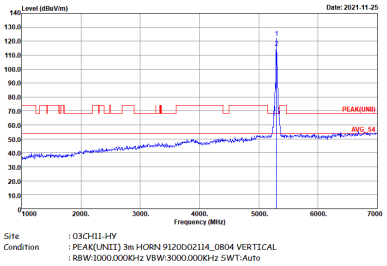
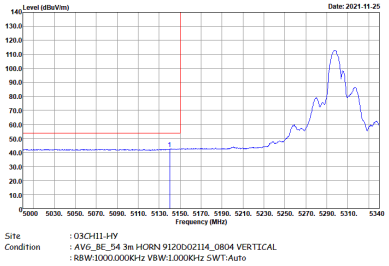
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2+3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

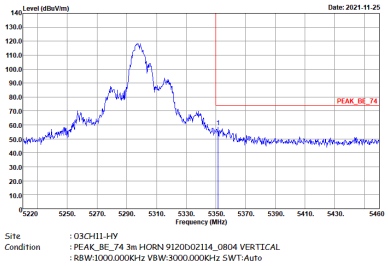
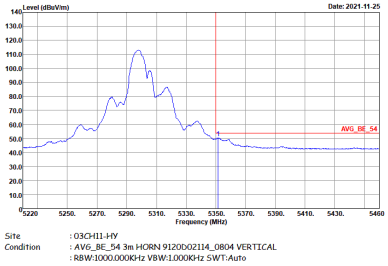
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2+3+4	Vertical	Fundamental
Peak		
Avg.		Left blank

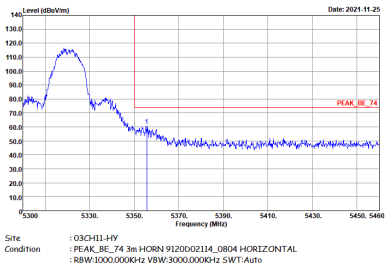
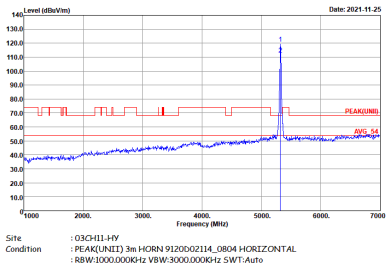
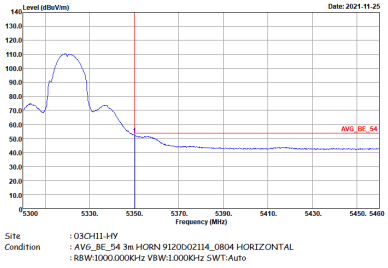
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2+3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

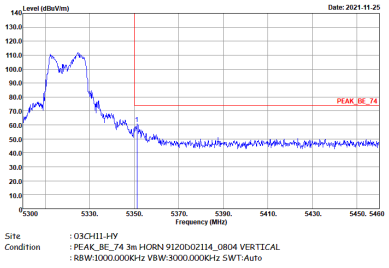
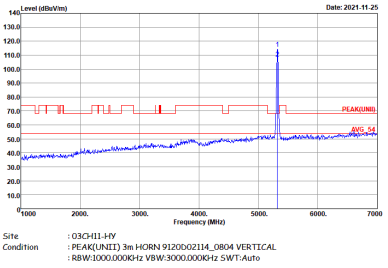
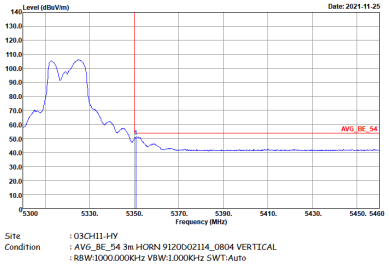
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2+3+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2+3+4	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D02114_0804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D02114_0804 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

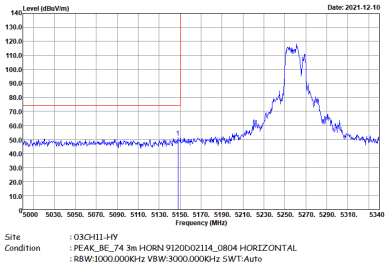
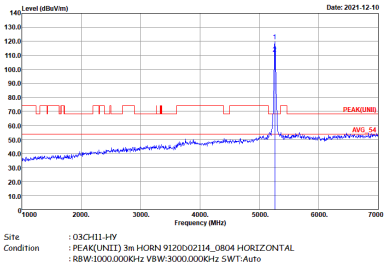
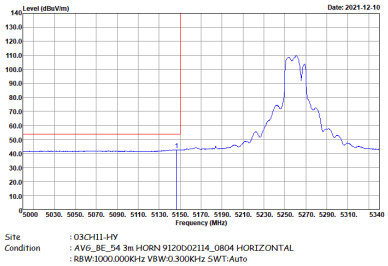
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2+3+4	Vertical	Fundamental
Peak		
Avg.		Left blank

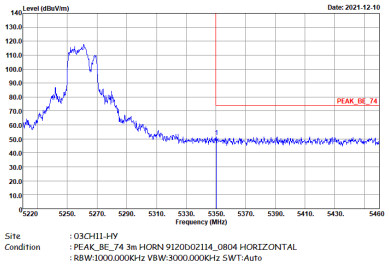
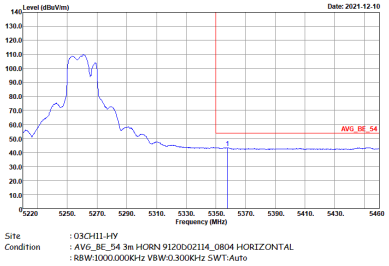
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2+3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

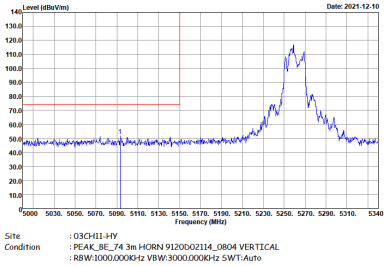
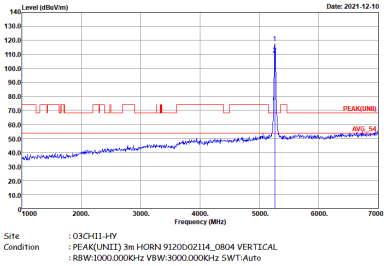
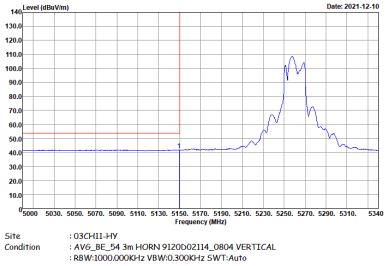
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2+3+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

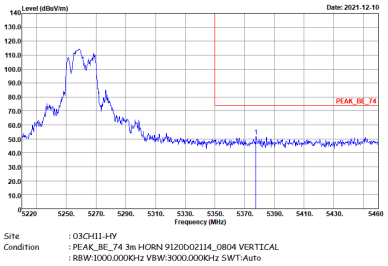
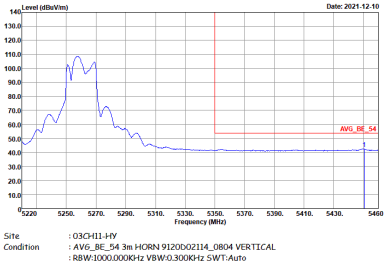
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2+3+4	Vertical	Fundamental
Peak		
Avg.		Left blank

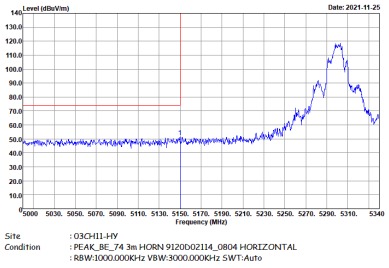
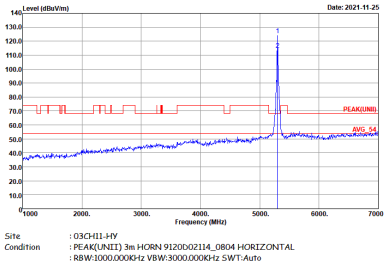
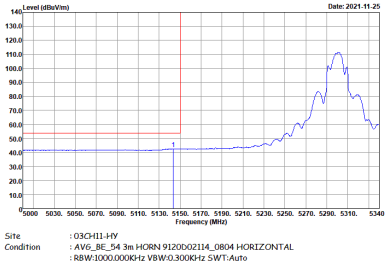
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

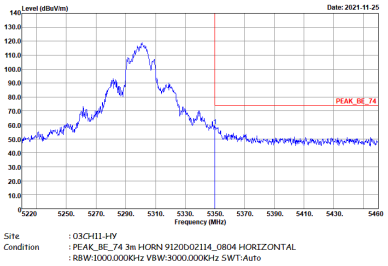
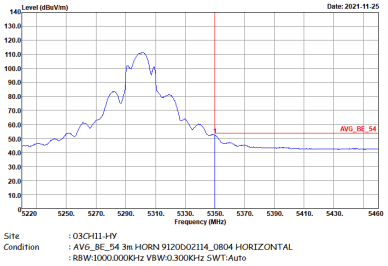
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2+3+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

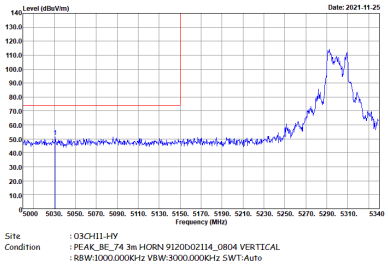
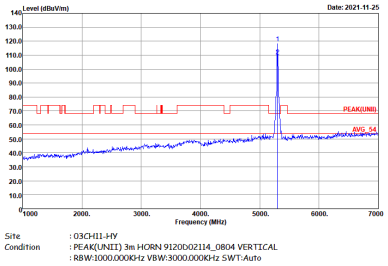
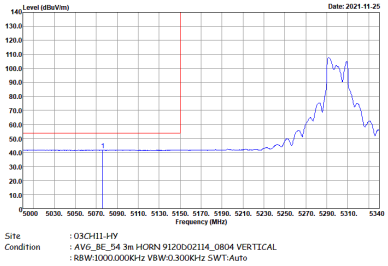
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2+3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

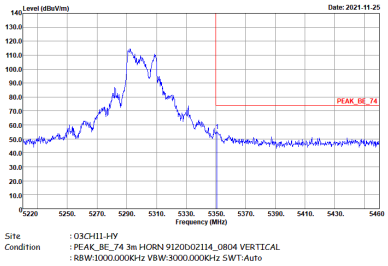
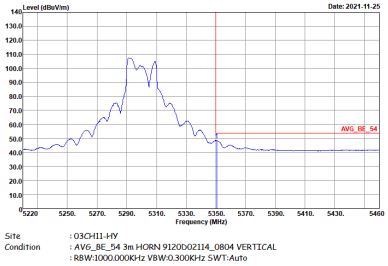
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2+3+4	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2+3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2+3+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2+3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2+3+4	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2+3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank