



# FCC RADIO TEST REPORT

**FCC ID** : 2AG7G-F1A  
**Equipment** : Plume Adaptive WiFi  
**Brand Name** : Plume Design Inc  
**Model Name** : F1A  
**Applicant** : Plume Design Inc  
290 S California Ave, Suite 200, Palo Alto, CA 94306, USA  
**Manufacturer** : Plume Design Inc  
290 S California Ave, Suite 200, Palo Alto, CA 94306, USA  
**Standard** : FCC Part 15 Subpart E §15.407

The product was received on Apr. 27, 2020 and testing was started from May 27, 2020 and completed on Sep. 19, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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### History of this test report

Report No.	Version	Description	Issued Date
FR031701C	01	Initial issue of report	Sep. 25, 2020
FR031701C	02	Revise test data rate	Sep. 30, 2020
FR031701C	03	Revise Equipment Name	Nov. 04, 2020



## 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	Under limit 1.10 dB at 10640.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 2.52 dB at 0.449 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	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 declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Wii Chang****Report Producer: Ruby Zou**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WLAN <2400 MHz ~ 2483.5 MHz> <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna <5180 MHz ~ 5320 MHz> <Ant. 1>: IFA/Slot Antenna <Ant. 2>: IFA/Slot Antenna <Ant. 3>: IFA/Slot Antenna <Ant. 4>: IFA/Slot Antenna <5500 MHz ~ 5825 MHz> <Ant. 1>: IFA/Slot Antenna <Ant. 2>: IFA/Slot Antenna Bluetooth: Slot Antenna UWB: <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna

## 1.2 Modification of EUT

No modifications are made to the EUT during all test items.



### 1.3 Testing Location

<b>Test Site</b>	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
<b>Test Site Location</b>	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	TH05-HY	CO05-HY

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

<b>Test Site</b>	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
<b>Test Site Location</b>	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	03CH16-HY	

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

FCC designation No.: TW1190 and TW0007

### 1.4 Applicable Standards

According to the specifications of 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 test items were verified and recorded according to the standards and without any deviation during the test.
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, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

### 2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 <sup>#</sup>	5210	50 <sup>@</sup>	5250

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 <sup>#</sup>	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 <sup>#</sup>	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 <sup>#</sup>	5610	128	5640

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

**Note:**

1. The above Frequency and Channel in "\*" were 802.11n HT40 and 802.11ac VHT40, and 802.11ax HE40.
2. The above Frequency and Channel in "<sup>#</sup>" were 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel in "@<sup>#</sup>" were 802.11ac VHT160 and 802.11ax HE160.





## 2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

### MIMO 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
802.11ac VHT160 (Covered by HE160)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

### TXBF Mode

Modulation	Data Rate
802.11a	MCS0
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
802.11ac VHT160 (Covered by HE160)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

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



<CDD Mode>

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

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

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

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725 MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

Ch. #		Band I : 5150-5250 MHz		
		802.11ax HE160		
L	Low	50		
M	Middle	-		
H	High	-		



<TXBF Mode>

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

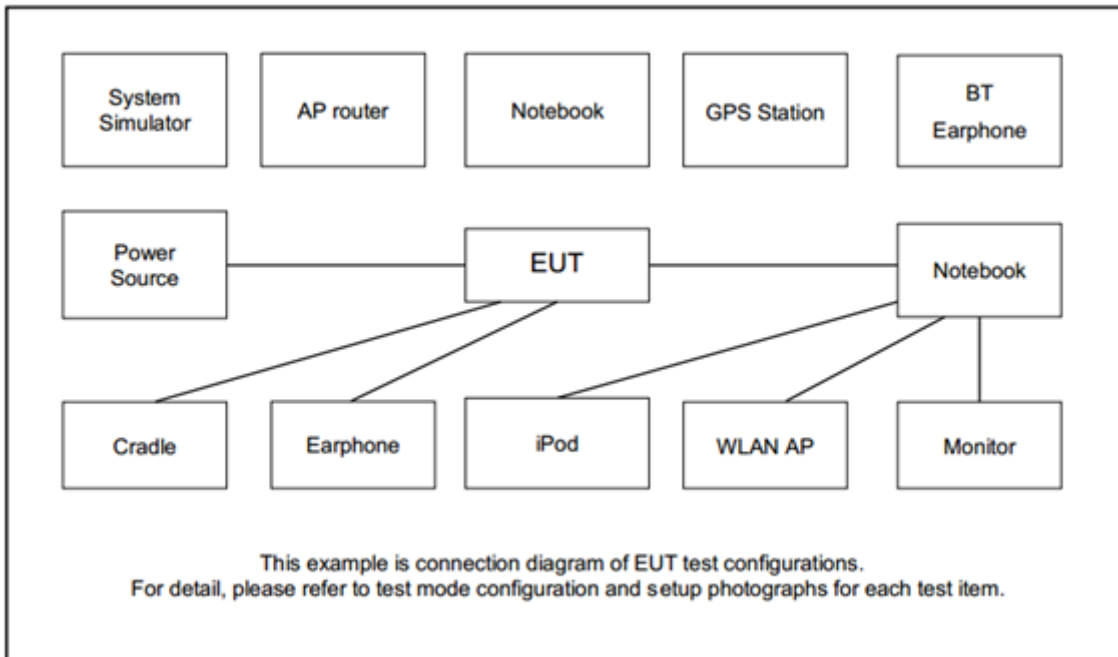
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725 MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725 MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

Ch. #		Band I : 5150-5250 MHz		
		802.11ax HE160		
L	Low	50		
M	Middle	-		
H	High	-		

Remark: For radiation spurious emission, the final modulation and the worst data rate was reference 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.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
2.	Mobile Phone	SAMSUNG	SM-A730F/DS	N/A	N/A	N/A



## 2.5 EUT Operation Test Setup

The RF test items, utility “accessMTool\_REL\_3\_1\_0\_1” 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 0.62” 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 10dB attenuator.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.2 + 10 = 14.2 \text{ (dB)} \end{aligned}$$

### 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.

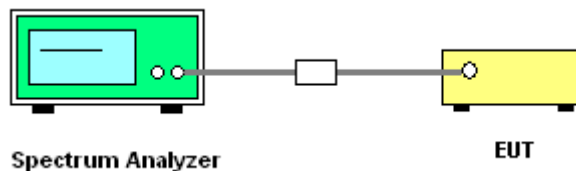
##### 3.1.2 Measuring Instruments

See list of measuring equipment of 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)  $\geq 3 * RBW$ .
8. Measure and record the results in the test report.

##### 3.1.4 Test Setup

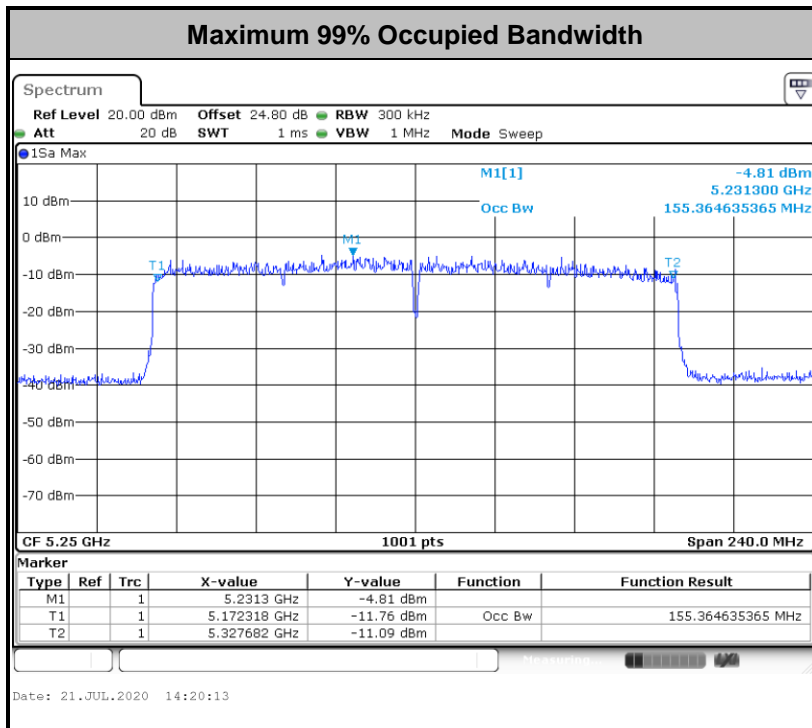
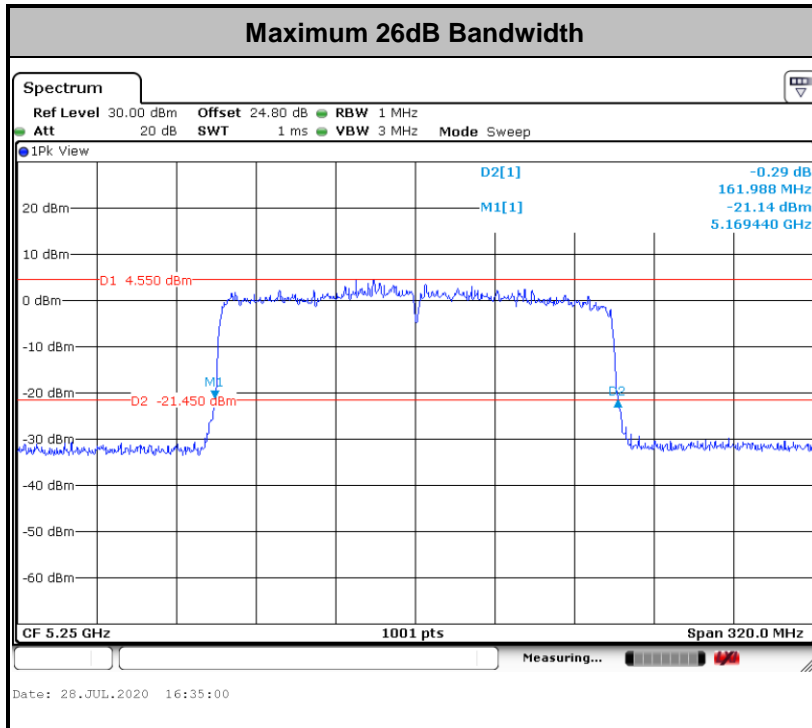


##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



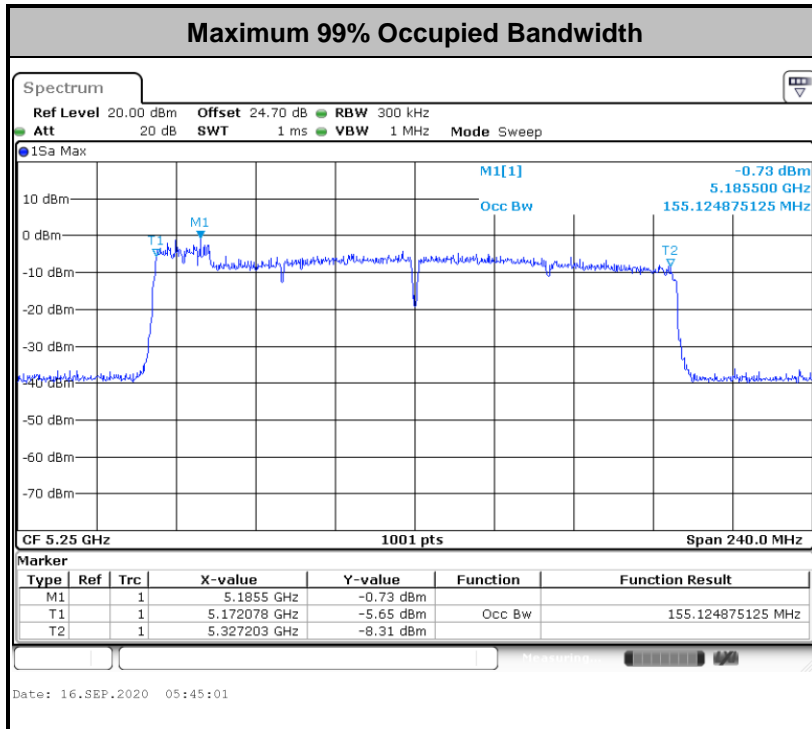
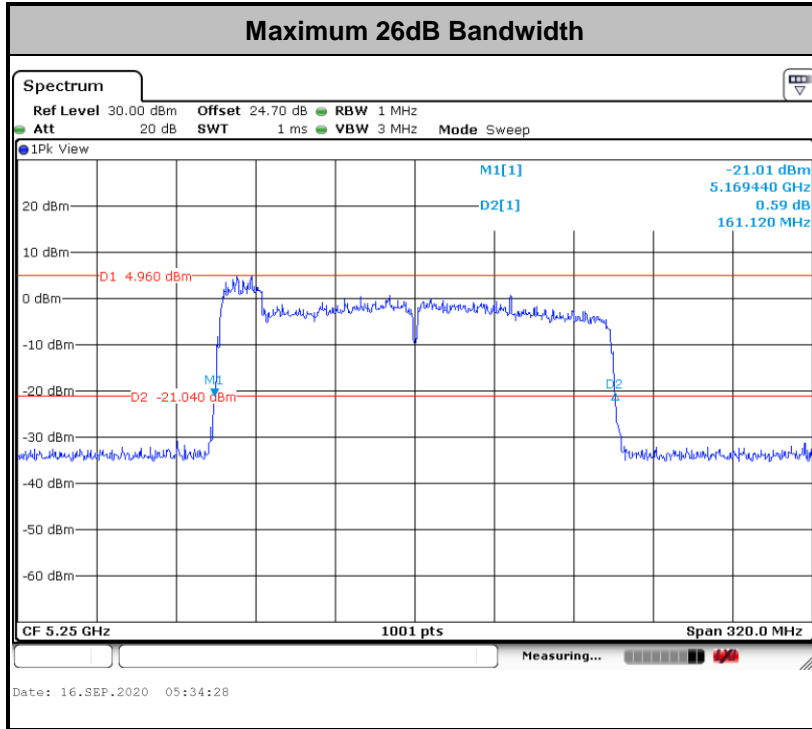
<CDD Mode>



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



<TXBF Modes>



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





## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

**For the 5.15–5.25 GHz bands:**

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

**For the 5.25–5.725 GHz bands:**

- The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , 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

See list of measuring equipment of this test report.

### 3.2.3 Test Procedures

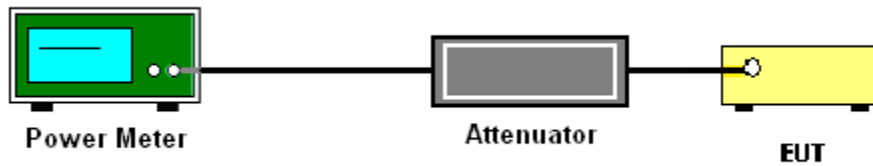
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using an 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.

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

##### <FCC 14-30 CFR 15.407>

##### **For the 5.15–5.25 GHz bands:**

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

##### **For the 5.25–5.725 GHz bands:**

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

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

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

#### 3.3.2 Measuring Instruments

See list of measuring equipment of 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):

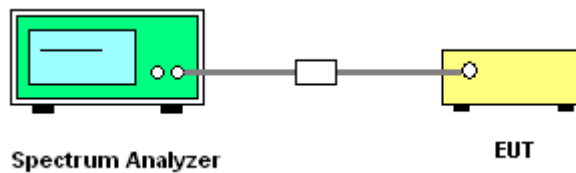
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW  $\geq$  3 MHz
- Number of points in sweep  $\geq$  2 Span / RBW.
- Sweep time  $\leq$  (number of points in sweep)  $\times$  T, when duty cycle is less than 98 percent where T is the minimum transmission 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 was 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

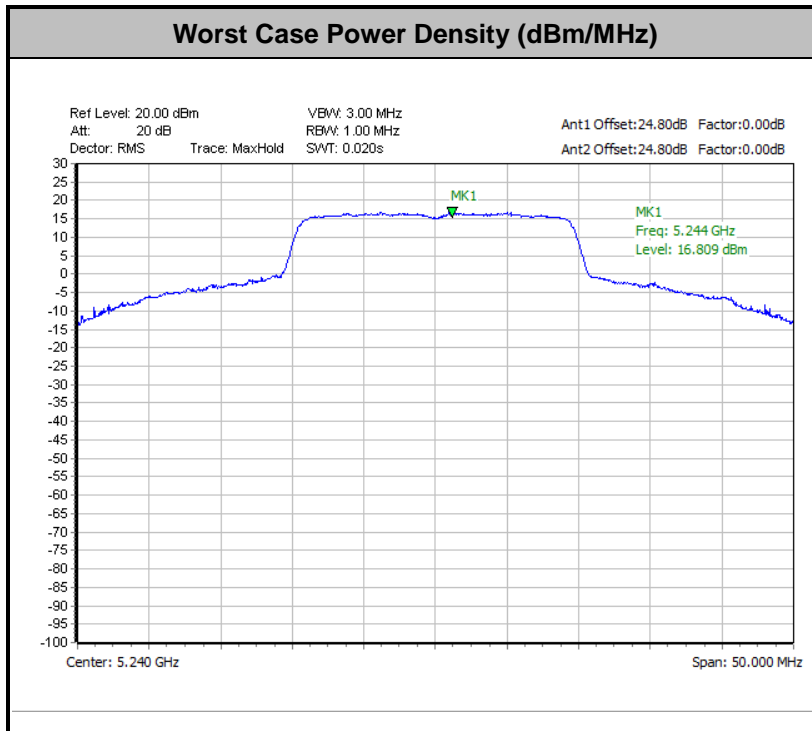


### 3.3.5 Test Result of Power Spectral Density

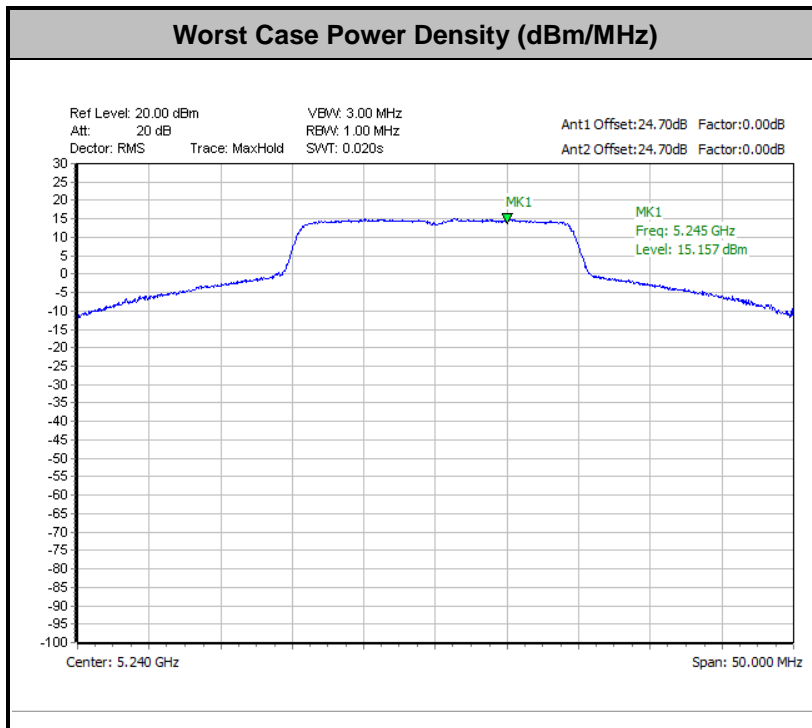
Please refer to Appendix A.



<CDD Modes>



<TXBF Modes>





### 3.4 Unwanted Emissions Measurement

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

#### 3.4.1 Limit of Unwanted Emissions

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

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

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

- (2) Unwanted spurious emissions fallen 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.

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



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

See list of measuring equipment of 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 1000MHz

- 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



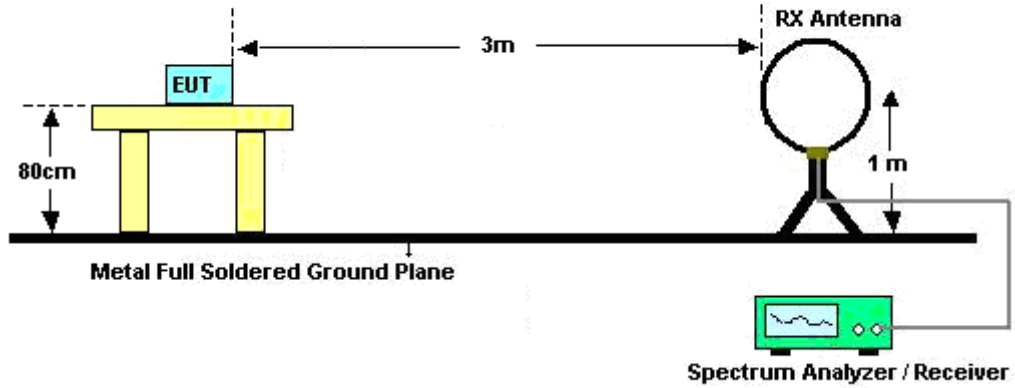
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- RBW = 1 MHz
  - VBW = 10 Hz, when duty cycle is no less than 98 percent.
  - $VBW \geq 1/T$ , 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 was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
  3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
  7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.



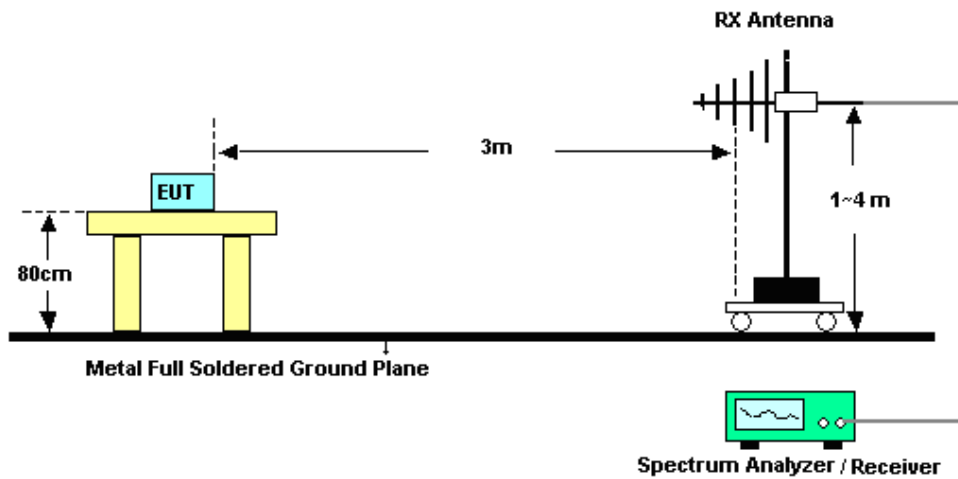
### 3.4.4 Test Setup

For radiated emissions below 30MHz

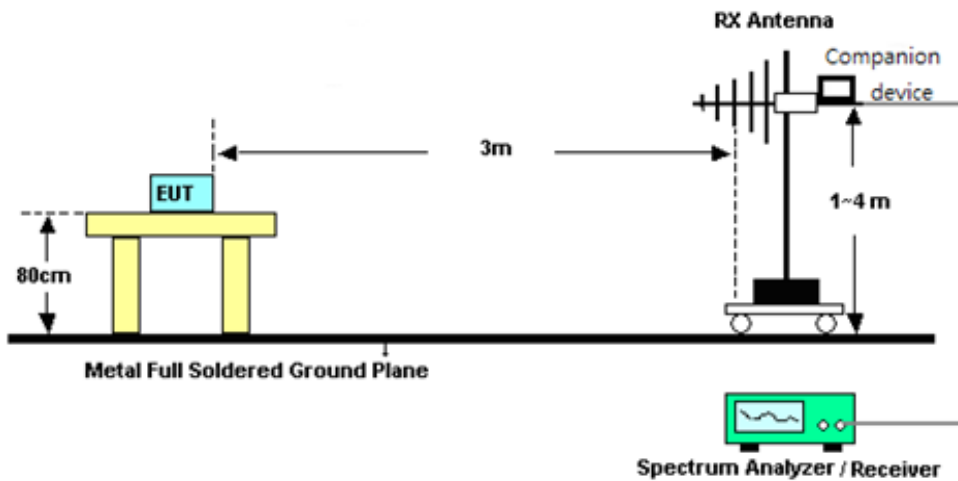


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

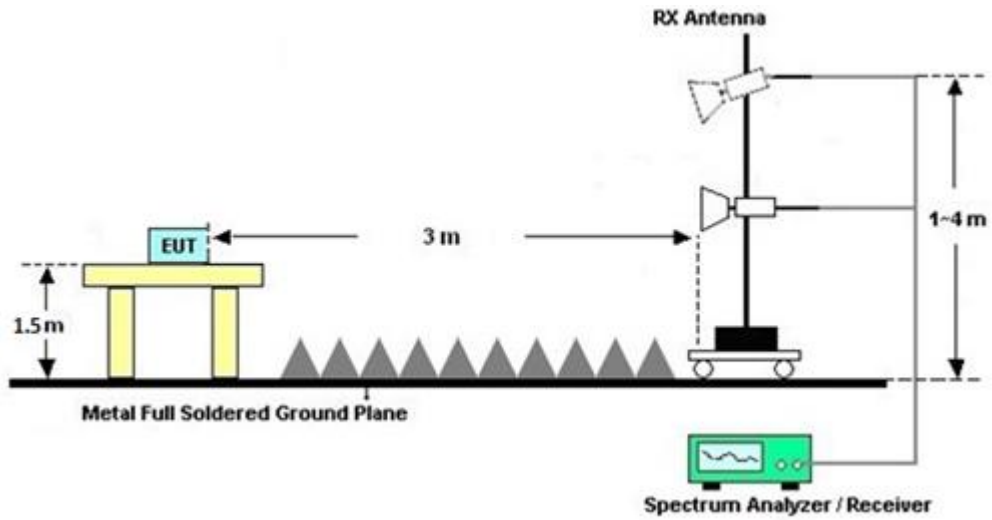


<TXBF Modes>

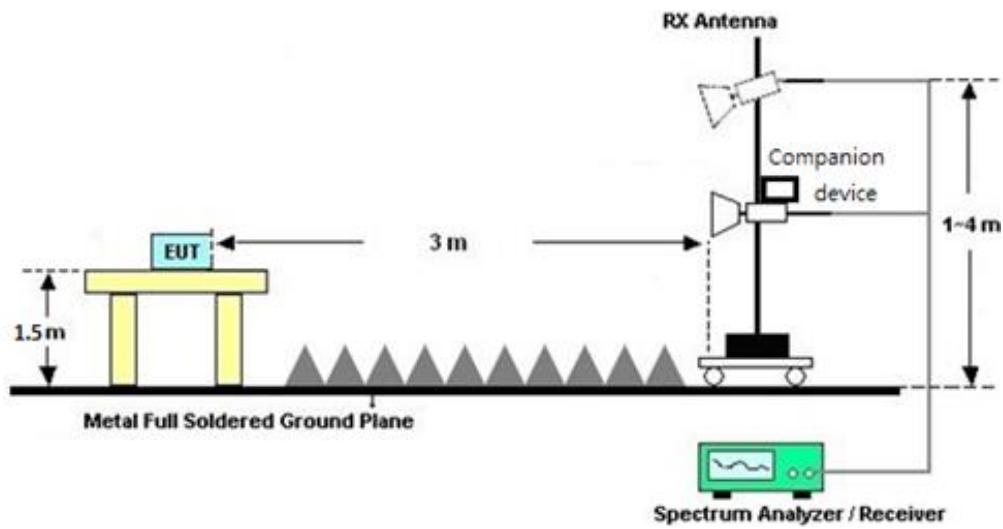


For radiated emissions from 1GHz to 18GHz

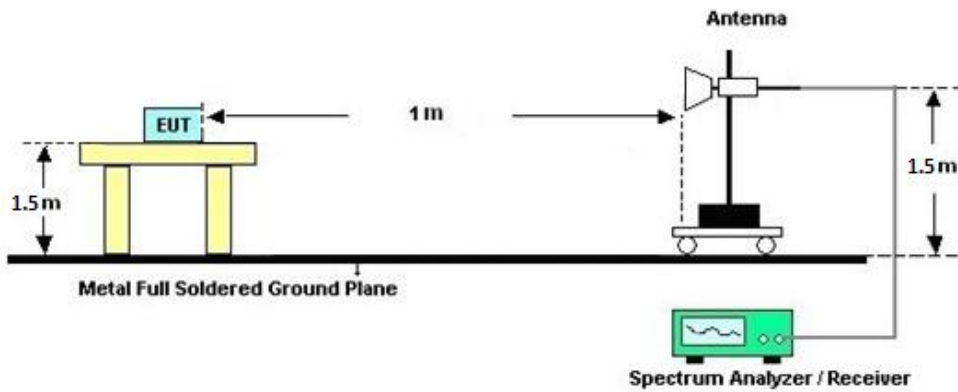
<CDD Mode>



<TXBF Modes>



For radiated emissions above 18GHz





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

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

There is a comparison data 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 (dB $\mu$ V)	
	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

See list of measuring equipment of this test report.

#### 3.5.3 Test Procedures

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

### **3.6.1 Limit of Automatically Discontinue Transmission**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

### **3.6.2 Measuring Instruments**

See list of measuring equipment of this test report.

### **3.6.3 Test Result of Automatically Discontinue Transmission**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



## **3.7 Antenna Requirements**

### **3.7.1 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.

### **3.7.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.



3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

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

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

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

The EUT supports CDD mode.

For power, the directional gain GANT 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	Ant. 2	Ant. 3	Ant. 4	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
<b>Band I</b>	3.30	2.50	3.00	4.20	4.20	9.29	0.00	3.29
<b>Band II</b>	2.70	2.00	3.00	3.40	3.40	8.81	0.00	2.81

	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
<b>Band III</b>	4.10	2.20	4.10	6.21	0.00	0.21

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  $k$ th antenna is being fed by spatial stream  $j$ , or zero if it is not;  
 $G_k$  is the gain in dBi of the  $k$ th 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.

					DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant 1 (dBi)	Ant 2 (dBi)	Ant 3 (dBi)	Ant 4 (dBi)				
<b>Band I</b>	3.30	2.50	3.00	4.20	9.29	9.29	3.29	3.29
<b>Band II</b>	2.70	2.00	3.00	3.40	8.81	8.81	2.81	2.81

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant 1 (dBi)	Ant 2 (dBi)				
<b>Band III</b>	4.10	2.20	6.21	6.21	0.21	0.21

$Power\ Limit\ Reduction = DG(Power) - 6dBi, (min = 0)$

$PSD\ Limit\ Reduction = DG(PSD) - 6dBi, (min = 0)$



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
<b>&lt;CDD Mode&gt;</b>								
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Jun. 29, 2020~ Sep. 11, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Jun. 29, 2020~ Sep. 11, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 15, 2019	Jun. 29, 2020~ Sep. 11, 2020	Nov. 14, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Jun. 29, 2020~ Sep. 11, 2020	Mar. 16, 2021	Conducted (TH05-HY)
<b>&lt;TXBF Mode&gt;</b>								
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Sep. 15, 2020~ Sep. 19, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Sep. 15, 2020~ Sep. 19, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 15, 2019	Sep. 15, 2020~ Sep. 19, 2020	Nov. 14, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Sep. 15, 2020~ Sep. 19, 2020	Mar. 16, 2021	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 27, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	May 27, 2020	Nov. 14, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	May 27, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 27, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	May 27, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	May 27, 2020	Jan. 01, 2021	Conduction (CO05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Jun. 05, 2020~ Sep. 11, 2020	Jan. 08, 2021	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&0 0802N1D01N- 06	47020&06	30MHz to 1GHz	Oct. 12, 2019	Jun. 05, 2020~ Sep. 11, 2020	Oct. 11, 2020	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-152 2	1G~18GHz	Sep. 19, 2019	Jun. 05, 2020~ Sep. 11, 2020	Sep. 18, 2020	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 980	18GHz~40GHz	Jan. 10, 2020	Jun. 05, 2020~ Sep. 11, 2020	Jan. 09, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Oct. 01, 2019	Jun. 05, 2020~ Sep. 11, 2020	Sep. 30, 2020	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0055006	1GHz~18GHz	May 07, 2020	Jun. 05, 2020~ Sep. 11, 2020	May 06, 2021	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~40GHz	Dec. 13, 2019	Jun. 05, 2020~ Sep. 11, 2020	Dec. 12, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY532702 64	1GHz~26.5GHz	Dec. 11, 2019	Jun. 05, 2020~ Sep. 11, 2020	Dec.10, 2020	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE )	MY572901 11	3Hz~26.5GHz	Dec. 05, 2019	Jun. 05, 2020~ Sep. 11, 2020	Dec. 04, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/ 4PE	NA	Aug. 30, 2019	Jun. 05, 2020~ Sep. 11, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/ 4PE	NA	Aug. 30, 2019	Jun. 05, 2020~ Sep. 11, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300 -5757	NA	Aug. 30, 2019	Jun. 05, 2020~ Sep. 11, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 05, 2020~ Sep. 11, 2020	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 05, 2020~ Sep. 11, 2020	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 05, 2020~ Sep. 11, 2020	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 05, 2020~ Sep. 11, 2020	N/A	Radiation (03CH16-HY)



## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.3
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.5
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	6.3
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	4.7
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**Appendix A. Test Result of Conducted Test Items****<CDD Mode>**

Test Engineer	Eason Huang	Temperature	21~25	°C
Test Date	2020/6/29~2020/09/11	Relative Humidity	51~54	%

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	36	5180	22.627	-	-	-	17.08	-	-	-	22.33	-	-	-
11a	6Mbps	1	44	5220	45.654	-	-	-	26.57	-	-	-	23.01	-	-	-
11a	6Mbps	1	48	5240	46.573	-	-	-	29.77	-	-	-	23.01	-	-	-

Band I MIMO 2Tx Mode Ant 1 + 2																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2			
11a	6Mbps	2	36	5180	22.627	22.58			16.98	16.88			22.27			
11a	6Mbps	2	44	5220	43.806	44.76			20.23	25.17			23.01			
11a	6Mbps	2	48	5240	43.806	45.01			20.88	26.17			23.01			

Band I MIMO 3Tx Mode Ant 1 + 2 + 3																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3			
11a	6Mbps	3	36	5180	22.78	22.48	22.43		16.98	17.03	16.83		22.26			
11a	6Mbps	3	44	5220	22.63	22.63	22.38		17.03	17.08	16.83		22.26			
11a	6Mbps	3	48	5240	22.73	23.03	22.38		17.08	17.08	16.83		22.26			

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4			
11a	6Mbps	4	36	5180	22.73	22.78	22.53	22.48	16.98	17.03	16.98	16.83	22.26			
11a	6Mbps	4	44	5220	22.58	22.88	22.48	22.48	17.03	17.18	16.98	16.93	22.29			
11a	6Mbps	4	48	5240	22.68	23.03	22.53	22.38	16.98	17.08	16.93	16.93	22.29			

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I Single Antenna																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)				DG (dBi)				Pass /Fail	
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
11a	6Mbps	1	36	5180	19.00						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
11a	6Mbps	1	44	5220	25.20						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
11a	6Mbps	1	48	5240	25.50						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HT20	MCS0	1	36	5180	17.70						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HT20	MCS0	1	44	5220	24.50						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HT20	MCS0	1	48	5240	25.70						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HT40	MCS0	1	38	5190	16.10						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HT40	MCS0	1	46	5230	21.60						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT20	MCS0	1	36	5180	17.70						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT20	MCS0	1	44	5220	24.50						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT20	MCS0	1	48	5240	25.70						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT40	MCS0	1	38	5190	16.10						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT40	MCS0	1	46	5230	21.60						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT80	MCS0	1	42	5210	16.30						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
VHT160	MCS0	1	50	5250	15.50						30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass

FCC Band I MIMO 2Tx Mode Ant 1 + 2																			
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)		DG (dBi)				Pass /Fail			
					Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2	Ant 1 + 2	Ant 1	Ant 2	Ant 3	Ant 4				
11a	6Mbps	2	36	5180	17.60	18.40				21.03	30.00				3.30				Pass
11a	6Mbps	2	44	5220	23.90	25.10				27.55	30.00				3.30				Pass
11a	6Mbps	2	48	5240	23.60	24.90				27.31	30.00				3.30				Pass
HT20	MCS0	2	36	5180	17.50	17.80				20.66	30.00				3.30				Pass
HT20	MCS0	2	44	5220	24.00	24.90				27.48	30.00				3.30				Pass
HT20	MCS0	2	48	5240	23.80	25.00				27.45	30.00				3.30				Pass
HT40	MCS0	2	38	5190	15.60	16.10				18.87	30.00				3.30				Pass
HT40	MCS0	2	46	5230	21.30	22.20				24.78	30.00				3.30				Pass
VHT20	MCS0	2	36	5180	17.50	17.80				20.66	30.00				3.30				Pass
VHT20	MCS0	2	44	5220	24.00	24.90				27.48	30.00				3.30				Pass
VHT20	MCS0	2	48	5240	23.80	25.00				27.45	30.00				3.30				Pass
VHT40	MCS0	2	38	5190	15.60	16.10				18.87	30.00				3.30				Pass
VHT40	MCS0	2	46	5230	21.30	22.20				24.78	30.00				3.30				Pass
VHT80	MCS0	2	42	5210	15.70	16.80				19.30	30.00				3.30				Pass
VHT160	MCS0	2	50	5250	11.90	13.80				15.96	30.00				3.30				Pass

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
11a	6Mbps	3	36	5180	16.40	17.20	15.60		21.22	30.00	3.30	Pass
11a	6Mbps	3	44	5220	17.40	18.60	16.30		22.31	30.00	3.30	Pass
11a	6Mbps	3	48	5240	18.60	19.70	17.60		23.49	30.00	3.30	Pass
HT20	MCS0	3	36	5180	17.30	18.00	16.40		22.05	30.00	3.30	Pass
HT20	MCS0	3	44	5220	18.40	19.40	17.30		23.22	30.00	3.30	Pass
HT20	MCS0	3	48	5240	18.80	19.80	17.40		23.55	30.00	3.30	Pass
HT40	MCS0	3	38	5190	15.10	15.50	14.20		19.74	30.00	3.30	Pass
HT40	MCS0	3	46	5230	19.70	20.80	18.50		24.54	30.00	3.30	Pass
VHT20	MCS0	3	36	5180	17.30	18.00	16.40		22.05	30.00	3.30	Pass
VHT20	MCS0	3	44	5220	18.40	19.40	17.30		23.22	30.00	3.30	Pass
VHT20	MCS0	3	48	5240	18.80	19.80	17.40		23.55	30.00	3.30	Pass
VHT40	MCS0	3	38	5190	15.10	15.50	14.20		19.74	30.00	3.30	Pass
VHT40	MCS0	3	46	5230	19.70	20.80	18.50		24.54	30.00	3.30	Pass
VHT80	MCS0	3	42	5210	13.40	14.50	12.70		18.37	30.00	3.30	Pass
VHT160	MCS0	3	50	5250	9.90	11.50	10.90		15.59	30.00	3.30	Pass

FCC Band I 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)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
11a	6Mbps	4	36	5180	16.60	17.40	15.80	15.60	22.43	30.00	4.20	Pass
11a	6Mbps	4	44	5220	16.30	17.50	15.10	15.40	22.20	30.00	4.20	Pass
11a	6Mbps	4	48	5240	17.20	18.50	16.00	16.40	23.15	30.00	4.20	Pass
HT20	MCS0	4	36	5180	17.40	17.80	16.40	16.20	23.02	30.00	4.20	Pass
HT20	MCS0	4	44	5220	18.40	19.40	17.20	17.70	24.28	30.00	4.20	Pass
HT20	MCS0	4	48	5240	18.30	19.40	16.90	17.30	24.11	30.00	4.20	Pass
HT40	MCS0	4	38	5190	14.60	15.20	13.60	13.30	20.26	30.00	4.20	Pass
HT40	MCS0	4	46	5230	19.60	20.80	18.40	18.50	25.46	30.00	4.20	Pass
VHT20	MCS0	4	36	5180	17.40	17.80	16.40	16.20	23.02	30.00	4.20	Pass
VHT20	MCS0	4	44	5220	18.40	19.40	17.20	17.70	24.28	30.00	4.20	Pass
VHT20	MCS0	4	48	5240	18.30	19.40	16.90	17.30	24.11	30.00	4.20	Pass
VHT40	MCS0	4	38	5190	14.60	15.20	13.60	13.30	20.26	30.00	4.20	Pass
VHT40	MCS0	4	46	5230	19.60	20.80	18.40	18.50	25.46	30.00	4.20	Pass
VHT80	MCS0	4	42	5210	13.50	14.30	12.70	12.60	19.35	30.00	4.20	Pass
VHT160	MCS0	4	50	5250	11.00	12.40	11.60	14.50	18.61	30.00	4.20	Pass



**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band I Single Antenna																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	36	5180	8.2	-	-	-	17	-	-	-	3.30	2.50	3.00	4.20	Pass
11a	6Mbps	1	44	5220	14.91	-	-	-	17	-	-	-	3.30	2.50	3.00	4.20	Pass
11a	6Mbps	1	48	5240	15.49	-	-	-	17	-	-	-	3.30	2.50	3.00	4.20	Pass

FCC Band I MIMO 2Tx Mode Ant 1 + 2																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2				Ant 1 + 2				Ant 1 + 2				
11a	6Mbps	2	36	5180	10.318				17				5.92				Pass
11a	6Mbps	2	44	5220	16.633				17				5.92				Pass
11a	6Mbps	2	48	5240	16.758				17				5.92				Pass

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2 + 3				Ant 1 + 2 + 3				Ant 1 + 2 + 3				
11a	6Mbps	3	36	5180	10.504				15.28921049				7.71				Pass
11a	6Mbps	3	44	5220	11.533				15.28921049				7.71				Pass
11a	6Mbps	3	48	5240	12.803				15.28921049				7.71				Pass

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				Average 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	36	5180	11.902				13.70715991				9.29				Pass
11a	6Mbps	4	44	5220	11.794				13.70715991				9.29				Pass
11a	6Mbps	4	48	5240	12.863				13.70715991				9.29				Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II Single Antenna													
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	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	52	5260	41.71				23.98	-	-	-	
11a	6Mbps	1	60	5300	42.11				23.98	-	-	-	
11a	6Mbps	1	64	5320	22.58				23.98	-	-	-	

Band II MIMO 2Tx Mode Ant 1 + 2													
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				
11a	6Mbps	2	52	5260	22.63	22.73			23.98				
11a	6Mbps	2	60	5300	22.63	22.73			23.98				
11a	6Mbps	2	64	5320	22.53	23.13			23.98				

Band II MIMO 3Tx Mode Ant 1 + 2 + 3													
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				
11a	6Mbps	3	52	5260	22.63	22.48	22.23		23.98				
11a	6Mbps	3	60	5300	22.68	22.43	22.38		23.98				23.98
11a	6Mbps	3	64	5320	22.63	22.48	22.38		23.98				

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	22.68	22.83	22.48	22.28	23.98				
11a	6Mbps	4	60	5300	22.63	22.83	22.53	22.48	23.98				23.98
11a	6Mbps	4	64	5320	22.73	22.83	22.43	22.43	23.98				

Band II Single Antenna																
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	52	5260	17.98				23.55	-	-	-	29.55	-	-	-
11a	6Mbps	1	60	5300	18.48				23.67	-	-	-	29.67	-	-	-
11a	6Mbps	1	64	5320	17.03				23.31	-	-	-	29.31	-	-	-

Band II MIMO 2Tx Mode Ant 1 + 2																
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				Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	2	52	5260	16.98	16.88			23.27				29.27			
11a	6Mbps	2	60	5300	17.03	16.88			23.27				29.27			
11a	6Mbps	2	64	5320	17.03	16.88			23.27				29.27			

Band II MIMO 3Tx Mode Ant 1 + 2 + 3																
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				Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	3	52	5260	17.03	17.03	16.83		23.26				29.26			
11a	6Mbps	3	60	5300	17.03	17.03	16.83		23.26				29.26			
11a	6Mbps	3	64	5320	17.08	17.03	16.83		23.26				29.26			

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	16.98	17.13	16.98	16.93	23.29				29.29			
11a	6Mbps	4	60	5300	16.98	17.08	17.03	16.88	23.27				29.27			
11a	6Mbps	4	64	5320	16.98	17.13	17.08	16.83	23.26				29.26			

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II Single Antenna																							
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
11a	6Mbps	1	52	5260	22.60					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	25.30	-	-	-	30.00	Pass
11a	6Mbps	1	60	5300	22.30					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	25.00	-	-	-	30.00	Pass
11a	6Mbps	1	64	5320	18.00					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	20.70	-	-	-	30.00	Pass
HT20	MCS0	1	52	5260	22.20					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.90	-	-	-	30.00	Pass
HT20	MCS0	1	60	5300	22.00					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.70	-	-	-	30.00	Pass
HT20	MCS0	1	64	5320	17.00					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	19.70	-	-	-	30.00	Pass
HT40	MCS0	1	54	5270	21.50					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.20	-	-	-	30.00	Pass
HT40	MCS0	1	62	5310	15.90					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	18.60	-	-	-	30.00	Pass
VHT20	MCS0	1	52	5260	22.20					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.90	-	-	-	30.00	Pass
VHT20	MCS0	1	60	5300	22.00					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.70	-	-	-	30.00	Pass
VHT20	MCS0	1	64	5320	17.00					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	19.70	-	-	-	30.00	Pass
VHT40	MCS0	1	54	5270	21.50					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.20	-	-	-	30.00	Pass
VHT40	MCS0	1	62	5310	15.90					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	18.60	-	-	-	30.00	Pass
VHT80	MCS0	1	58	5290	16.10					23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	18.80	-	-	-	30.00	Pass

FCC Band II MIMO 2Tx Mode Ant 1 + 2																							
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	Ant 1 + 2	Ant 1 + 2	Ant 1 + 2										
11a	6Mbps	2	52	5260	17.70	19.10				21.47	23.98	2.70	24.17	30.00	Pass								
11a	6Mbps	2	60	5300	17.70	18.80				21.30	23.98	2.70	24.00	30.00	Pass								
11a	6Mbps	2	64	5320	17.40	18.90				21.22	23.98	2.70	23.92	30.00	Pass								
HT20	MCS0	2	52	5260	18.50	19.80				22.21	23.98	2.70	24.91	30.00	Pass								
HT20	MCS0	2	60	5300	18.00	19.60				21.88	23.98	2.70	24.58	30.00	Pass								
HT20	MCS0	2	64	5320	16.80	18.00				20.45	23.98	2.70	23.15	30.00	Pass								
HT40	MCS0	2	54	5270	20.10	21.30				23.75	23.98	2.70	26.45	30.00	Pass								
HT40	MCS0	2	62	5310	15.20	16.50				18.91	23.98	2.70	21.61	30.00	Pass								
VHT20	MCS0	2	52	5260	18.50	19.80				22.21	23.98	2.70	24.91	30.00	Pass								
VHT20	MCS0	2	60	5300	18.00	19.60				21.88	23.98	2.70	24.58	30.00	Pass								
VHT20	MCS0	2	64	5320	16.80	18.00				20.45	23.98	2.70	23.15	30.00	Pass								
VHT40	MCS0	2	54	5270	20.10	21.30				23.75	23.98	2.70	26.45	30.00	Pass								
VHT40	MCS0	2	62	5310	15.20	16.50				18.91	23.98	2.70	21.61	30.00	Pass								
VHT80	MCS0	2	58	5290	16.10	17.10				19.64	23.98	2.70	22.34	30.00	Pass								

FCC Band II MIMO 3Tx Mode Ant 1 + 2 + 3														
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					
11a	6Mbps	3	52	5260	15.50	16.50	14.30		20.30	23.98	3.00	23.30	30.00	Pass
11a	6Mbps	3	60	5300	15.30	16.50	14.60		20.31	23.98	3.00	23.31	30.00	Pass
11a	6Mbps	3	64	5320	15.20	16.30	14.50		20.17	23.98	3.00	23.17	30.00	Pass
HT20	MCS0	3	52	5260	15.80	17.00	14.60		20.68	23.98	3.00	23.68	30.00	Pass
HT20	MCS0	3	60	5300	15.20	16.30	14.50		20.17	23.98	3.00	23.17	30.00	Pass
HT20	MCS0	3	64	5320	14.80	16.20	14.00		19.87	23.98	3.00	22.87	30.00	Pass
HT40	MCS0	3	54	5270	18.00	18.80	16.70		22.69	23.98	3.00	25.69	30.00	Pass
HT40	MCS0	3	62	5310	14.80	15.90	13.90		19.72	23.98	3.00	22.72	30.00	Pass
VHT20	MCS0	3	52	5260	15.80	17.00	14.60		20.68	23.98	3.00	23.68	30.00	Pass
VHT20	MCS0	3	60	5300	15.20	16.30	14.50		20.17	23.98	3.00	23.17	30.00	Pass
VHT20	MCS0	3	64	5320	14.80	16.20	14.00		19.87	23.98	3.00	22.87	30.00	Pass
VHT40	MCS0	3	54	5270	18.00	18.80	16.70		22.69	23.98	3.00	25.69	30.00	Pass
VHT40	MCS0	3	62	5310	14.80	15.90	13.90		19.72	23.98	3.00	22.72	30.00	Pass
VHT80	MCS0	3	58	5290	15.80	16.70	14.80		20.61	23.98	3.00	23.61	30.00	Pass

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					
11a	6Mbps	4	52	5260	12.40	13.80	11.30	11.60	18.41	23.98	3.40	21.81	30.00	Pass
11a	6Mbps	4	60	5300	12.40	13.70	11.60	11.30	18.37	23.98	3.40	21.77	30.00	Pass
11a	6Mbps	4	64	5320	12.20	13.60	11.40	11.30	18.25	23.98	3.40	21.65	30.00	Pass
HT20	MCS0	4	52	5260	13.20	14.40	11.80	12.00	19.00	23.98	3.40	22.40	30.00	Pass
HT20	MCS0	4	60	5300	12.90	14.60	12.20	12.10	19.09	23.98	3.40	22.49	30.00	Pass
HT20	MCS0	4	64	5320	12.90	14.50	12.10	12.10	19.04	23.98	3.40	22.44	30.00	Pass
HT40	MCS0	4	54	5270	15.50	16.30	14.60	14.30	21.27	23.98	3.40	24.67	30.00	Pass
HT40	MCS0	4	62	5310	14.80	16.00	14.30	13.60	20.79	23.98	3.40	24.19	30.00	Pass
VHT20	MCS0	4	52	5260	13.20	14.40	11.80	12.00	19.00	23.98	3.40	22.40	30.00	Pass
VHT20	MCS0	4	60	5300	12.90	14.60	12.20	12.10	19.09	23.98	3.40	22.49	30.00	Pass
VHT20	MCS0	4	64	5320	12.90	14.50	12.10	12.10	19.04	23.98	3.40	22.44	30.00	Pass
VHT40	MCS0	4	54	5270	15.50	16.30	14.60	14.30	21.27	23.98	3.40	24.67	30.00	Pass
VHT40	MCS0	4	62	5310	14.80	16.00	14.30	13.60	20.79	23.98	3.40	24.19	30.00	Pass
VHT80	MCS0	4	58	5290	15.30	16.20	14.40	14.80	21.25	23.98	3.40	24.65	30.00	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

Band II Single Antenna																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	52	5260	10.90	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
11a	6Mbps	1	60	5300	10.81	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
11a	6Mbps	1	64	5320	6.72	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass

Band II MIMO 2Tx Mode Ant 1 + 2																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2				Ant 1 + 2				Ant 1 + 2				
11a	6Mbps	2	52	5260	10.92				11.00				5.37				Pass
11a	6Mbps	2	60	5300	10.74				11.00				5.37				Pass
11a	6Mbps	2	64	5320	10.81				11.00				5.37				Pass

Band II MIMO 3Tx Mode Ant 1 + 2 + 3																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2 + 3				Ant 1 + 2 + 3				Ant 1 + 2 + 3				
11a	6Mbps	3	52	5260	9.51				9.65				7.35				Pass
11a	6Mbps	3	60	5300	9.58				9.65				7.35				Pass
11a	6Mbps	3	64	5320	9.38				9.65				7.35				Pass

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	7.98				8.19				8.81				Pass
11a	6Mbps	4	60	5300	8.02				8.19				8.81				Pass
11a	6Mbps	4	64	5320	7.84				8.19				8.81				Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	100	5500	38.96				23.98	-	-	-	----	----	----	----
11a	6Mbps	1	116	5580	29.37				23.98	-	-	-	----	----	----	----
11a	6Mbps	1	140	5700	22.68				23.98	-	-	-	----	----	----	----

Band III Straddle Channel Single Antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	144	5720	23.53				23.98	-	-	-	3.24			

Band III MIMO 2Tx Mode Ant 1 + 2															
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		Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	2	100	5500	22.53	22.33			23.98		----	----			
11a	6Mbps	2	116	5580	22.68	22.28			23.98		----	----			
11a	6Mbps	2	140	5700	22.73	22.38			23.98		----	----			

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2															
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		Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	2	144	5720	16.19	16.04			23.05		3.24	3.24			

Band III Single Antenna																
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	100	5500	17.23				23.36	-	-	-	29.36	-	-	-
11a	6Mbps	1	116	5580	17.08				23.33	-	-	-	29.33	-	-	-
11a	6Mbps	1	140	5700	17.08				23.33	-	-	-	29.33	-	-	-

Band III Straddle Channel Single Antenna																
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	144	5720	13.44				22.28	-	-	-	28.28	-	-	-

Band III MIMO 2Tx Mode Ant 1 + 2																
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				Ant 1 + 2			
11a	6Mbps	2	100	5500	17.03	16.83			23.26				29.26			
11a	6Mbps	2	116	5580	17.08	16.83			23.26				29.26			
11a	6Mbps	2	140	5700	17.03	16.83			23.26				29.26			

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																
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				Ant 1 + 2			
11a	6Mbps	2	144	5720	13.34	13.34			22.25				28.25			



**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III Single Antenna																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4			
11a	6Mbps	1	100	5500	21.20					23.98	23.98	-	-	4.10	2.20	-	-	25.30	-	-	-	30.00	Pass	
11a	6Mbps	1	116	5580	20.90					23.98	23.98	-	-	4.10	2.20	-	-	25.00	-	-	-	30.00	Pass	
11a	6Mbps	1	140	5700	17.00					23.98	23.98	-	-	4.10	2.20	-	-	21.10	-	-	-	30.00	Pass	
HT20	MCS0	1	100	5500	20.50					23.98	23.98	-	-	4.10	2.20	-	-	24.60	-	-	-	30.00	Pass	
HT20	MCS0	1	116	5580	21.20					23.98	23.98	-	-	4.10	2.20	-	-	25.30	-	-	-	30.00	Pass	
HT20	MCS0	1	140	5700	16.00					23.98	23.98	-	-	4.10	2.20	-	-	20.10	-	-	-	30.00	Pass	
HT40	MCS0	1	102	5510	18.70					23.98	23.98	-	-	4.10	2.20	-	-	22.80	-	-	-	30.00	Pass	
HT40	MCS0	1	110	5550	23.80					23.98	23.98	-	-	4.10	2.20	-	-	27.90	-	-	-	30.00	Pass	
HT40	MCS0	1	134	5670	20.80					23.98	23.98	-	-	4.10	2.20	-	-	24.90	-	-	-	30.00	Pass	
VHT20	MCS0	1	100	5500	20.50					23.98	23.98	-	-	4.10	2.20	-	-	24.60	-	-	-	30.00	Pass	
VHT20	MCS0	1	116	5580	21.20					23.98	23.98	-	-	4.10	2.20	-	-	25.30	-	-	-	30.00	Pass	
VHT20	MCS0	1	140	5700	16.00					23.98	23.98	-	-	4.10	2.20	-	-	20.10	-	-	-	30.00	Pass	
VHT40	MCS0	1	102	5510	18.70					23.98	23.98	-	-	4.10	2.20	-	-	22.80	-	-	-	30.00	Pass	
VHT40	MCS0	1	110	5550	23.80					23.98	23.98	-	-	4.10	2.20	-	-	27.90	-	-	-	30.00	Pass	
VHT40	MCS0	1	134	5670	20.80					23.98	23.98	-	-	4.10	2.20	-	-	24.90	-	-	-	30.00	Pass	
VHT80	MCS0	1	106	5530	18.70					23.98	23.98	-	-	4.10	2.20	-	-	22.80	-	-	-	30.00	Pass	
VHT80	MCS0	1	122	5610	20.10					23.98	23.98	-	-	4.10	2.20	-	-	24.20	-	-	-	30.00	Pass	

FCC Band III Straddle Channel Single Antenna																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4			
11a	6Mbps	1	144	5720	21.50					23.98	23.98	-	-	4.10	2.20	-	-	25.60	-	-	-	30.00	Pass	
HT20	MCS0	1	144	5720	21.30					23.98	23.98	-	-	4.10	2.20	-	-	25.40	-	-	-	30.00	Pass	
HT40	MCS0	1	142	5710	23.70					23.98	23.98	-	-	4.10	2.20	-	-	27.80	-	-	-	30.00	Pass	
VHT20	MCS0	1	144	5720	21.30					23.98	23.98	-	-	4.10	2.20	-	-	25.40	-	-	-	30.00	Pass	
VHT40	MCS0	1	142	5710	23.70					23.98	23.98	-	-	4.10	2.20	-	-	27.80	-	-	-	30.00	Pass	
VHT80	MCS0	1	138	5690	23.60					23.98	23.98	-	-	4.10	2.20	-	-	27.70	-	-	-	30.00	Pass	

FCC Band III MIMO 2Tx Mode Ant 1 + 2														
Mod.	Data Rate	N <sub>TX</sub>	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
11a	6Mbps	2	100	5500	16.80	17.50			20.17	23.98	4.10	24.27	30.00	Pass
11a	6Mbps	2	116	5580	19.00	18.60			21.81	23.98	4.10	25.91	30.00	Pass
11a	6Mbps	2	140	5700	16.40	16.80			19.61	23.98	4.10	23.71	30.00	Pass
HT20	MCS0	2	100	5500	18.60	18.30			21.46	23.98	4.10	25.56	30.00	Pass
HT20	MCS0	2	116	5580	18.90	18.40			21.67	23.98	4.10	25.77	30.00	Pass
HT20	MCS0	2	140	5700	16.60	15.40			19.05	23.98	4.10	23.15	30.00	Pass
HT40	MCS0	2	102	5510	18.60	18.10			21.37	23.98	4.10	25.47	30.00	Pass
HT40	MCS0	2	110	5550	21.00	20.50			23.77	23.98	4.10	27.87	30.00	Pass
HT40	MCS0	2	134	5670	20.40	20.30			23.36	23.98	4.10	27.46	30.00	Pass
VHT20	MCS0	2	100	5500	18.60	18.30			21.46	23.98	4.10	25.56	30.00	Pass
VHT20	MCS0	2	116	5580	18.90	18.40			21.67	23.98	4.10	25.77	30.00	Pass
VHT20	MCS0	2	140	5700	16.60	15.40			19.05	23.98	4.10	23.15	30.00	Pass
VHT40	MCS0	2	102	5510	18.60	18.10			21.37	23.98	4.10	25.47	30.00	Pass
VHT40	MCS0	2	110	5550	21.00	20.50			23.77	23.98	4.10	27.87	30.00	Pass
VHT40	MCS0	2	134	5670	20.40	20.30			23.36	23.98	4.10	27.46	30.00	Pass
VHT80	MCS0	2	106	5530	18.90	18.80			21.86	23.98	4.10	25.96	30.00	Pass
VHT80	MCS0	2	122	5610	19.90	19.50			22.71	23.98	4.10	26.81	30.00	Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2														
Mod.	Data Rate	N <sub>TX</sub>	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
11a	6Mbps	2	144	5720	19.10	17.80			21.51	23.05	4.10	25.61	30.00	Pass
HT20	MCS0	2	144	5720	19.30	18.00			21.71	23.98	4.10	25.81	30.00	Pass
HT40	MCS0	2	142	5710	21.10	20.40			23.77	23.98	4.10	27.87	30.00	Pass
VHT20	MCS0	2	144	5720	19.30	18.00			21.71	23.98	4.10	25.81	30.00	Pass
VHT40	MCS0	2	142	5710	21.10	20.40			23.77	23.98	4.10	27.87	30.00	Pass
VHT80	MCS0	2	138	5690	21.00	20.30			23.67	23.98	4.10	27.77	30.00	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

Band III Single Antenna																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	100	5500	10.99	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
11a	6Mbps	1	116	5580	10.85	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
11a	6Mbps	1	140	5700	6.24	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass

Band III Straddle Channel Single Antenna																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	144	5720	10.96	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass

FCC Band III MIMO 2Tx Mode Ant 1 + 2																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2				Ant 1 + 2				Ant 1 + 2				
11a	6Mbps	2	100	5500	9.33				10.79				6.21				Pass
11a	6Mbps	2	116	5580	10.58				10.79				6.21				Pass
11a	6Mbps	2	140	5700	8.50				10.79				6.21				Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
					Ant 1 + 2				Ant 1 + 2				Ant 1 + 2				
11a	6Mbps	2	144	5720	10.45				10.79				6.21				Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I Single Antenna																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	36	5180	Full	23.98	-	-	-	19.13	-	-	-	22.82	-	-	-
HE20	MCS0	1	44	5220	Full	47.71	-	-	-	23.48	-	-	-	23.01	-	-	-
HE20	MCS0	1	48	5240	Full	51.67	-	-	-	32.12	-	-	-	23.01	-	-	-
HE40	MCS0	1	38	5190	Full	40.91	-	-	-	37.66	-	-	-	23.01	-	-	-
HE40	MCS0	1	46	5230	Full	45.58	-	-	-	37.86	-	-	-	23.01	-	-	-
HE80	MCS0	1	42	5210	Full	82.16	-	-	-	78.04	-	-	-	23.01	-	-	-
HE160	MCS0	1	50	5250	Full	161.25	-	-	-	154.65	-	-	-	23.01	-	-	-

Band I MIMO 2Tx Mode Ant 1 + 2																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2		
HE20	MCS0	2	36	5180	Full	22.98	24.93			19.13	19.18			22.82		
HE20	MCS0	2	44	5220	Full	43.28	50.47			21.58	28.92			23.01		
HE20	MCS0	2	48	5240	Full	49.69	47.11			21.53	28.02			23.01		
HE40	MCS0	2	38	5190	Full	40.82	40.73			37.66	37.56			23.01		
HE40	MCS0	2	46	5230	Full	44.60	53.59			37.86	37.86			23.01		
HE80	MCS0	2	42	5210	Full	82.16	81.68			78.04	78.16			23.01		
HE160	MCS0	2	50	5250	Full	161.87	161.99			154.65	155.12			23.01		

Band I MIMO 3Tx Mode Ant 1 + 2 + 3																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3		
HE20	MCS0	3	36	5180	Full	22.68	25.62	22.88		19.08	19.18	19.13		22.81		
HE20	MCS0	3	44	5220	Full	24.63	28.22	24.63		19.08	19.18	19.18		22.81		
HE20	MCS0	3	48	5240	Full	27.47	28.82	24.33		19.08	19.13	19.18		22.81		
HE40	MCS0	3	38	5190	Full	40.91	40.73	40.91		37.66	37.66	37.66		23.01		
HE40	MCS0	3	46	5230	Full	40.73	40.82	40.82		37.66	37.76	37.66		23.01		
HE80	MCS0	3	42	5210	Full	82.00	81.52	81.52		78.16	77.92	78.16		23.01		
HE160	MCS0	3	50	5250	Full	161.83	161.70	161.97		154.65	155.36	155.12		23.01		

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)		
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1 + 2 + 3 + 4		
HE20	MCS0	4	36	5180	Full	23.38	24.93	22.83	22.88	19.03	19.13	19.13	19.18	22.79		
HE20	MCS0	4	44	5220	Full	25.32	27.07	24.88	22.83	19.08	19.18	19.13	19.23	22.81		
HE20	MCS0	4	48	5240	Full	25.32	27.77	22.78	22.88	19.08	19.18	19.18	19.23	22.81		
HE40	MCS0	4	38	5190	Full	40.91	40.73	40.91	41.09	37.66	37.56	37.66	37.56	23.01		
HE40	MCS0	4	46	5230	Full	40.73	42.17	40.91	40.91	37.66	37.66	37.76	37.66	23.01		
HE80	MCS0	4	42	5210	Full	82.16	81.68	81.84	81.52	78.04	78.16	78.04	78.04	23.01		
HE160	MCS0	4	50	5250	Full	160.52	161.28	161.99	161.70	154.89	155.36	155.12	154.89	23.01		

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I Single Antenna																			
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)				DG (dBi)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	36	5180	Full	17.80	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE20	MCS0	1	44	5220	Full	24.60	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE20	MCS0	1	48	5240	Full	25.80	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE40	MCS0	1	38	5190	Full	16.20	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE40	MCS0	1	46	5230	Full	21.70	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE80	MCS0	1	42	5210	Full	16.40	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass
HE160	MCS0	1	50	5250	Full	15.70	-	-	-		30.00	30.00	30.00	30.00	3.30	2.50	3.00	4.20	Pass

FCC Band I MIMO 2Tx Mode Ant 1 + 2																		
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)		DG (dBi)		Pass /Fail			
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2		Ant 1 + 2					
HE20	MCS0	2	36	5180	Full	17.60	17.90			20.76	30.00		3.30		Pass			
HE20	MCS0	2	44	5220	Full	24.10	25.00			27.58	30.00		3.30		Pass			
HE20	MCS0	2	48	5240	Full	23.90	25.10			27.55	30.00		3.30		Pass			
HE40	MCS0	2	38	5190	Full	15.70	16.20			18.97	30.00		3.30		Pass			
HE40	MCS0	2	46	5230	Full	21.40	22.30			24.88	30.00		3.30		Pass			
HE80	MCS0	2	42	5210	Full	15.80	16.90			19.40	30.00		3.30		Pass			
HE160	MCS0	2	50	5250	Full	12.00	13.90			16.06	30.00		3.30		Pass			

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3																		
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)			DG (dBi)			Pass /Fail	
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3			Ant 1 + 2 + 3				
HE20	MCS0	3	36	5180	Full	17.40	18.10	16.50		22.15	30.00			3.30			Pass	
HE20	MCS0	3	44	5220	Full	18.50	19.50	17.40		23.32	30.00			3.30			Pass	
HE20	MCS0	3	48	5240	Full	18.90	19.90	17.50		23.65	30.00			3.30			Pass	
HE40	MCS0	3	38	5190	Full	15.20	15.60	14.30		19.84	30.00			3.30			Pass	
HE40	MCS0	3	46	5230	Full	19.80	20.90	18.60		24.64	30.00			3.30			Pass	
HE80	MCS0	3	42	5210	Full	13.50	14.60	12.80		18.47	30.00			3.30			Pass	
HE160	MCS0	3	50	5250	Full	10.00	11.60	11.00		15.69	30.00			3.30			Pass	

FCC Band I 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)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM	Ant 1 + 2 + 3 + 4				Ant 1 + 2 + 3 + 4				
HE20	MCS0	4	36	5180	Full	17.50	17.90	16.50	16.30	23.12	30.00				4.20				Pass
HE20	MCS0	4	44	5220	Full	18.50	19.50	17.30	17.80	24.38	30.00				4.20				Pass
HE20	MCS0	4	48	5240	Full	18.40	19.50	17.00	17.40	24.21	30.00				4.20				Pass
HE40	MCS0	4	38	5190	Full	14.70	15.30	13.70	13.40	20.36	30.00				4.20				Pass
HE40	MCS0	4	46	5230	Full	19.70	20.90	18.50	18.60	25.56	30.00				4.20				Pass
HE80	MCS0	4	42	5210	Full	13.60	14.40	12.80	12.70	19.45	30.00				4.20				Pass
HE160	MCS0	4	50	5250	Full	11.10	12.50	11.70	14.60	18.71	30.00				4.20				Pass
HE160	MCS0	4	50	5250	996/67	8.20	9.50	9.30	11.60	15.85	30.00				4.20				Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band I Single Antenna																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	36	5180	Full	7.22	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE20	MCS0	1	44	5220	Full	13.89	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE20	MCS0	1	48	5240	Full	15.08	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE40	MCS0	1	38	5190	Full	2.52	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE40	MCS0	1	46	5230	Full	8.43	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE80	MCS0	1	42	5210	Full	-0.04	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass
HE160	MCS0	1	50	5250	Full	-3.14	-	-	-	17.00	-	-	-	3.30	2.50	3.00	4.20	Pass

FCC Band I MIMO 2Tx Mode Ant 1 + 2																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1 + 2				Ant 1 + 2				Ant 1 + 2				
HE20	MCS0	2	36	5180	Full	10.06				17.00				5.92				Pass
HE20	MCS0	2	44	5220	Full	16.79				17.00				5.92				Pass
HE20	MCS0	2	48	5240	Full	16.81				17.00				5.92				Pass
HE40	MCS0	2	38	5190	Full	4.88				17.00				5.92				Pass
HE40	MCS0	2	46	5230	Full	10.82				17.00				5.92				Pass
HE80	MCS0	2	42	5210	Full	2.64				17.00				5.92				Pass
HE160	MCS0	2	50	5250	Full	-3.12				17.00				5.92				Pass

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				Average PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1 + 2 + 3				Ant 1 + 2 + 3				Ant 1 + 2 + 3				
HE20	MCS0	3	36	5180	Full	10.81				15.29				7.71				Pass
HE20	MCS0	3	44	5220	Full	12.43				15.29				7.71				Pass
HE20	MCS0	3	48	5240	Full	12.70				15.29				7.71				Pass
HE40	MCS0	3	38	5190	Full	5.68				15.29				7.71				Pass
HE40	MCS0	3	46	5230	Full	10.52				15.29				7.71				Pass
HE80	MCS0	3	42	5210	Full	1.33				15.29				7.71				Pass
HE160	MCS0	3	50	5250	Full	-3.68				15.29				7.71				Pass

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				Average 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	36	5180	Full	11.76				13.71				9.29				Pass
HE20	MCS0	4	44	5220	Full	13.38				13.71				9.29				Pass
HE20	MCS0	4	48	5240	Full	13.14				13.71				9.29				Pass
HE40	MCS0	4	38	5190	Full	6.31				13.71				9.29				Pass
HE40	MCS0	4	46	5230	Full	11.53				13.71				9.29				Pass
HE80	MCS0	4	42	5210	Full	2.09				13.71				9.29				Pass
HE160	MCS0	4	50	5250	Full	-0.51				13.71				9.29				Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II Single Antenna														
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	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	52	5260	Full	37.06	-	-	-	23.98	-	-	-	
HE20	MCS0	1	60	5300	Full	39.61	-	-	-	23.98	-	-	-	
HE20	MCS0	1	64	5320	Full	24.63	-	-	-	23.98	-	-	-	
HE40	MCS0	1	54	5270	Full	44.96	-	-	-	23.98	-	-	-	
HE40	MCS0	1	62	5310	Full	40.73	-	-	-	23.98	-	-	-	
HE80	MCS0	1	58	5290	Full	82.00	-	-	-	23.98	-	-	-	

Band II MIMO 2Tx Mode Ant 1 + 2													
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			
HE20	MCS0	2	52	5260	Full	27.92	29.87			23.98			
HE20	MCS0	2	60	5300	Full	26.92	28.57			23.98			
HE20	MCS0	2	64	5320	Full	25.07	23.13			23.98			
HE40	MCS0	2	54	5270	Full	40.82	44.60			23.98			
HE40	MCS0	2	62	5310	Full	40.82	40.73			23.98			
HE80	MCS0	2	58	5290	Full	81.68	81.36			23.98			

Band II MIMO 3Tx Mode Ant 1 + 2 + 3													
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			
HE20	MCS0	3	52	5260	Full	22.73	22.88	22.93		23.98			
HE20	MCS0	3	60	5300	Full	22.83	22.78	22.83		23.98			
HE20	MCS0	3	64	5320	Full	22.73	22.83	22.82		23.98			
HE40	MCS0	3	54	5270	Full	40.82	40.82	40.73		23.98			
HE40	MCS0	3	62	5310	Full	40.91	40.73	40.82		23.98			
HE80	MCS0	3	58	5290	Full	81.68	81.20	81.52		23.98			

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	22.78	22.83	22.63	23.08	23.98			
HE20	MCS0	4	60	5300	Full	22.83	22.73	22.73	22.88	23.98			
HE20	MCS0	4	64	5320	Full	22.78	22.88	22.78	22.98	23.98			
HE40	MCS0	4	54	5270	Full	40.82	40.73	40.82	40.91	23.98			
HE40	MCS0	4	62	5310	Full	40.73	40.64	40.73	40.82	23.98			
HE80	MCS0	4	58	5290	Full	81.68	81.84	81.68	81.84	23.98			

Band II Single Antenna																	
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	52	5260	Full	19.38	-	-	-	23.87	-	-	-	29.87	-	-	-
HE20	MCS0	1	60	5300	Full	19.48	-	-	-	23.90	-	-	-	29.90	-	-	-
HE20	MCS0	1	64	5320	Full	19.08	-	-	-	23.81	-	-	-	29.81	-	-	-
HE40	MCS0	1	54	5270	Full	37.86	-	-	-	23.98	-	-	-	30.00	-	-	-
HE40	MCS0	1	62	5310	Full	37.56	-	-	-	23.98	-	-	-	30.00	-	-	-
HE80	MCS0	1	58	5290	Full	77.92	-	-	-	23.98	-	-	-	30.00	-	-	-

Band II MIMO 2Tx Mode Ant 1 + 2																
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		Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	2	52	5260	Full	19.13	19.18			23.82		29.82				
HE20	MCS0	2	60	5300	Full	19.13	19.18			23.82		29.82				
HE20	MCS0	2	64	5320	Full	19.13	19.13			23.82		29.82				
HE40	MCS0	2	54	5270	Full	37.66	37.86			23.98		30.00				
HE40	MCS0	2	62	5310	Full	37.56	37.56			23.98		30.00				
HE80	MCS0	2	58	5290	Full	77.92	77.80			23.98		30.00				

Band II MIMO 3Tx Mode Ant 1 + 2 + 3																
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		Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	3	52	5260	Full	19.08	19.18	19.18		23.81		29.81				
HE20	MCS0	3	60	5300	Full	19.08	19.13	19.18		23.81		29.81				
HE20	MCS0	3	64	5320	Full	19.08	19.13	19.13		23.81		29.81				
HE40	MCS0	3	54	5270	Full	37.66	37.66	37.46		23.98		30.00				
HE40	MCS0	3	62	5310	Full	37.56	37.56	37.56		23.98		30.00				
HE80	MCS0	3	58	5290	Full	78.04	77.92	77.80		23.98		30.00				

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	19.03	19.13	19.18	19.23	23.79		29.79				
HE20	MCS0	4	60	5300	Full	19.03	19.08	19.13	19.18	23.79		29.79				
HE20	MCS0	4	64	5320	Full	19.08	19.13	19.13	19.18	23.81		29.81				
HE40	MCS0	4	54	5270	Full	37.56	37.66	37.56	37.66	23.98		30.00				
HE40	MCS0	4	62	5310	Full	37.66	37.56	37.66	37.56	23.98		30.00				
HE80	MCS0	4	58	5290	Full	78.04	78.04	77.92	77.92	23.98		30.00				



**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II Single Antenna																								
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
HE20	MCS0	1	52	5260	Full	22.30	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	25.00	-	-	-	30.00	Pass
HE20	MCS0	1	60	5300	Full	22.10	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.80	-	-	-	30.00	Pass
HE20	MCS0	1	64	5320	Full	17.10	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	19.80	-	-	-	30.00	Pass
HE40	MCS0	1	54	5270	Full	21.60	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	24.30	-	-	-	30.00	Pass
HE40	MCS0	1	62	5310	Full	16.00	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	18.70	-	-	-	30.00	Pass
HE80	MCS0	1	58	5290	Full	16.20	-	-	-	-	23.98	23.98	23.98	23.98	2.70	2.00	3.00	3.40	18.90	-	-	-	30.00	Pass

FCC Band II MIMO 2Tx Mode Ant 1 + 2																							
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	Ant 1 + 2	Ant 1 + 2	Ant 1 + 2									
HE20	MCS0	2	52	5260	Full	18.60	19.90	-	-	22.31	23.98	2.70	25.01	30.00	Pass								
HE20	MCS0	2	60	5300	Full	18.10	19.70	-	-	21.98	23.98	2.70	24.68	30.00	Pass								
HE20	MCS0	2	64	5320	Full	16.90	18.10	-	-	20.55	23.98	2.70	23.25	30.00	Pass								
HE40	MCS0	2	54	5270	Full	20.20	21.40	-	-	23.85	23.98	2.70	26.55	30.00	Pass								
HE40	MCS0	2	62	5310	Full	15.30	16.60	-	-	19.01	23.98	2.70	21.71	30.00	Pass								
HE80	MCS0	2	58	5290	Full	16.20	17.20	-	-	19.74	23.98	2.70	22.44	30.00	Pass								

FCC Band II MIMO 3Tx Mode Ant 1 + 2 + 3																							
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	Ant 1 + 2 + 3	Ant 1 + 2 + 3	Ant 1 + 2 + 3									
HE20	MCS0	3	52	5260	Full	15.90	17.10	14.70	-	20.78	23.98	3.00	23.78	30.00	Pass								
HE20	MCS0	3	60	5300	Full	15.30	16.40	14.60	-	20.27	23.98	3.00	23.27	30.00	Pass								
HE20	MCS0	3	64	5320	Full	14.90	16.30	14.10	-	19.97	23.98	3.00	22.97	30.00	Pass								
HE40	MCS0	3	54	5270	Full	18.10	18.90	16.80	-	22.79	23.98	3.00	25.79	30.00	Pass								
HE40	MCS0	3	62	5310	Full	14.90	16.00	14.00	-	19.82	23.98	3.00	22.82	30.00	Pass								
HE80	MCS0	3	58	5290	Full	15.90	16.80	14.90	-	20.71	23.98	3.00	23.71	30.00	Pass								

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	Ant 1 + 2 + 3 + 4									
HE20	MCS0	4	52	5260	Full	13.30	14.50	11.90	12.10	19.10	23.98	3.40	22.50	30.00	Pass								
HE20	MCS0	4	60	5300	Full	13.00	14.70	12.30	12.20	19.19	23.98	3.40	22.59	30.00	Pass								
HE20	MCS0	4	64	5320	Full	13.00	14.60	12.20	12.20	19.14	23.98	3.40	22.54	30.00	Pass								
HE40	MCS0	4	54	5270	Full	15.60	16.40	14.70	14.40	21.37	23.98	3.40	24.77	30.00	Pass								
HE40	MCS0	4	62	5310	Full	14.90	16.10	14.40	13.70	20.89	23.98	3.40	24.29	30.00	Pass								
HE80	MCS0	4	58	5290	Full	15.40	16.30	14.50	14.90	21.35	23.98	3.40	24.75	30.00	Pass								

**TEST RESULTS DATA**  
**Power Spectral Density**

Band II Single Antenna																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	52	5260	Full	10.96	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
HE20	MCS0	1	60	5300	Full	10.62	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
HE20	MCS0	1	64	5320	Full	5.68	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
HE40	MCS0	1	54	5270	Full	7.55	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
HE40	MCS0	1	62	5310	Full	2.60	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass
HE80	MCS0	1	58	5290	Full	0.38	-	-	-	11.00	11.00	11.00	11.00	2.70	2.00	3.00	3.40	Pass

Band II MIMO 2Tx Mode Ant 1 + 2																		
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				Ant 1 + 2				Ant 1 + 2				
HE20	MCS0	2	52	5260	Full	10.84				11.00				5.37				Pass
HE20	MCS0	2	60	5300	Full	10.83				11.00				5.37				Pass
HE20	MCS0	2	64	5320	Full	9.37				11.00				5.37				Pass
HE40	MCS0	2	54	5270	Full	10.87				11.00				5.37				Pass
HE40	MCS0	2	62	5310	Full	5.54				11.00				5.37				Pass
HE80	MCS0	2	58	5290	Full	3.62				11.00				5.37				Pass

Band II MIMO 3Tx Mode Ant 1 + 2 + 3																		
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				Ant 1 + 2 + 3				Ant 1 + 2 + 3				
HE20	MCS0	3	52	5260	Full	9.52				9.65				7.35				Pass
HE20	MCS0	3	60	5300	Full	9.31				9.65				7.35				Pass
HE20	MCS0	3	64	5320	Full	8.98				9.65				7.35				Pass
HE40	MCS0	3	54	5270	Full	9.36				9.65				7.35				Pass
HE40	MCS0	3	62	5310	Full	6.65				9.65				7.35				Pass
HE80	MCS0	3	58	5290	Full	4.45				9.65				7.35				Pass

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	7.89				8.19				8.81				Pass
HE20	MCS0	4	60	5300	Full	8.08				8.19				8.81				Pass
HE20	MCS0	4	64	5320	Full	7.97				8.19				8.81				Pass
HE40	MCS0	4	54	5270	Full	8.00				8.19				8.81				Pass
HE40	MCS0	4	62	5310	Full	7.38				8.19				8.81				Pass
HE80	MCS0	4	58	5290	Full	5.03				8.19				8.81				Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III Single Antenna																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	100	5500	Full	29.62	-	-	-	23.98	-	-	-	----	----	----	----
HE20	MCS0	1	116	5580	Full	29.47	-	-	-	23.98	-	-	-	----	----	----	----
HE20	MCS0	1	140	5700	Full	22.68	-	-	-	23.98	-	-	-	----	----	----	----
HE40	MCS0	1	102	5510	Full	40.91	-	-	-	23.98	-	-	-	----	----	----	----
HE40	MCS0	1	110	5550	Full	74.00	-	-	-	23.98	-	-	-	----	----	----	----
HE40	MCS0	1	134	5670	Full	41.09	-	-	-	23.98	-	-	-	----	----	----	----
HE80	MCS0	1	106	5530	Full	82.00	-	-	-	23.98	-	-	-	----	----	----	----
HE80	MCS0	1	122	5610	Full	82.32	-	-	-	23.98	-	-	-	----	----	----	----

Band III Straddle Channel Single Antenna																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth In U-NII 2C (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	144	5720	Full	18.54	-	-	-	23.68	-	-	-	4.59			
HE40	MCS0	1	142	5710	Full	44.04	-	-	-	23.98	-	-	-	3.79			
HE80	MCS0	1	138	5690	Full	99.74	-	-	-	23.98	-	-	-	3.84			

Band III MIMO 2Tx Mode Ant 1 + 2																
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		Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	2	100	5500	Full	25.12	22.78			23.98		----	----			
HE20	MCS0	2	116	5580	Full	23.93	22.73			23.98		----	----			
HE20	MCS0	2	140	5700	Full	22.78	22.78			23.98		----	----			
HE40	MCS0	2	102	5510	Full	40.91	40.91			23.98		----	----			
HE40	MCS0	2	110	5550	Full	41.00	40.73			23.98		----	----			
HE40	MCS0	2	134	5670	Full	40.91	40.82			23.98		----	----			
HE80	MCS0	2	106	5530	Full	82.16	81.52			23.98		----	----			
HE80	MCS0	2	122	5610	Full	82.32	81.68			23.98		----	----			

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																
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		Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	2	144	5720	Full	16.19	16.19			23.09220023		4.54	4.59			
HE40	MCS0	2	142	5710	Full	35.23	35.23			23.97940009		3.79	3.88			
HE80	MCS0	2	138	5690	Full	75.76	75.6			23.97940009		3.84	3.36			

Band III Single Antenna																	
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	100	5500	Full	19.13	-	-	-	23.82	-	-	-	29.82	-	-	-
HE20	MCS0	1	116	5580	Full	19.13	-	-	-	23.82	-	-	-	29.82	-	-	-
HE20	MCS0	1	140	5700	Full	19.03	-	-	-	23.79	-	-	-	29.79	-	-	-
HE40	MCS0	1	102	5510	Full	37.66	-	-	-	23.98	-	-	-	30.00	-	-	-
HE40	MCS0	1	110	5550	Full	38.56	-	-	-	23.98	-	-	-	30.00	-	-	-
HE40	MCS0	1	134	5670	Full	37.76	-	-	-	23.98	-	-	-	30.00	-	-	-
HE80	MCS0	1	106	5530	Full	78.16	-	-	-	23.98	-	-	-	30.00	-	-	-
HE80	MCS0	1	122	5610	Full	78.28	-	-	-	23.98	-	-	-	30.00	-	-	-

Band III Straddle Channel Single Antenna																	
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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
HE20	MCS0	1	144	5720	Full	14.44	-	-	-	22.60	-	-	-	28.60	-	-	-
HE40	MCS0	1	142	5710	Full	33.88	-	-	-	23.98	-	-	-	30.00	-	-	-
HE80	MCS0	1	138	5690	Full	74.56	-	-	-	23.98	-	-	-	30.00	-	-	-

Band III MIMO 2Tx Mode Ant 1 + 2																
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		Ant 1 + 2				
HE20	MCS0	2	100	5500	Full	19.08	19.23			23.81		29.81				
HE20	MCS0	2	116	5580	Full	19.08	19.13			23.81		29.81				
HE20	MCS0	2	140	5700	Full	19.03	19.13			23.79		29.79				
HE40	MCS0	2	102	5510	Full	37.76	37.66			23.98		30.00				
HE40	MCS0	2	110	5550	Full	37.76	37.66			23.98		30.00				
HE40	MCS0	2	134	5670	Full	37.76	37.76			23.98		30.00				
HE80	MCS0	2	106	5530	Full	78.16	78.04			23.98		30.00				
HE80	MCS0	2	122	5610	Full	78.40	78.04			23.98		30.00				

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																
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		Ant 1 + 2				
HE20	MCS0	2	144	5720	Full	14.44	14.44			22.60		28.60				
HE40	MCS0	2	142	5710	Full	33.68	33.78			23.98		30.00				
HE80	MCS0	2	138	5690	Full	74.20	74.08			23.98		30.00				

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III Single Antenna																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
HE20	MCS0	1	100	5500	Full	20.60	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	24.70	-	-	-	30.00	Pass
HE20	MCS0	1	116	5580	Full	21.30	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	25.40	-	-	-	30.00	Pass
HE20	MCS0	1	140	5700	Full	16.10	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	20.20	-	-	-	30.00	Pass
HE40	MCS0	1	102	5510	Full	18.80	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	22.90	-	-	-	30.00	Pass
HE40	MCS0	1	110	5550	Full	23.90	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	28.00	-	-	-	30.00	Pass
HE40	MCS0	1	134	5670	Full	20.90	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	25.00	-	-	-	30.00	Pass
HE80	MCS0	1	106	5530	Full	18.80	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	22.90	-	-	-	30.00	Pass
HE80	MCS0	1	122	5610	Full	20.20	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	24.30	-	-	-	30.00	Pass

FCC Band III Straddle Channel Single Antenna																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4		
HE20	MCS0	1	144	5720	Full	21.40	-	-	-	-	23.68	23.98	-	-	4.10	2.20	-	-	25.50	-	-	-	30.00	Pass
HE40	MCS0	1	142	5710	Full	23.80	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	27.90	-	-	-	30.00	Pass
HE80	MCS0	1	138	5690	Full	23.70	-	-	-	-	23.98	23.98	-	-	4.10	2.20	-	-	27.80	-	-	-	30.00	Pass

FCC Band III MIMO 2Tx Mode Ant 1 + 2																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 3 + 4	Ant 1 + 2	Ant 3 + 4	Ant 1 + 2	Ant 3 + 4								
HE20	MCS0	2	100	5500	Full	18.70	18.40	-	-	-	21.56	23.98	4.10	25.66	30.00	30.00	Pass							
HE20	MCS0	2	116	5580	Full	19.00	18.50	-	-	-	21.77	23.98	4.10	25.87	30.00	30.00	Pass							
HE20	MCS0	2	140	5700	Full	16.70	15.50	-	-	-	19.15	23.98	4.10	23.25	30.00	30.00	Pass							
HE40	MCS0	2	102	5510	Full	18.70	18.20	-	-	-	21.47	23.98	4.10	25.57	30.00	30.00	Pass							
HE40	MCS0	2	110	5550	Full	21.10	20.60	-	-	-	23.87	23.98	4.10	27.97	30.00	30.00	Pass							
HE40	MCS0	2	134	5670	Full	20.50	20.40	-	-	-	23.46	23.98	4.10	27.56	30.00	30.00	Pass							
HE80	MCS0	2	106	5530	Full	19.00	18.90	-	-	-	21.96	23.98	4.10	26.06	30.00	30.00	Pass							
HE80	MCS0	2	122	5610	Full	20.00	19.60	-	-	-	22.81	23.98	4.10	26.91	30.00	30.00	Pass							

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																								
Mod.	Data Rate	N <sub>TX</sub>	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	Ant 3 + 4	Ant 1 + 2	Ant 3 + 4	Ant 1 + 2	Ant 3 + 4								
HE20	MCS0	2	144	5720	Full	19.40	18.10	-	-	-	21.81	23.09	4.10	25.91	30.00	30.00	Pass							
HE40	MCS0	2	142	5710	Full	21.20	20.50	-	-	-	23.87	23.98	4.10	27.97	30.00	30.00	Pass							
HE80	MCS0	2	138	5690	Full	21.10	20.40	-	-	-	23.77	23.98	4.10	27.87	30.00	30.00	Pass							

**TEST RESULTS DATA**  
**Power Spectral Density**

Band III Single Antenna																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	100	5500	Full	10.13	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE20	MCS0	1	116	5580	Full	10.70	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE20	MCS0	1	140	5700	Full	5.68	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE40	MCS0	1	102	5510	Full	5.37	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE40	MCS0	1	110	5550	Full	10.92	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE40	MCS0	1	134	5670	Full	7.17	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE80	MCS0	1	106	5530	Full	3.13	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE80	MCS0	1	122	5610	Full	4.23	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass

Band III Straddle Channel Single Antenna																		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)				PSD Limit (dBm/MHz)				DG (dBi)				Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	1	144	5720	Full	10.98	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE40	MCS0	1	142	5710	Full	10.11	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass
HE80	MCS0	1	138	5690	Full	7.09	-	-	-	11.00	-	-	-	4.10	2.20	-	-	Pass

FCC Band III MIMO 2Tx Mode Ant 1 + 2																		
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				Ant 1 + 2				Ant 1 + 2				
HE20	MCS0	2	100	5500	Full	10.46				10.79				6.21				Pass
HE20	MCS0	2	116	5580	Full	10.76				10.79				6.21				Pass
HE20	MCS0	2	140	5700	Full	8.50				10.79				6.21				Pass
HE40	MCS0	2	102	5510	Full	8.36				10.79				6.21				Pass
HE40	MCS0	2	110	5550	Full	10.53				10.79				6.21				Pass
HE40	MCS0	2	134	5670	Full	10.11				10.79				6.21				Pass
HE80	MCS0	2	106	5530	Full	6.06				10.79				6.21				Pass
HE80	MCS0	2	122	5610	Full	6.86				10.79				6.21				Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2																		
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				Ant 1 + 2				Ant 1 + 2				
HE20	MCS0	2	144	5720	Full	10.49				10.79				6.21				Pass
HE40	MCS0	2	142	5710	Full	10.21				10.79				6.21				Pass
HE80	MCS0	2	138	5690	Full	7.08				10.79				6.21				Pass

## &lt;TXBF Mode&gt;

Test Engineer	Kai Liao	Temperature	21~25	°C
Test Date	2020/9/15 ~ 9/17	Relative Humidity	51~54	%

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I MIMO 2Tx Mode Ant 1 + 2												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HT20	MCS0	2	36	5180	13.60	14.20			16.92	30.00	5.92	Pass
HT20	MCS0	2	44	5220	20.80	22.00			24.45	30.00	5.92	Pass
HT20	MCS0	2	48	5240	21.90	22.80			25.38	30.00	5.92	Pass
HT40	MCS0	2	38	5190	11.00	11.90			14.48	30.00	5.92	Pass
HT40	MCS0	2	46	5230	17.50	18.60			21.10	30.00	5.92	Pass
VHT20	MCS0	2	36	5180	13.70	14.40			17.07	30.00	5.92	Pass
VHT20	MCS0	2	44	5220	21.00	22.10			24.60	30.00	5.92	Pass
VHT20	MCS0	2	48	5240	22.00	22.90			25.48	30.00	5.92	Pass
VHT40	MCS0	2	38	5190	11.10	12.00			14.58	30.00	5.92	Pass
VHT40	MCS0	2	46	5230	17.70	18.80			21.30	30.00	5.92	Pass
VHT80	MCS0	2	42	5210	11.90	12.30			15.11	30.00	5.92	Pass
VHT160	MCS0	2	50	5250	12.50	12.50			15.51	30.00	5.92	Pass



FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HT20	MCS0	3	36	5180	13.30	13.90	14.80		18.82	28.29	7.71	Pass
HT20	MCS0	3	44	5220	15.80	16.50	17.00		21.23	28.29	7.71	Pass
HT20	MCS0	3	48	5240	16.00	16.60	16.90		21.29	28.29	7.71	Pass
HT40	MCS0	3	38	5190	11.10	12.00	12.80		16.79	28.29	7.71	Pass
HT40	MCS0	3	46	5230	17.50	18.70	18.60		23.07	28.29	7.71	Pass
VHT20	MCS0	3	36	5180	13.50	14.00	15.00		18.98	28.29	7.71	Pass
VHT20	MCS0	3	44	5220	16.00	16.60	17.10		21.36	28.29	7.71	Pass
VHT20	MCS0	3	48	5240	16.20	16.80	17.10		21.49	28.29	7.71	Pass
VHT40	MCS0	3	38	5190	11.30	12.10	13.00		16.96	28.29	7.71	Pass
VHT40	MCS0	3	46	5230	17.60	18.90	18.80		23.24	28.29	7.71	Pass
VHT80	MCS0	3	42	5210	11.70	12.50	12.80		17.13	28.29	7.71	Pass
VHT160	MCS0	3	50	5250	12.20	12.50	13.40		17.50	28.29	7.71	Pass

FCC Band I 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)	Pass /Fail
					Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HT20	MCS0	4	36	5180	13.50	14.10	14.60	14.30	20.16	26.71	9.29	Pass
HT20	MCS0	4	44	5220	14.90	15.40	15.90	15.50	21.46	26.71	9.29	Pass
HT20	MCS0	4	48	5240	15.80	16.60	16.80	16.30	22.41	26.71	9.29	Pass
HT40	MCS0	4	38	5190	11.00	11.80	13.10	12.10	18.09	26.71	9.29	Pass
HT40	MCS0	4	46	5230	17.50	18.70	18.80	18.10	24.33	26.71	9.29	Pass
VHT20	MCS0	4	36	5180	13.60	14.20	14.80	14.40	20.29	26.71	9.29	Pass
VHT20	MCS0	4	44	5220	15.00	15.60	16.10	15.60	21.61	26.71	9.29	Pass
VHT20	MCS0	4	48	5240	15.90	16.80	17.00	16.40	22.57	26.71	9.29	Pass
VHT40	MCS0	4	38	5190	11.10	12.00	13.20	12.20	18.21	26.71	9.29	Pass
VHT40	MCS0	4	46	5230	17.70	18.80	19.00	18.30	24.50	26.71	9.29	Pass
VHT80	MCS0	4	42	5210	11.10	11.90	13.00	12.00	18.07	26.71	9.29	Pass
VHT160	MCS0	4	50	5250	12.50	12.30	13.40	13.00	18.84	26.71	9.29	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I MIMO 2Tx Mode Ant 1 + 2														
Mod.	Data Rate	N <sub>Tx</sub>	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	2	36	5180	Full	22.83	23.58			19.28	19.13			22.82
HE20	MCS0	2	44	5220	Full	49.07	50.66			23.68	28.57			23.01
HE20	MCS0	2	48	5240	Full	49.79	54.70			27.27	33.07			23.01
HE40	MCS0	2	38	5190	Full	41.36	41.00			37.76	37.86			23.01
HE40	MCS0	2	46	5230	Full	61.86	55.92			37.96	38.16			23.01
HE80	MCS0	2	42	5210	Full	81.36	81.04			77.92	77.80			23.01
HE160	MCS0	2	50	5250	Full	160.80	160.80			155.12	154.89			23.01

Band I MIMO 3Tx Mode Ant 1 + 2 + 3														
Mod.	Data Rate	N <sub>Tx</sub>	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	3	36	5180	Full	22.58	22.83	23.43		19.08	19.08	19.13		22.81
HE20	MCS0	3	44	5220	Full	24.28	23.28	28.92		19.13	19.18	19.23		22.82
HE20	MCS0	3	48	5240	Full	22.69	25.17	25.77		19.18	19.18	19.23		22.83
HE40	MCS0	3	38	5190	Full	41.18	41.09	41.45		37.86	37.76	37.86		23.01
HE40	MCS0	3	46	5230	Full	53.05	47.29	58.53		37.86	37.96	37.96		23.01
HE80	MCS0	3	42	5210	Full	80.88	81.04	81.20		77.80	77.80	77.80		23.01
HE160	MCS0	3	50	5250	Full	161.12	160.48	160.16		154.89	154.65	154.65		23.01

Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4														
Mod.	Data Rate	N <sub>Tx</sub>	CH.	Freq. (MHz)	RU Config	26 dB Bandwidth (MHz)				99% Bandwidth (MHz)				IC 99% Bandwidth EIRP Limit (dBm)
						Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
HE20	MCS0	4	36	5180	Full	22.88	23.23	23.03	22.58	19.08	19.03	19.18	19.08	22.79
HE20	MCS0	4	44	5220	Full	22.48	25.67	22.38	22.38	19.13	19.38	19.13	19.08	22.81
HE20	MCS0	4	48	5240	Full	22.93	26.87	32.07	27.52	19.13	19.18	19.18	19.18	22.82
HE40	MCS0	4	38	5190	Full	41.45	41.09	41.00	40.82	37.86	37.76	37.86	37.66	23.01
HE40	MCS0	4	46	5230	Full	52.33	67.70	68.51	56.28	37.96	38.06	38.36	37.96	23.01
HE80	MCS0	4	42	5210	Full	80.56	80.72	80.72	80.72	77.68	77.56	77.80	77.80	23.01
HE160	MCS0	4	50	5250	Full	159.84	160.16	160.80	160.16	154.65	154.89	154.89	154.65	23.01

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I MIMO 2Tx Mode Ant 1 + 2													
Mod.	Data Rate	N <sub>TX</sub>	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	2	36	5180	Full	14.20	14.90			17.57	30.00	5.92	Pass
HE20	MCS0	2	44	5220	Full	21.30	22.30			24.84	30.00	5.92	Pass
HE20	MCS0	2	48	5240	Full	22.30	23.00			25.67	30.00	5.92	Pass
HE40	MCS0	2	38	5190	Full	12.10	12.60			15.37	30.00	5.92	Pass
HE40	MCS0	2	46	5230	Full	18.50	19.40			21.98	30.00	5.92	Pass
HE80	MCS0	2	42	5210	Full	12.30	12.80			15.57	30.00	5.92	Pass
HE160	MCS0	2	50	5250	Full	12.70	12.80			15.76	30.00	5.92	Pass

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3													
Mod.	Data Rate	N <sub>TX</sub>	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	3	36	5180	Full	14.10	14.70	15.60		19.62	28.29	7.71	Pass
HE20	MCS0	3	44	5220	Full	16.30	17.00	17.40		21.69	28.29	7.71	Pass
HE20	MCS0	3	48	5240	Full	16.30	17.00	17.40		21.69	28.29	7.71	Pass
HE40	MCS0	3	38	5190	Full	12.00	13.00	13.70		17.73	28.29	7.71	Pass
HE40	MCS0	3	46	5230	Full	18.30	19.40	19.30		23.80	28.29	7.71	Pass
HE80	MCS0	3	42	5210	Full	12.70	13.10	13.80		18.00	28.29	7.71	Pass
HE160	MCS0	3	50	5250	Full	12.50	12.30	13.80		17.69	28.29	7.71	Pass

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4													
Mod.	Data Rate	N <sub>TX</sub>	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)					FCC Power Limit (dBm)	DG (dBi)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM			
HE20	MCS0	4	36	5180	Full	14.20	14.80	15.60	15.10	20.97	26.71	9.29	Pass
HE20	MCS0	4	44	5220	Full	15.70	16.50	16.60	16.30	22.31	26.71	9.29	Pass
HE20	MCS0	4	48	5240	Full	16.70	17.30	17.70	17.20	23.26	26.71	9.29	Pass
HE40	MCS0	4	38	5190	Full	12.20	13.00	13.70	12.70	18.95	26.71	9.29	Pass
HE40	MCS0	4	46	5230	Full	18.60	19.50	19.40	18.90	25.14	26.71	9.29	Pass
HE80	MCS0	4	42	5210	Full	11.60	12.20	13.80	12.40	18.60	26.71	9.29	Pass
HE160	MCS0	4	50	5250	Full	12.70	12.20	13.50	12.90	18.87	26.71	9.29	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band I MIMO 2Tx Mode Ant 1 + 2									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2	Ant 1 + 2	Ant 1 + 2	
HE20	MCS0	2	36	5180	Full	6.43	17.00	5.92	Pass
HE20	MCS0	2	44	5220	Full	14.15	17.00	5.92	Pass
HE20	MCS0	2	48	5240	Full	15.16	17.00	5.92	Pass
HE40	MCS0	2	38	5190	Full	3.42	17.00	5.92	Pass
HE40	MCS0	2	46	5230	Full	9.99	17.00	5.92	Pass
HE80	MCS0	2	42	5210	Full	3.50	17.00	5.92	Pass
HE160	MCS0	2	50	5250	Full	1.68	17.00	5.92	Pass

FCC Band I MIMO 3Tx Mode Ant 1 + 2 + 3									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
						Ant 1 + 2 + 3	Ant 1 + 2 + 3	Ant 1 + 2 + 3	
HE20	MCS0	3	36	5180	Full	7.71	15.29	7.71	Pass
HE20	MCS0	3	44	5220	Full	10.50	15.29	7.71	Pass
HE20	MCS0	3	48	5240	Full	10.50	15.29	7.71	Pass
HE40	MCS0	3	38	5190	Full	5.00	15.29	7.71	Pass
HE40	MCS0	3	46	5230	Full	12.03	15.29	7.71	Pass
HE80	MCS0	3	42	5210	Full	5.58	15.29	7.71	Pass
HE160	MCS0	3	50	5250	Full	3.75	15.29	7.71	Pass

FCC Band I MIMO 4Tx Mode Ant 1 + 2 + 3 + 4									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)	Average 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	36	5180	Full	9.60	13.71	9.29	Pass
HE20	MCS0	4	44	5220	Full	10.55	13.71	9.29	Pass
HE20	MCS0	4	48	5240	Full	11.56	13.71	9.29	Pass
HE40	MCS0	4	38	5190	Full	6.28	13.71	9.29	Pass
HE40	MCS0	4	46	5230	Full	12.86	13.71	9.29	Pass
HE80	MCS0	4	42	5210	Full	5.61	13.71	9.29	Pass
HE160	MCS0	4	50	5250	Full	4.90	13.71	9.29	Pass

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II MIMO 2Tx Mode Ant 1 + 2														
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					
HT20	MCS0	2	52	5260	18.10	17.90			21.01	23.98	5.37	26.38	30.00	Pass
HT20	MCS0	2	60	5300	17.90	17.80			20.86	23.98	5.37	26.23	30.00	Pass
HT20	MCS0	2	64	5320	13.80	13.30			16.57	23.98	5.37	21.93	30.00	Pass
HT40	MCS0	2	54	5270	17.50	17.50			20.51	23.98	5.37	25.88	30.00	Pass
HT40	MCS0	2	62	5310	14.20	13.80			17.01	23.98	5.37	22.38	30.00	Pass
VHT20	MCS0	2	52	5260	18.20	18.10			21.16	23.98	5.37	26.53	30.00	Pass
VHT20	MCS0	2	60	5300	18.00	17.90			20.96	23.98	5.37	26.33	30.00	Pass
VHT20	MCS0	2	64	5320	13.90	13.50			16.71	23.98	5.37	22.08	30.00	Pass
VHT40	MCS0	2	54	5270	17.60	17.60			20.61	23.98	5.37	25.98	30.00	Pass
VHT40	MCS0	2	62	5310	14.30	14.00			17.16	23.98	5.37	22.53	30.00	Pass
VHT80	MCS0	2	58	5290	14.30	14.00			17.16	23.98	5.37	22.53	30.00	Pass

FCC Band II MIMO 3Tx Mode Ant 1 + 2 + 3														
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					
HT20	MCS0	3	52	5260	15.30	15.20	15.70		20.18	22.63	7.35	27.52	30.00	Pass
HT20	MCS0	3	60	5300	15.00	14.60	15.30		19.75	22.63	7.35	27.10	30.00	Pass
HT20	MCS0	3	64	5320	13.70	13.30	14.50		18.63	22.63	7.35	25.98	30.00	Pass
HT40	MCS0	3	54	5270	15.60	15.30	16.20		20.49	22.63	7.35	27.84	30.00	Pass
HT40	MCS0	3	62	5310	14.10	13.90	14.90		19.09	22.63	7.35	26.44	30.00	Pass
VHT20	MCS0	3	52	5260	15.50	15.30	15.80		20.31	22.63	7.35	27.66	30.00	Pass
VHT20	MCS0	3	60	5300	15.10	14.70	15.50		19.88	22.63	7.35	27.23	30.00	Pass
VHT20	MCS0	3	64	5320	13.80	13.40	14.60		18.73	22.63	7.35	26.08	30.00	Pass
VHT40	MCS0	3	54	5270	15.70	15.50	16.30		20.62	22.63	7.35	27.97	30.00	Pass
VHT40	MCS0	3	62	5310	14.20	14.00	15.10		19.23	22.63	7.35	26.58	30.00	Pass
VHT80	MCS0	3	58	5290	13.10	12.70	13.90		18.03	22.63	7.35	25.38	30.00	Pass

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					
HT20	MCS0	4	52	5260	12.50	12.30	12.30	13.50	18.70	21.17	8.81	27.51	30.00	Pass
HT20	MCS0	4	60	5300	12.20	11.80	12.80	13.40	18.61	21.17	8.81	27.42	30.00	Pass
HT20	MCS0	4	64	5320	11.80	11.40	13.00	13.00	18.38	21.17	8.81	27.19	30.00	Pass
HT40	MCS0	4	54	5270	12.60	12.40	13.60	12.90	18.92	21.17	8.81	27.73	30.00	Pass
HT40	MCS0	4	62	5310	13.30	12.90	13.90	13.50	19.44	21.17	8.81	28.25	30.00	Pass
VHT20	MCS0	4	52	5260	12.60	12.40	12.60	13.60	18.85	21.17	8.81	27.66	30.00	Pass
VHT20	MCS0	4	60	5300	12.30	11.90	12.90	13.50	18.71	21.17	8.81	27.52	30.00	Pass
VHT20	MCS0	4	64	5320	11.90	11.60	13.10	13.10	18.50	21.17	8.81	27.31	30.00	Pass
VHT40	MCS0	4	54	5270	12.70	12.50	13.80	13.00	19.05	21.17	8.81	27.86	30.00	Pass
VHT40	MCS0	4	62	5310	13.50	13.00	14.10	13.70	19.61	21.17	8.81	28.42	30.00	Pass
VHT80	MCS0	4	58	5290	12.20	11.90	12.60	13.40	18.58	21.17	8.81	27.39	30.00	Pass

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III MIMO 2Tx Mode Ant 1 + 2														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dB)				SUM	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						
HT20	MCS0	2	100	5500	15.30	16.90			19.18	23.77	6.21	25.40	30.00	Pass
HT20	MCS0	2	116	5580	17.30	18.70			21.07	23.77	6.21	27.28	30.00	Pass
HT20	MCS0	2	140	5700	15.00	15.80			18.43	23.77	6.21	24.64	30.00	Pass
HT40	MCS0	2	102	5510	15.00	15.00			18.01	23.77	6.21	24.22	30.00	Pass
HT40	MCS0	2	110	5550	18.90	18.80			21.86	23.77	6.21	28.07	30.00	Pass
HT40	MCS0	2	134	5670	17.70	17.90			20.81	23.77	6.21	27.02	30.00	Pass
VHT20	MCS0	2	100	5500	15.40	17.00			19.28	23.77	6.21	25.50	30.00	Pass
VHT20	MCS0	2	116	5580	17.40	18.80			21.17	23.77	6.21	27.38	30.00	Pass
VHT20	MCS0	2	140	5700	15.20	15.90			18.57	23.77	6.21	24.79	30.00	Pass
VHT40	MCS0	2	102	5510	15.10	15.10			18.11	23.77	6.21	24.32	30.00	Pass
VHT40	MCS0	2	110	5550	19.00	18.90			21.96	23.77	6.21	28.17	30.00	Pass
VHT40	MCS0	2	134	5670	17.80	18.00			20.91	23.77	6.21	27.12	30.00	Pass
VHT80	MCS0	2	106	5530	16.00	15.30			18.67	23.77	6.21	24.89	30.00	Pass
VHT80	MCS0	2	122	5610	18.80	19.30			22.07	23.77	6.21	28.28	30.00	Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dB)				SUM	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						
HT20	MCS0	2	144	5720	18.00	18.80			21.43	23.77	6.21	27.64	30.00	Pass
HT40	MCS0	2	142	5710	17.50	17.90			20.71	23.77	6.21	26.93	30.00	Pass
VHT20	MCS0	2	144	5720	18.10	18.90			21.53	23.77	6.21	27.74	30.00	Pass
VHT40	MCS0	2	142	5710	17.60	18.00			20.81	23.77	6.21	27.03	30.00	Pass
VHT80	MCS0	2	138	5690	19.10	19.10			22.11	23.77	6.21	28.32	30.00	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II MIMO 2Tx Mode Ant 1 + 2											
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	
HE20	MCS0	2	52	5260	Full	34.67	34.42			23.98	
HE20	MCS0	2	60	5300	Full	34.48	28.92			23.98	
HE20	MCS0	2	64	5320	Full	22.98	22.68			23.98	
HE40	MCS0	2	54	5270	Full	41.81	41.18			23.98	
HE40	MCS0	2	62	5310	Full	41.09	41.18			23.98	
HE80	MCS0	2	58	5290	Full	81.20	81.20			23.98	

Band II MIMO 3Tx Mode Ant 1 + 2 + 3											
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	
HE20	MCS0	3	52	5260	Full	22.93	22.78	22.63		23.98	
HE20	MCS0	3	60	5300	Full	22.93	22.93	24.03		23.98	
HE20	MCS0	3	64	5320	Full	22.73	22.48	23.33		23.98	
HE40	MCS0	3	54	5270	Full	41.45	41.00	41.00		23.98	
HE40	MCS0	3	62	5310	Full	41.63	41.45	41.36		23.98	
HE80	MCS0	3	58	5290	Full	81.04	81.04	80.56		23.98	

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	22.88	22.63	22.73	22.73	23.98	
HE20	MCS0	4	60	5300	Full	22.78	22.78	22.73	22.63	23.98	
HE20	MCS0	4	64	5320	Full	22.73	22.53	22.83	22.78	23.98	
HE40	MCS0	4	54	5270	Full	41.45	41.00	40.73	41.54	23.98	
HE40	MCS0	4	62	5310	Full	41.09	40.91	41.27	41.00	23.98	
HE80	MCS0	4	58	5290	Full	80.72	81.20	80.88	80.88	23.98	



**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II MIMO 2Tx Mode Ant 1 + 2															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)				SUM	FCC Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4						
HE20	MCS0	2	52	5260	Full	18.60	18.20		21.41	23.98	5.37	26.78	30.00	Pass	
HE20	MCS0	2	60	5300	Full	18.20	18.10		21.16	23.98	5.37	26.53	30.00	Pass	
HE20	MCS0	2	64	5320	Full	14.30	14.10		17.21	23.98	5.37	22.58	30.00	Pass	
HE40	MCS0	2	54	5270	Full	17.90	17.90		20.91	23.98	5.37	26.28	30.00	Pass	
HE40	MCS0	2	62	5310	Full	14.40	14.00		17.21	23.98	5.37	22.58	30.00	Pass	
HE80	MCS0	2	58	5290	Full	14.40	14.00		17.21	23.98	5.37	22.58	30.00	Pass	

FCC Band II MIMO 3Tx Mode Ant 1 + 2 + 3															
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					
HE20	MCS0	3	52	5260	Full	15.50	15.40	15.80		20.34	22.63	7.35	27.69	30.00	Pass
HE20	MCS0	3	60	5300	Full	15.20	14.80	15.80		20.06	22.63	7.35	27.41	30.00	Pass
HE20	MCS0	3	64	5320	Full	14.10	14.00	14.70		19.05	22.63	7.35	26.40	30.00	Pass
HE40	MCS0	3	54	5270	Full	15.90	16.00	16.70		20.99	22.63	7.35	28.33	30.00	Pass
HE40	MCS0	3	62	5310	Full	14.40	14.20	15.60		19.55	22.63	7.35	26.90	30.00	Pass
HE80	MCS0	3	58	5290	Full	13.80	13.00	14.40		18.54	22.63	7.35	25.89	30.00	Pass

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					
HE20	MCS0	4	52	5260	Full	13.00	12.80	13.20	13.70	19.21	21.17	8.81	28.02	30.00	Pass
HE20	MCS0	4	60	5300	Full	12.50	12.10	13.00	13.60	18.86	21.17	8.81	27.67	30.00	Pass
HE20	MCS0	4	64	5320	Full	12.50	12.10	12.80	13.50	18.78	21.17	8.81	27.59	30.00	Pass
HE40	MCS0	4	54	5270	Full	13.00	13.20	14.00	13.60	19.49	21.17	8.81	28.30	30.00	Pass
HE40	MCS0	4	62	5310	Full	13.60	13.50	14.50	14.10	19.96	21.17	8.81	28.77	30.00	Pass
HE80	MCS0	4	58	5290	Full	12.50	12.30	13.50	13.00	18.87	21.17	8.81	27.68	30.00	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

Band II MIMO 2Tx Mode Ant 1 + 2									
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	Ant 1 + 2	Ant 1 + 2	
HE20	MCS0	2	52	5260	Full	10.86	11.00	5.37	Pass
HE20	MCS0	2	60	5300	Full	10.81	11.00	5.37	Pass
HE20	MCS0	2	64	5320	Full	6.62	11.00	5.37	Pass
HE40	MCS0	2	54	5270	Full	10.13	11.00	5.37	Pass
HE40	MCS0	2	62	5310	Full	6.19	11.00	5.37	Pass
HE80	MCS0	2	58	5290	Full	6.09	11.00	5.37	Pass

Band II MIMO 3Tx Mode Ant 1 + 2 + 3									
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	Ant 1 + 2 + 3	Ant 1 + 2 + 3	
HE20	MCS0	3	52	5260	Full	9.35	9.65	7.35	Pass
HE20	MCS0	3	60	5300	Full	8.85	9.65	7.35	Pass
HE20	MCS0	3	64	5320	Full	8.03	9.65	7.35	Pass
HE40	MCS0	3	54	5270	Full	9.62	9.65	7.35	Pass
HE40	MCS0	3	62	5310	Full	8.28	9.65	7.35	Pass
HE80	MCS0	3	58	5290	Full	7.24	9.65	7.35	Pass

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	8.06	8.19	8.81	Pass
HE20	MCS0	4	60	5300	Full	7.57	8.19	8.81	Pass
HE20	MCS0	4	64	5320	Full	7.57	8.19	8.81	Pass
HE40	MCS0	4	54	5270	Full	7.95	8.19	8.81	Pass
HE40	MCS0	4	62	5310	Full	8.17	8.19	8.81	Pass
HE80	MCS0	4	58	5290	Full	7.64	8.19	8.81	Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III MIMO 2Tx Mode Ant 1 + 2														
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	Ant 1	Ant 2	Ant 3
HE20	MCS0	2	100	5500	Full	22.93	22.63			23.98	----	----		
HE20	MCS0	2	116	5580	Full	22.83	22.48			23.98	----	----		
HE20	MCS0	2	140	5700	Full	23.03	22.58			23.98	----	----		
HE40	MCS0	2	102	5510	Full	41.09	40.82			23.98	----	----		
HE40	MCS0	2	110	5550	Full	41.18	40.64			23.98	----	----		
HE40	MCS0	2	134	5670	Full	41.00	40.91			23.98	----	----		
HE80	MCS0	2	106	5530	Full	81.20	81.36			23.98	----	----		
HE80	MCS0	2	122	5610	Full	81.36	81.04			23.98	----	----		

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2														
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		Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	16.39	16.39			23.14552455	4.54	4.54		
HE40	MCS0	2	142	5710	Full	26.59	35.32			23.98	3.70	3.34		
HE80	MCS0	2	138	5690	Full	75.6	75.44			23.98	2.56	2.56		

Band III MIMO 2Tx Mode Ant 1 + 2												
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
HE20	MCS0	2	100	5500	Full	19.23	19.18			23.83	29.83	
HE20	MCS0	2	116	5580	Full	19.23	19.18			23.83	29.83	
HE20	MCS0	2	140	5700	Full	19.28	19.13			23.82	29.82	
HE40	MCS0	2	102	5510	Full	37.76	37.76			23.98	30.00	
HE40	MCS0	2	110	5550	Full	37.76	37.76			23.98	30.00	
HE40	MCS0	2	134	5670	Full	37.86	37.86			23.98	30.00	
HE80	MCS0	2	106	5530	Full	77.80	77.92			23.98	30.00	
HE80	MCS0	2	122	5610	Full	78.16	78.04			23.98	30.00	

Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2												
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
HE20	MCS0	2	144	5720	Full	14.54	14.54			22.63	28.63	
HE40	MCS0	2	142	5710	Full	33.78	33.78			23.98	30.00	
HE80	MCS0	2	138	5690	Full	73.96	73.96			23.98	30.00	

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III MIMO 2Tx Mode Ant 1 + 2															
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					
HE20	MCS0	2	100	5500	Full	15.70	17.10			19.47	23.77	6.21	25.68	30.00	Pass
HE20	MCS0	2	116	5580	Full	17.40	19.00			21.28	23.77	6.21	27.50	30.00	Pass
HE20	MCS0	2	140	5700	Full	15.30	16.20			18.78	23.77	6.21	25.00	30.00	Pass
HE40	MCS0	2	102	5510	Full	15.60	15.50			18.56	23.77	6.21	24.77	30.00	Pass
HE40	MCS0	2	110	5550	Full	19.40	19.30			22.36	23.77	6.21	28.57	30.00	Pass
HE40	MCS0	2	134	5670	Full	18.00	18.30			21.16	23.77	6.21	27.38	30.00	Pass
HE80	MCS0	2	106	5530	Full	15.90	15.50			18.71	23.77	6.21	24.93	30.00	Pass
HE80	MCS0	2	122	5610	Full	19.20	19.10			22.16	23.77	6.21	28.37	30.00	Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2															
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					
HE20	MCS0	2	144	5720	Full	18.30	19.00			21.67	22.93	6.21	27.89	30.00	Pass
HE40	MCS0	2	142	5710	Full	19.40	19.30			22.36	23.77	6.21	28.57	30.00	Pass
HE80	MCS0	2	138	5690	Full	19.30	19.30			22.31	23.77	6.21	28.52	30.00	Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band III MIMO 2Tx Mode Ant 1 + 2									
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	Ant 1 + 2	Ant 1 + 2	
HE20	MCS0	2	100	5500	Full	8.70	10.79	6.21	Pass
HE20	MCS0	2	116	5580	Full	10.02	10.79	6.21	Pass
HE20	MCS0	2	140	5700	Full	8.22	10.79	6.21	Pass
HE40	MCS0	2	102	5510	Full	6.33	10.79	6.21	Pass
HE40	MCS0	2	110	5550	Full	10.53	10.79	6.21	Pass
HE40	MCS0	2	134	5670	Full	9.25	10.79	6.21	Pass
HE80	MCS0	2	106	5530	Full	6.42	10.79	6.21	Pass
HE80	MCS0	2	122	5610	Full	10.38	10.79	6.21	Pass

FCC Band III Straddle Channel MIMO 2Tx Mode Ant 1 + 2									
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	Ant 1 + 2	Ant 1 + 2	
HE20	MCS0	2	144	5720	Full	10.56	10.79	6.21	Pass
HE40	MCS0	2	142	5710	Full	10.27	10.79	6.21	Pass
HE80	MCS0	2	138	5690	Full	10.43	10.79	6.21	Pass





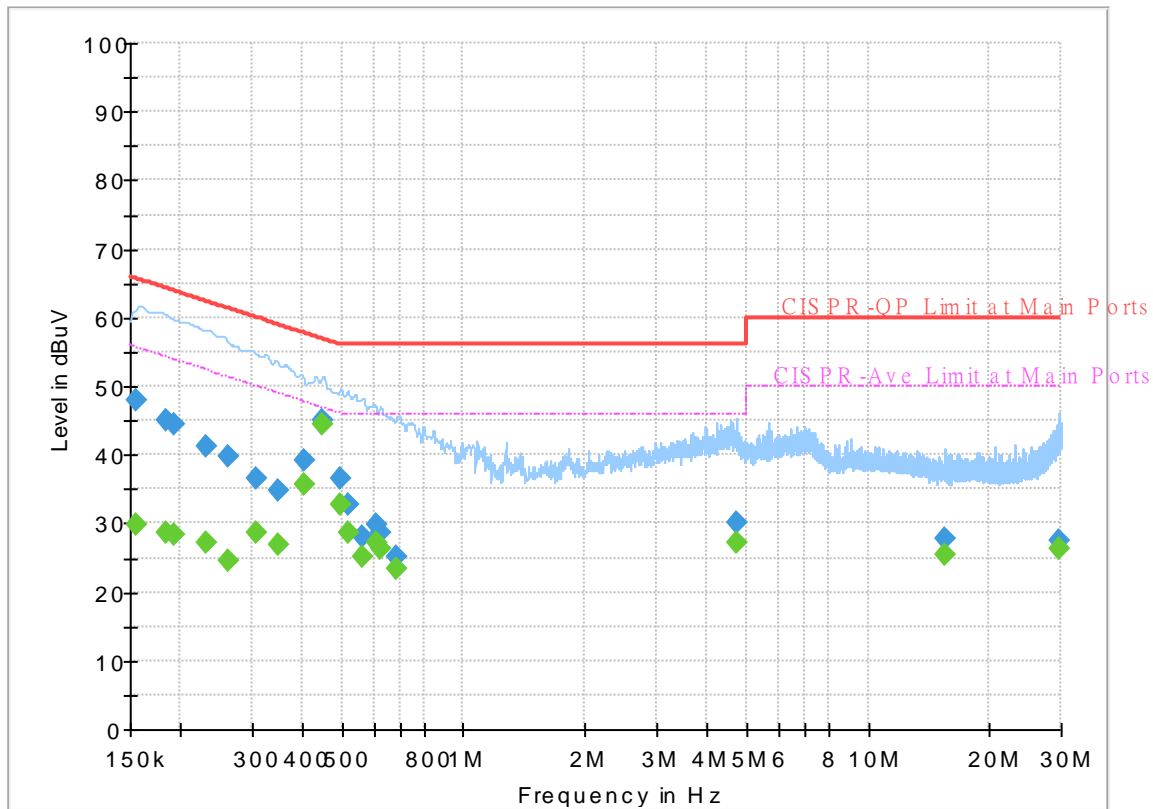
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	Temperature :	21~25°C
		Relative Humidity :	45~50%

# EUT Information

Report NO : 031701  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



## Final\_Result

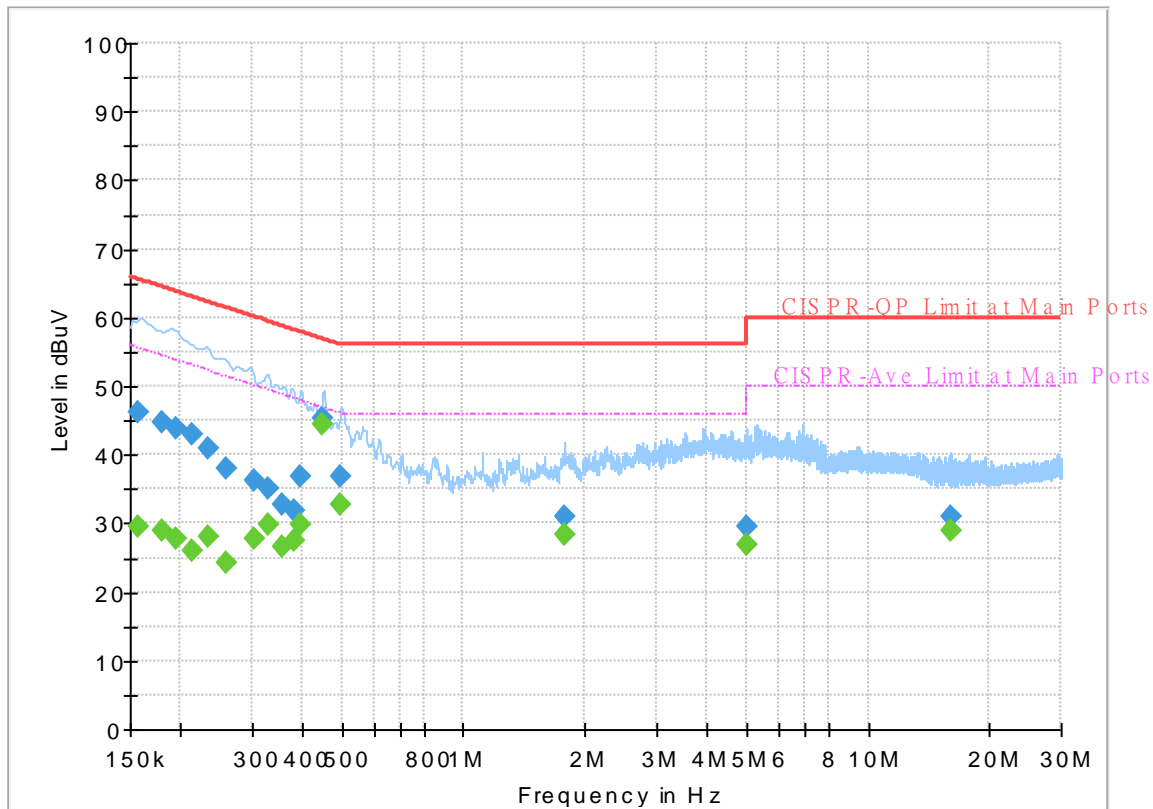
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	29.95	55.75	25.80	L1	OFF	19.6
0.154500	47.92	---	65.75	17.83	L1	OFF	19.6
0.183750	---	28.70	54.31	25.61	L1	OFF	19.6
0.183750	45.05	---	64.31	19.26	L1	OFF	19.6
0.193650	---	28.28	53.88	25.60	L1	OFF	19.6
0.193650	44.44	---	63.88	19.44	L1	OFF	19.6
0.230640	---	27.33	52.43	25.10	L1	OFF	19.6
0.230640	41.34	---	62.43	21.09	L1	OFF	19.6
0.262500	---	24.43	51.35	26.92	L1	OFF	19.6
0.262500	39.85	---	61.35	21.50	L1	OFF	19.6
0.307500	---	28.52	50.04	21.52	L1	OFF	19.6
0.307500	36.62	---	60.04	23.42	L1	OFF	19.6
0.347010	---	26.78	49.03	22.25	L1	OFF	19.6
0.347010	34.91	---	59.03	24.12	L1	OFF	19.6
0.404250	---	35.53	47.77	12.24	L1	OFF	19.6
0.404250	39.11	---	57.77	18.66	L1	OFF	19.6
0.448710	---	44.33	46.90	2.57	L1	OFF	19.6
0.448710	45.13	---	56.90	11.77	L1	OFF	19.6
0.497850	---	32.66	46.04	13.38	L1	OFF	19.6
0.497850	36.41	---	56.04	19.63	L1	OFF	19.6
0.519540	---	28.68	46.00	17.32	L1	OFF	19.6

0.519540	32.76	---	56.00	23.24	L1	OFF	19.6
0.564000	---	25.23	46.00	20.77	L1	OFF	19.6
0.564000	28.20	---	56.00	27.80	L1	OFF	19.6
0.608640	---	27.06	46.00	18.94	L1	OFF	19.6
0.608640	29.91	---	56.00	26.09	L1	OFF	19.6
0.622500	---	26.29	46.00	19.71	L1	OFF	19.6
0.622500	28.76	---	56.00	27.24	L1	OFF	19.6
0.684060	---	23.37	46.00	22.63	L1	OFF	19.6
0.684060	25.16	---	56.00	30.84	L1	OFF	19.6
4.722000	---	27.15	46.00	18.85	L1	OFF	19.8
4.722000	30.24	---	56.00	25.76	L1	OFF	19.8
15.439650	---	25.46	50.00	24.54	L1	OFF	20.2
15.439650	27.70	---	60.00	32.30	L1	OFF	20.2
29.510250	---	26.26	50.00	23.74	L1	OFF	20.7
29.510250	27.61	---	60.00	32.39	L1	OFF	20.7

# EUT Information

Report NO : 031701  
 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)
0.156750	---	29.57	55.63	26.06	N	OFF	19.6
0.156750	46.32	---	65.63	19.31	N	OFF	19.6
0.179610	---	28.89	54.50	25.61	N	OFF	19.6
0.179610	44.81	---	64.50	19.69	N	OFF	19.6
0.194370	---	27.85	53.85	26.00	N	OFF	19.6
0.194370	43.83	---	63.85	20.02	N	OFF	19.6
0.213360	---	26.12	53.07	26.95	N	OFF	19.6
0.213360	43.05	---	63.07	20.02	N	OFF	19.6
0.233700	---	28.20	52.32	24.12	N	OFF	19.6
0.233700	40.81	---	62.32	21.51	N	OFF	19.6
0.260250	---	24.41	51.42	27.01	N	OFF	19.6
0.260250	38.14	---	61.42	23.28	N	OFF	19.6
0.303000	---	27.89	50.16	22.27	N	OFF	19.6
0.303000	36.19	---	60.16	23.97	N	OFF	19.6
0.330180	---	29.76	49.45	19.69	N	OFF	19.6
0.330180	35.02	---	59.45	24.43	N	OFF	19.6
0.357000	---	26.54	48.80	22.26	N	OFF	19.6
0.357000	32.71	---	58.80	26.09	N	OFF	19.6
0.381750	---	27.50	48.24	20.74	N	OFF	19.6
0.381750	32.00	---	58.24	26.24	N	OFF	19.6
0.396060	---	29.79	47.94	18.15	N	OFF	19.6

0.396060	36.88	---	57.94	21.06	N	OFF	19.6
0.448530	---	44.38	46.90	2.52	N	OFF	19.6
0.448530	45.19	---	56.90	11.71	N	OFF	19.6
0.498030	---	32.73	46.03	13.30	N	OFF	19.6
0.498030	36.90	---	56.03	19.13	N	OFF	19.6
1.774500	---	28.30	46.00	17.70	N	OFF	19.6
1.774500	30.90	---	56.00	25.10	N	OFF	19.6
4.994250	---	26.76	46.00	19.24	N	OFF	19.8
4.994250	29.64	---	56.00	26.36	N	OFF	19.8
15.941220	---	28.89	50.00	21.11	N	OFF	20.3
15.941220	31.08	---	60.00	28.92	N	OFF	20.3



### Appendix C. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou, CR Laio	Temperature :	20~25°C
		Relative Humidity :	50~65%

<CDD Mode>

**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11a CH 36 5180MHz		5147.68	60.35	-13.65	74	45.18	31.7	12.32	28.85	396	249	P	H	
		5150	49.77	-4.23	54	34.6	31.7	12.32	28.85	396	249	A	H	
	*	5180	111.51	-	-	96.44	31.58	12.36	28.87	396	249	P	H	
	*	5180	104.21	-	-	89.14	31.58	12.36	28.87	396	249	A	H	
													H	
			5150	61.72	-12.28	74	46.55	31.7	12.32	28.85	103	301	P	V
			5149.76	52.52	-1.48	54	37.35	31.7	12.32	28.85	103	301	A	V
	*		5180	112.9	-	-	97.83	31.58	12.36	28.87	103	301	P	V
	*		5180	105.28	-	-	90.21	31.58	12.36	28.87	103	301	A	V
														V
802.11a CH 44 5220MHz		5150	58.25	-15.75	74	43.08	31.7	12.32	28.85	386	248	P	H	
		5150	48.51	-5.49	54	33.34	31.7	12.32	28.85	386	248	A	H	
	*	5220	119.18	-	-	104.25	31.42	12.41	28.9	386	248	P	H	
	*	5220	110.98	-	-	96.05	31.42	12.41	28.9	386	248	A	H	
			5365.64	56.86	-17.14	74	42.04	31.26	12.55	28.99	386	248	P	H
			5376.84	46.57	-7.43	54	31.7	31.31	12.56	29	386	248	A	H
			5149.24	61.23	-12.77	74	46.06	31.7	12.32	28.85	106	303	P	V
			5150	51.14	-2.86	54	35.97	31.7	12.32	28.85	106	303	A	V
	*		5220	119.7	-	-	104.77	31.42	12.41	28.9	106	303	P	V
	*		5220	111.65	-	-	96.72	31.42	12.41	28.9	106	303	A	V
			5364.52	55.49	-18.51	74	40.67	31.26	12.55	28.99	106	303	P	V
			5378.24	46.53	-7.47	54	31.66	31.31	12.56	29	106	303	A	V



<b>802.11a CH 48 5240MHz</b>		5148.72	57.74	-16.26	74	42.57	31.7	12.32	28.85	383	252	P	H
		5150	47.81	-6.19	54	32.64	31.7	12.32	28.85	383	252	A	H
	*	5240	119.67	-	-	104.81	31.34	12.43	28.91	383	252	P	H
	*	5240	111.69	-	-	96.83	31.34	12.43	28.91	383	252	A	H
		5360.04	56.22	-17.78	74	41.43	31.24	12.54	28.99	383	252	P	H
		5351.08	47.39	-6.61	54	32.64	31.2	12.53	28.98	383	252	A	H
		5145.6	60.67	-13.33	74	45.49	31.71	12.32	28.85	100	303	P	V
		5149.76	49.31	-4.69	54	34.14	31.7	12.32	28.85	100	303	A	V
	*	5240	120.21	-	-	105.35	31.34	12.43	28.91	100	303	P	V
	*	5240	112.59	-	-	97.73	31.34	12.43	28.91	100	303	A	V
		5369.84	56.13	-17.87	74	41.29	31.28	12.55	28.99	100	303	P	V
		5350	47.92	-6.08	54	33.17	31.2	12.53	28.98	100	303	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	50.9	-17.3	68.2	52.99	39.64	19.17	60.9	100	0	P	H
		15540	49.82	-24.18	74	50.21	37.94	24.38	62.71	100	0	P	H
													H
													H
		10360	52.43	-15.77	68.2	54.52	39.64	19.17	60.9	100	0	P	V
		15540	49.83	-24.17	74	50.22	37.94	24.38	62.71	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	55.13	-13.07	68.2	56.98	39.88	19.29	61.02	100	0	P	H
		15660	57.52	-16.48	74	57.81	37.46	24.38	62.13	172	111	P	H
		15660	48.17	-5.83	54	48.46	37.46	24.38	62.13	172	111	A	H
													H
		10440	55.88	-12.32	68.2	57.73	39.88	19.29	61.02	100	0	P	V
		15660	58.23	-15.77	74	58.52	37.46	24.38	62.13	208	360	P	V
		15660	49.21	-4.79	54	49.5	37.46	24.38	62.13	208	360	A	V
													V
802.11a CH 48 5240MHz		10480	57.62	-10.58	68.2	59.38	39.96	19.35	61.07	100	0	P	H
		15720	59.3	-14.7	74	59.47	37.3	24.37	61.84	174	114	P	H
		15720	51.08	-2.92	54	51.25	37.3	24.37	61.84	174	114	A	H
													H
		10480	58.43	-9.77	68.2	60.19	39.96	19.35	61.07	100	0	P	V
		15720	60.44	-13.56	74	60.61	37.3	24.37	61.84	200	360	P	V
		15720	51.37	-2.63	54	51.54	37.3	24.37	61.84	200	360	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1	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 36 5180MHz		5149.76	61.71	-12.29	74	46.54	31.7	12.32	28.85	396	252	P	H	
		5150	49.26	-4.74	54	34.09	31.7	12.32	28.85	396	252	A	H	
	*	5180	112.7	-	-	97.63	31.58	12.36	28.87	396	252	P	H	
	*	5180	102.49	-	-	87.42	31.58	12.36	28.87	396	252	A	H	
													H	
														H
			5149.76	64.78	-9.22	74	49.61	31.7	12.32	28.85	102	302	P	V
			5149.76	51.19	-2.81	54	36.02	31.7	12.32	28.85	102	302	A	V
		*	5180	113.54	-	-	98.47	31.58	12.36	28.87	102	302	P	V
		*	5180	103.44	-	-	88.37	31.58	12.36	28.87	102	302	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5148.72	59.13	-14.87	74	43.96	31.7	12.32	28.85	386	251	P	H	
		5146.38	48.54	-5.46	54	33.36	31.71	12.32	28.85	386	251	A	H	
		*	5220	118.66	-	-	103.73	31.42	12.41	28.9	386	251	P	H
		*	5220	110.3	-	-	95.37	31.42	12.41	28.9	386	251	A	H
			5375.16	55.8	-18.2	74	40.94	31.3	12.56	29	386	251	P	H
			5372.36	46.22	-7.78	54	31.38	31.29	12.55	29	386	251	A	H
			5149.24	62.2	-11.8	74	47.03	31.7	12.32	28.85	107	303	P	V
			5146.12	50.43	-3.57	54	35.25	31.71	12.32	28.85	107	303	A	V
		*	5220	119.28	-	-	104.35	31.42	12.41	28.9	107	303	P	V
		*	5220	110.42	-	-	95.49	31.42	12.41	28.9	107	303	A	V
		5360.6	54.83	-19.17	74	40.04	31.24	12.54	28.99	107	303	P	V	
		5350.52	45.92	-8.08	54	31.17	31.2	12.53	28.98	107	303	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5144.56	59	-15	74	43.82	31.71	12.32	28.85	388	247	P	H
		5150	48.86	-5.14	54	33.69	31.7	12.32	28.85	388	247	A	H
	*	5240	118.88	-	-	104.02	31.34	12.43	28.91	388	247	P	H
	*	5240	110.57	-	-	95.71	31.34	12.43	28.91	388	247	A	H
		5357.52	58.41	-15.59	74	43.63	31.23	12.54	28.99	388	247	P	H
		5351.08	48.5	-5.5	54	33.75	31.2	12.53	28.98	388	247	A	H
		5139.36	61.32	-12.68	74	46.13	31.72	12.31	28.84	102	303	P	V
		5150	51.33	-2.67	54	36.16	31.7	12.32	28.85	102	303	A	V
	*	5240	120.56	-	-	105.7	31.34	12.43	28.91	102	303	P	V
	*	5240	112.03	-	-	97.17	31.34	12.43	28.91	102	303	A	V
		5355	57.97	-16.03	74	43.19	31.22	12.54	28.98	102	303	P	V
		5351.64	48.24	-5.76	54	33.48	31.21	12.53	28.98	102	303	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1	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 36 5180MHz		10360	50.8	-17.4	68.2	52.89	39.64	19.17	60.9	100	0	P	H	
		15540	49.54	-24.46	74	49.93	37.94	24.38	62.71	100	0	P	H	
													H	
													H	
			10360	51.84	-16.36	68.2	53.93	39.64	19.17	60.9	100	0	P	V
			15540	49.26	-24.74	74	49.65	37.94	24.38	62.71	100	0	P	V
														V
802.11ax HE20 Full CH 44 5220MHz		10440	53	-15.2	68.2	54.85	39.88	19.29	61.02	100	0	P	H	
		15660	56.78	-17.22	74	57.07	37.46	24.38	62.13	175	114	P	H	
		15660	47.75	-6.25	54	48.04	37.46	24.38	62.13	175	114	A	H	
													H	
			10440	55.32	-12.88	68.2	57.17	39.88	19.29	61.02	100	0	P	V
			15660	56.09	-17.91	74	56.38	37.46	24.38	62.13	203	360	P	V
			15660	46.7	-7.3	54	46.99	37.46	24.38	62.13	203	360	A	V
802.11ax HE20 Full CH 48 5240MHz		10480	58.13	-10.07	68.2	59.89	39.96	19.35	61.07	100	0	P	H	
		15720	60.13	-13.87	74	60.3	37.3	24.37	61.84	175	114	P	H	
		15720	50.21	-3.79	54	50.38	37.3	24.37	61.84	175	114	A	H	
													H	
			10480	58.17	-10.03	68.2	59.93	39.96	19.35	61.07	100	0	P	V
			15720	60.57	-13.43	74	60.74	37.3	24.37	61.84	202	360	P	V
			15720	50.52	-3.48	54	50.69	37.3	24.37	61.84	202	360	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 1	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 38 5190MHz		5150	60.42	-13.58	74	45.25	31.7	12.32	28.85	350	255	P	H	
		5149.76	49.55	-4.45	54	34.38	31.7	12.32	28.85	350	255	A	H	
	*	5190	108.31	-	-	93.27	31.54	12.38	28.88	350	255	P	H	
	*	5190	98.88	-	-	83.84	31.54	12.38	28.88	350	255	A	H	
		5354.16	53.99	-20.01	74	39.21	31.22	12.54	28.98	350	255	P	H	
		5353.04	44.43	-9.57	54	29.66	31.21	12.54	28.98	350	255	A	H	
		5150	62.2	-11.8	74	47.03	31.7	12.32	28.85	101	303	P	V	
		5150	52.22	-1.78	54	37.05	31.7	12.32	28.85	101	303	A	V	
	*	5190	108.96	-	-	93.92	31.54	12.38	28.88	101	303	P	V	
	*	5190	99.83	-	-	84.79	31.54	12.38	28.88	101	303	A	V	
		5367.88	53.73	-20.27	74	38.9	31.27	12.55	28.99	101	303	P	V	
		5352.76	44.94	-9.06	54	30.17	31.21	12.54	28.98	101	303	A	V	
	802.11ax HE40 Full CH 46 5230MHz		5134.16	60.75	-13.25	74	45.56	31.73	12.3	28.84	385	253	P	H
			5149.76	50.74	-3.26	54	35.57	31.7	12.32	28.85	385	253	A	H
*		5230	114.94	-	-	100.04	31.38	12.42	28.9	385	253	P	H	
*		5230	105.16	-	-	90.26	31.38	12.42	28.9	385	253	A	H	
		5359.2	56.36	-17.64	74	41.57	31.24	12.54	28.99	385	253	P	H	
		5352.48	47.31	-6.69	54	32.55	31.21	12.53	28.98	385	253	A	H	
		5149.24	60.98	-13.02	74	45.81	31.7	12.32	28.85	102	302	P	V	
		5149.76	52.44	-1.56	54	37.27	31.7	12.32	28.85	102	302	A	V	
*		5230	115.62	-	-	100.72	31.38	12.42	28.9	102	302	P	V	
*		5230	105.8	-	-	90.9	31.38	12.42	28.9	102	302	A	V	
	5350	55.65	-18.35	74	40.9	31.2	12.53	28.98	102	302	P	V		
	5350.8	47.49	-6.51	54	32.74	31.2	12.53	28.98	102	302	A	V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	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 38 5190MHz		10380	50.09	-18.11	68.2	52.1	39.72	19.2	60.93	100	0	P	H	
		15570	48.92	-25.08	74	49.28	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	49.91	-18.29	68.2	51.92	39.72	19.2	60.93	100	0	P	V
			15570	49.01	-24.99	74	49.37	37.82	24.38	62.56	100	0	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	50.81	-17.39	68.2	52.61	39.92	19.32	61.04	100	0	P	H	
		15690	47.9	-26.1	74	48.18	37.34	24.37	61.99	100	0	P	H	
													H	
													H	
			10460	53.24	-14.96	68.2	55.04	39.92	19.32	61.04	100	0	P	V
			15690	49.32	-24.68	74	49.6	37.34	24.37	61.99	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1	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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5140.66	60.89	-13.11	74	45.7	31.72	12.31	28.84	387	253	P	H
		5136.5	50.36	-3.64	54	35.17	31.73	12.3	28.84	387	253	A	H
	*	5210	106.5	-	-	91.53	31.46	12.4	28.89	387	253	P	H
	*	5210	96.93	-	-	81.96	31.46	12.4	28.89	387	253	A	H
		5369.28	53.93	-20.07	74	39.09	31.28	12.55	28.99	387	253	P	H
		5357.52	45.49	-8.51	54	30.71	31.23	12.54	28.99	387	253	A	H
		5147.94	62.6	-11.4	74	47.43	31.7	12.32	28.85	199	295	P	V
		5150	52.31	-1.69	54	37.14	31.7	12.32	28.85	199	295	A	V
	*	5210	106.7	-	-	91.73	31.46	12.4	28.89	199	295	P	V
	*	5210	97.78	-	-	82.81	31.46	12.4	28.89	199	295	A	V
	5362.56	54.38	-19.62	74	39.58	31.25	12.54	28.99	199	295	P	V	
	5353.32	45.66	-8.34	54	30.89	31.21	12.54	28.98	199	295	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1	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 42 5210MHz		10420	50.2	-18	68.2	52.09	39.84	19.26	60.99	100	0	P	H	
		15630	48.32	-25.68	74	48.65	37.58	24.37	62.28	100	0	P	H	
													H	
													H	
			10420	49.57	-18.63	68.2	51.46	39.84	19.26	60.99	100	0	P	V
			15630	49.27	-24.73	74	49.6	37.58	24.37	62.28	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1	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 HE160 Full CH 50 5250MHz		5103.22	56.98	-17.02	74	41.75	31.79	12.26	28.82	368	251	P	H
		5096.2	48.48	-5.52	54	33.25	31.79	12.25	28.81	368	251	A	H
	*	5250	101.23	-	-	86.41	31.3	12.44	28.92	368	251	P	H
	*	5250	93.54	-	-	78.72	31.3	12.44	28.92	368	251	A	H
		5354.16	56.78	-17.22	74	42	31.22	12.54	28.98	368	251	P	H
		5356.96	51.02	-2.98	54	36.24	31.23	12.54	28.99	368	251	A	H
		5104.78	57.94	-16.06	74	42.71	31.79	12.26	28.82	223	295	P	V
		5105.56	50.21	-3.79	54	34.98	31.79	12.26	28.82	223	295	A	V
	*	5250	104.03	-	-	89.21	31.3	12.44	28.92	223	295	P	V
	*	5250	95.97	-	-	81.15	31.3	12.44	28.92	223	295	A	V
		5381.04	58.03	-15.97	74	43.15	31.32	12.56	29	223	295	P	V
		5357.8	52.18	-1.82	54	37.4	31.23	12.54	28.99	223	295	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 1 5150~5250MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1	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 50 5250MHz		10500	50.23	-17.97	68.2	51.94	40	19.39	61.1	100	0	P	H	
		15750	48.19	-25.81	74	48.22	37.3	24.37	61.7	100	0	P	H	
													H	
													H	
			10500	50.09	-18.11	68.2	51.8	40	19.39	61.1	100	0	P	V
			15750	48.41	-25.59	74	48.44	37.3	24.37	61.7	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE40 Full SHF		21696	39.45	-28.75	68.2	42.48	37.96	12.47	53.46	150	0	P	H
		32300	41.64	-26.56	68.2	38.86	40.52	16.76	54.5	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			20376	38.2	-35.8	74	42.17	37.95	11.65	53.57	150	0	P
		30606	43.46	-24.74	68.2	41.4	40.46	16.84	55.24	150	0	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE40 Full LF		99.84	19.18	-24.32	43.5	34.16	15.76	1.51	32.25	-	-	P	H	
		128.94	23.87	-19.63	43.5	36.81	17.56	1.77	32.27	-	-	P	H	
		173.56	24.47	-19.03	43.5	39.41	15.27	2.09	32.3	-	-	P	H	
		251.16	22.55	-23.45	46	33.56	18.71	2.62	32.34	-	-	P	H	
		305.48	22.23	-23.77	46	32.36	19.3	2.92	32.35	-	-	P	H	
		885.54	35.05	-10.95	46	32.8	29.04	5.2	31.99	100	0	P	H	
														H
														H
														H
														H
														H
														H
			39.7	27.67	-12.33	40	39.71	19.47	0.8	32.31	-	-	P	V
			66.86	22.49	-17.51	40	41.88	11.83	1.15	32.37	-	-	P	V
			128.94	22.01	-21.49	43.5	34.95	17.56	1.77	32.27	-	-	P	V
			174.53	23.68	-19.82	43.5	38.67	15.21	2.1	32.3	-	-	P	V
			538.28	28.4	-17.6	46	32.29	24.22	3.91	32.02	-	-	P	V
			722.58	32.47	-13.53	46	32.94	27.1	4.63	32.2	100	0	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Band 2 - 5250~5350MHz**  
**WiFi 802.11a (Band Edge @ 3m)**

WiFi Ant. 1	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		5148.58	56.04	-17.96	74	40.87	31.7	12.32	28.85	376	257	P	H
		5149.94	45.73	-8.27	54	30.56	31.7	12.32	28.85	376	257	A	H
	*	5260	119.72	-	-	104.89	31.3	12.45	28.92	376	257	P	H
	*	5260	111.17	-	-	96.34	31.3	12.45	28.92	376	257	A	H
		5357.04	59.73	-14.27	74	44.95	31.23	12.54	28.99	376	257	P	H
		5350.8	48.27	-5.73	54	33.52	31.2	12.53	28.98	376	257	A	H
		5144.84	55.38	-18.62	74	40.2	31.71	12.32	28.85	100	301	P	V
		5149.94	46.24	-7.76	54	31.07	31.7	12.32	28.85	100	301	A	V
	*	5260	120.41	-	-	105.58	31.3	12.45	28.92	100	301	P	V
	*	5260	112.35	-	-	97.52	31.3	12.45	28.92	100	301	A	V
		5350.08	59.46	-14.54	74	44.71	31.2	12.53	28.98	100	301	P	V
		5350.32	49.3	-4.7	54	34.55	31.2	12.53	28.98	100	301	A	V
802.11a CH 60 5300MHz		5078.2	54.68	-19.32	74	39.49	31.76	12.23	28.8	393	253	P	H
		5145.86	44.24	-9.76	54	29.06	31.71	12.32	28.85	393	253	A	H
	*	5300	116.67	-	-	101.83	31.3	12.49	28.95	393	253	P	H
	*	5300	108.66	-	-	93.82	31.3	12.49	28.95	393	253	A	H
		5350.08	59.9	-14.1	74	45.15	31.2	12.53	28.98	393	253	P	H
		5350.56	49.42	-4.58	54	34.67	31.2	12.53	28.98	393	253	A	H
		5136.68	54.75	-19.25	74	39.56	31.73	12.3	28.84	104	300	P	V
		5143.82	44.82	-9.18	54	29.64	31.71	12.31	28.84	104	300	A	V
	*	5300	117.35	-	-	102.51	31.3	12.49	28.95	104	300	P	V
	*	5300	109.39	-	-	94.55	31.3	12.49	28.95	104	300	A	V
		5351.28	62.28	-11.72	74	47.52	31.21	12.53	28.98	104	300	P	V
		5350.08	50.51	-3.49	54	35.76	31.2	12.53	28.98	104	300	A	V



<b>802.11a CH 64 5320MHz</b>	*	5320	113.05	-	-	98.25	31.26	12.5	28.96	370	252	P	H
	*	5320	105	-	-	90.2	31.26	12.5	28.96	370	252	A	H
		5351.68	62.81	-11.19	74	48.05	31.21	12.53	28.98	370	252	P	H
		5350.24	51.38	-2.62	54	36.63	31.2	12.53	28.98	370	252	A	H
													H
													H
	*	5320	113.02	-	-	98.22	31.26	12.5	28.96	100	302	P	V
	*	5320	104.97	-	-	90.17	31.26	12.5	28.96	100	302	A	V
		5350.88	64.28	-9.72	74	49.53	31.2	12.53	28.98	100	302	P	V
		5350.08	52.07	-1.93	54	37.32	31.2	12.53	28.98	100	302	A	V
													V
													V
<b>Remark</b>	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	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	56.63	-11.57	68.2	58.31	40	19.42	61.1	100	0	P	H	
		15780	58.79	-15.21	74	58.68	37.3	24.37	61.56	175	115	P	H	
		15780	49.9	-4.1	54	49.79	37.3	24.37	61.56	175	115	A	H	
													H	
		10520	57.73	-10.47	68.2	59.41	40	19.42	61.1	100	0	P	V	
		15780	59.88	-14.12	74	59.77	37.3	24.37	61.56	218	17	P	V	
		15780	51.28	-2.72	54	51.17	37.3	24.37	61.56	218	17	A	V	
														V
802.11a CH 60 5300MHz		10600	51.32	-22.68	74	52.88	40	19.54	61.1	100	0	P	H	
		15900	48.91	-25.09	74	48.43	37.1	24.36	60.98	100	0	P	H	
													H	
													H	
		10600	51.95	-22.05	74	53.51	40	19.54	61.1	100	0	P	V	
		15900	54.52	-19.48	74	54.04	37.1	24.36	60.98	210	17	P	V	
														V
														V
802.11a CH 64 5320MHz		10640	49.9	-24.1	74	51.4	40	19.6	61.1	100	0	P	H	
		15960	47.89	-26.11	74	47.18	37.04	24.36	60.69	100	0	P	H	
													H	
													H	
		10640	50.51	-23.49	74	52.01	40	19.6	61.1	100	0	P	V	
		15960	47.17	-26.83	74	46.46	37.04	24.36	60.69	100	0	P	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 (Band Edge @ 3m)**

WIFI Ant. 1	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 52 5260MHz		5141.78	55.31	-18.69	74	40.12	31.72	12.31	28.84	400	238	P	H
		5149.94	45.75	-8.25	54	30.58	31.7	12.32	28.85	400	238	A	H
	*	5260	121.01	-	-	106.18	31.3	12.45	28.92	400	238	P	H
	*	5260	110.54	-	-	95.71	31.3	12.45	28.92	400	238	A	H
		5353.92	61.9	-12.1	74	47.12	31.22	12.54	28.98	400	238	P	H
		5350.08	49.78	-4.22	54	35.03	31.2	12.53	28.98	400	238	A	H
		5149.94	57.28	-16.72	74	42.11	31.7	12.32	28.85	100	302	P	V
		5149.94	47.43	-6.57	54	32.26	31.7	12.32	28.85	100	302	A	V
	*	5260	120.61	-	-	105.78	31.3	12.45	28.92	100	302	P	V
	*	5260	112.74	-	-	97.91	31.3	12.45	28.92	100	302	A	V
		5350.56	62.27	-11.73	74	47.52	31.2	12.53	28.98	100	302	P	V
		5350.08	51.56	-2.44	54	36.81	31.2	12.53	28.98	100	302	A	V
802.11ax HE20 Full CH 60 5300MHz		5123.08	53.76	-20.24	74	38.55	31.75	12.29	28.83	394	254	P	H
		5147.56	44.42	-9.58	54	29.25	31.7	12.32	28.85	394	254	A	H
	*	5300	118.43	-	-	103.59	31.3	12.49	28.95	394	254	P	H
	*	5300	107.88	-	-	93.04	31.3	12.49	28.95	394	254	A	H
		5351.04	61.98	-12.02	74	47.23	31.2	12.53	28.98	394	254	P	H
		5350.08	50.8	-3.2	54	36.05	31.2	12.53	28.98	394	254	A	H
		5077.52	54.58	-19.42	74	39.4	31.76	12.22	28.8	102	301	P	V
		5147.9	44.91	-9.09	54	29.74	31.7	12.32	28.85	102	301	A	V
	*	5300	119.22	-	-	104.38	31.3	12.49	28.95	102	301	P	V
	*	5300	108.65	-	-	93.81	31.3	12.49	28.95	102	301	A	V
		5350.32	65.43	-8.57	74	50.68	31.2	12.53	28.98	102	301	P	V
		5350.08	51.73	-2.27	54	36.98	31.2	12.53	28.98	102	301	A	V



<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	113.79	-	-	98.99	31.26	12.5	28.96	369	251	P	H
	*	5320	103.53	-	-	88.73	31.26	12.5	28.96	369	251	A	H
		5350.56	63.74	-10.26	74	48.99	31.2	12.53	28.98	369	251	P	H
		5350.08	51.89	-2.11	54	37.14	31.2	12.53	28.98	369	251	A	H
													H
													H
	*	5320	113.83	-	-	99.03	31.26	12.5	28.96	100	301	P	V
	*	5320	103.51	-	-	88.71	31.26	12.5	28.96	100	301	A	V
		5353.28	63.05	-10.95	74	48.28	31.21	12.54	28.98	100	301	P	V
		5350.08	51.96	-2.04	54	37.21	31.2	12.53	28.98	100	301	A	V
												V	
												V	
<b>Remark</b>	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	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 52 5260MHz		10520	55.39	-12.81	68.2	57.07	40	19.42	61.1	100	0	P	H	
		15780	58.37	-15.63	74	58.26	37.3	24.37	61.56	174	116	P	H	
		15780	49.88	-4.12	54	49.77	37.3	24.37	61.56	174	116	A	H	
													H	
			10520	55.38	-12.82	68.2	57.06	40	19.42	61.1	100	0	P	V
			15780	60.67	-13.33	74	60.56	37.3	24.37	61.56	220	18	P	V
			15780	51.11	-2.89	54	51	37.3	24.37	61.56	220	18	A	V
													V	
802.11ax HE20 Full CH 60 5300MHz		10600	51.81	-22.19	74	53.37	40	19.54	61.1	100	0	P	H	
		15900	47.7	-26.3	74	47.22	37.1	24.36	60.98	100	0	P	H	
													H	
													H	
			10600	51.55	-22.45	74	53.11	40	19.54	61.1	100	0	P	V
			15900	55.75	-18.25	74	55.27	37.1	24.36	60.98	208	18	P	V
														V
													V	
802.11ax HE20 Full CH 64 5320MHz		10640	49.95	-24.05	74	51.45	40	19.6	61.1	100	0	P	H	
		15960	48.7	-25.3	74	47.99	37.04	24.36	60.69	100	0	P	H	
													H	
													H	
			10640	49.93	-24.07	74	51.43	40	19.6	61.1	100	0	P	V
			15960	48.33	-25.67	74	47.62	37.04	24.36	60.69	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 2 5250~5350MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1	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 54 5270MHz		5015.98	54.03	-19.97	74	39.09	31.56	12.14	28.76	400	246	P	H	
		5148.92	45.63	-8.37	54	30.46	31.7	12.32	28.85	400	246	A	H	
	*	5270	114.54	-	-	99.71	31.3	12.46	28.93	400	246	P	H	
	*	5270	103.95	-	-	89.12	31.3	12.46	28.93	400	246	A	H	
		5359.44	60.18	-13.82	74	45.39	31.24	12.54	28.99	400	246	P	H	
		5350.56	51.26	-2.74	54	36.51	31.2	12.53	28.98	400	246	A	H	
		5147.9	54.88	-19.12	74	39.71	31.7	12.32	28.85	100	301	P	V	
		5149.6	46.44	-7.56	54	31.27	31.7	12.32	28.85	100	301	A	V	
	*	5270	115.76	-	-	100.93	31.3	12.46	28.93	100	301	P	V	
	*	5270	105.14	-	-	90.31	31.3	12.46	28.93	100	301	A	V	
		5350.56	61.39	-12.61	74	46.64	31.2	12.53	28.98	100	301	P	V	
		5350.8	52.02	-1.98	54	37.27	31.2	12.53	28.98	100	301	A	V	
	802.11ax HE40 Full CH 62 5310MHz		5073.44	53.33	-20.67	74	38.16	31.75	12.22	28.8	231	249	P	H
			5118.66	43.7	-10.3	54	28.49	31.76	12.28	28.83	231	249	A	H
*		5310	109.65	-	-	94.83	31.28	12.49	28.95	231	249	P	H	
*		5310	99.98	-	-	85.16	31.28	12.49	28.95	231	249	A	H	
		5351.52	68.48	-5.52	74	53.72	31.21	12.53	28.98	231	249	P	H	
		5351.52	52	-2	54	37.24	31.21	12.53	28.98	231	249	A	H	
		5146.54	54.68	-19.32	74	39.5	31.71	12.32	28.85	221	296	P	V	
		5112.2	43.83	-10.17	54	28.6	31.78	12.27	28.82	221	296	A	V	
*		5310	110.09	-	-	95.27	31.28	12.49	28.95	221	296	P	V	
*		5310	99.87	-	-	85.05	31.28	12.49	28.95	221	296	A	V	
		5351.76	67.41	-6.59	74	52.65	31.21	12.53	28.98	221	296	P	V	
	5351.28	50.93	-3.07	54	36.17	31.21	12.53	28.98	221	296	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	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 54 5270MHz		10540	50.78	-17.42	68.2	52.43	40	19.45	61.1	100	0	P	H
		15810	48.69	-25.31	74	48.45	37.28	24.37	61.41	100	0	P	H
													H
													H
		10540	51.54	-16.66	68.2	53.19	40	19.45	61.1	100	0	P	V
		15810	47.97	-26.03	74	47.73	37.28	24.37	61.41	100	0	P	V
													V
802.11ax HE40 Full CH 62 5310MHz		10620	50.58	-23.42	74	52.11	40	19.57	61.1	100	0	P	H
		15930	48	-26	74	47.4	37.07	24.37	60.84	100	0	P	H
													H
													H
		10620	51.14	-22.86	74	52.67	40	19.57	61.1	100	0	P	V
		15930	47.81	-26.19	74	47.21	37.07	24.37	60.84	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1	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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5054.4	54.75	-19.25	74	39.64	31.71	12.19	28.79	233	252	P	H
		5128.86	44.41	-9.59	54	29.22	31.74	12.29	28.84	233	252	A	H
	*	5290	106.27	38.07	68.2	91.43	31.3	12.48	28.94	233	252	P	H
	*	5290	97.29	43.29	54	82.45	31.3	12.48	28.94	233	252	A	H
		5352.72	65.6	-8.4	74	50.83	31.21	12.54	28.98	233	252	P	H
		5352.96	51.04	-2.96	54	36.27	31.21	12.54	28.98	233	252	A	H
		5125.8	54.49	-19.51	74	39.28	31.75	12.29	28.83	228	293	P	V
		5146.2	44.55	-9.45	54	29.37	31.71	12.32	28.85	228	293	A	V
	*	5290	106.15	37.95	68.2	91.31	31.3	12.48	28.94	228	293	P	V
	*	5290	97.01	43.01	54	82.17	31.3	12.48	28.94	228	293	A	V
	5352.96	64.74	-9.26	74	49.97	31.21	12.54	28.98	228	293	P	V	
	5352.96	50.15	-3.85	54	35.38	31.21	12.54	28.98	228	293	A	V	
<b>Remark</b>	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	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		10580	50.71	-17.49	68.2	52.3	40	19.51	61.1	100	0	P	H	
		15870	48.09	-25.91	74	47.68	37.16	24.37	61.12	100	0	P	H	
													H	
													H	
			10580	51.04	-17.16	68.2	52.63	40	19.51	61.1	100	0	P	V
			15870	47.63	-26.37	74	47.22	37.16	24.37	61.12	100	0	P	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 (Band Edge @ 3m)**

WIFI Ant. 1	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		5455.12	56.51	-17.49	74	40.43	31.61	13.52	29.05	305	51	P	H	
		5469.68	66.24	-1.96	68.2	50.13	31.64	13.53	29.06	305	51	P	H	
		5459.28	47.19	-6.81	54	31.1	31.62	13.52	29.05	305	51	A	H	
	*	5500	114.52	-	-	98.34	31.7	13.56	29.08	305	51	P	H	
	*	5500	106.56	-	-	90.38	31.7	13.56	29.08	305	51	A	H	
														H
			5442.16	55.73	-18.27	74	39.69	31.57	13.51	29.04	225	195	P	V
			5468.24	57.98	-10.22	68.2	41.87	31.64	13.53	29.06	225	195	P	V
			5459.28	45.29	-8.71	54	29.2	31.62	13.52	29.05	225	195	A	V
	*		5500	110.3	-	-	94.12	31.7	13.56	29.08	225	195	P	V
	*		5500	102.39	-	-	86.21	31.7	13.56	29.08	225	195	A	V
														V
802.11a CH 116 5580MHz		5436.64	56.21	-17.79	74	41.05	31.55	12.65	29.04	226	47	P	H	
		5469.52	56.47	-11.73	68.2	41.18	31.64	12.71	29.06	226	47	P	H	
		5434.96	46.03	-7.97	54	30.88	31.54	12.65	29.04	226	47	A	H	
	*	5580	120.59	-	-	104.99	31.74	12.92	29.06	226	47	P	H	
	*	5580	112.45	-	-	96.85	31.74	12.92	29.06	226	47	A	H	
			5748.935	57.45	-10.75	68.2	41.27	32	13.2	29.02	226	47	P	H
			5430.4	54.56	-19.44	74	39.43	31.52	12.64	29.03	229	94	P	V
			5465.92	54.4	-13.8	68.2	39.12	31.63	12.71	29.06	229	94	P	V
			5431.84	44.63	-9.37	54	29.5	31.53	12.64	29.04	229	94	A	V
	*		5580	118.82	-	-	103.22	31.74	12.92	29.06	229	94	P	V
	*		5580	110.67	-	-	95.07	31.74	12.92	29.06	229	94	A	V
			5747.99	56.5	-11.7	68.2	40.33	31.99	13.2	29.02	229	94	P	V



<b>802.11a</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	113.49	-	-	96.99	31.8	13.73	29.03	269	57	P	H
	*	5700	105.66	-	-	89.16	31.8	13.73	29.03	269	57	A	H
		5725	65.8	-2.4	68.2	49.18	31.9	13.75	29.03	269	57	P	H
													H
													H
													H
	*	5700	107.88	-	-	91.38	31.8	13.73	29.03	257	199	P	V
	*	5700	100.17	-	-	83.67	31.8	13.73	29.03	257	199	A	V
		5725.72	60.87	-7.33	68.2	44.25	31.9	13.75	29.03	257	199	P	V
													V
													V
													V
<b>Remark</b>	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	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		11000	49.63	-24.37	74	50.2	40.4	20.13	61.1	100	0	P	H
		16500	51	-17.2	68.2	46.38	38.8	25.22	59.4	100	0	P	H
													H
													H
		11000	49.85	-24.15	74	50.42	40.4	20.13	61.1	100	0	P	V
		16500	52.12	-16.08	68.2	47.5	38.8	25.22	59.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	49.79	-24.21	74	50.55	39.98	20.3	61.04	100	0	P	H
		16740	58.56	-9.64	68.2	52.39	39.8	25.63	59.26	100	0	P	H
													H
													H
		11160	49.87	-24.13	74	50.63	39.98	20.3	61.04	100	0	P	V
		16740	59.63	-8.57	68.2	53.46	39.8	25.63	59.26	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11140	49.63	-24.37	74	50.37	40.02	20.28	61.04	100	0	P	H
		17100	51.96	-16.24	68.2	44.39	40.3	26.25	58.98	100	0	P	H
													H
													H
		11140	49.62	-24.38	74	50.36	40.02	20.28	61.04	100	0	P	V
		17100	51.88	-16.32	68.2	44.31	40.3	26.25	58.98	100	0	P	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 Full (Band Edge @ 3m)**

WIFI Ant. 1	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 100 5500MHz		5458	57.94	-16.06	74	41.85	31.62	13.52	29.05	305	49	P	H
		5469.68	64.72	-3.48	68.2	48.61	31.64	13.53	29.06	305	49	P	H
		5460	46.96	-7.04	54	30.87	31.62	13.52	29.05	305	49	A	H
	*	5500	116.82	-	-	100.64	31.7	13.56	29.08	305	49	P	H
	*	5500	106.81	-	-	90.63	31.7	13.56	29.08	305	49	A	H
		5459.98	56.28	-17.72	74	40.19	31.62	13.52	29.05	246	195	P	V
		5469.68	60.58	-7.62	68.2	44.47	31.64	13.53	29.06	246	195	P	V
		5460	44.78	-9.22	54	28.69	31.62	13.52	29.05	246	195	A	V
	*	5500	112.48	-	-	96.3	31.7	13.56	29.08	246	195	P	V
	*	5500	102.15	-	-	85.97	31.7	13.56	29.08	246	195	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5437.84	55.59	-18.41	74	40.43	31.55	12.65	29.04	203	19	P	H
		5463.04	56.19	-12.01	68.2	40.92	31.63	12.7	29.06	203	19	P	H
		5459.2	45.66	-8.34	54	30.4	31.62	12.69	29.05	203	19	A	H
	*	5580	122.9	-	-	107.3	31.74	12.92	29.06	203	19	P	H
	*	5580	112.8	-	-	97.2	31.74	12.92	29.06	203	19	A	H
		5730.35	58.21	-9.99	68.2	42.14	31.92	13.17	29.02	203	19	P	H
		5449.6	54.49	-19.51	74	39.27	31.6	12.67	29.05	227	87	P	V
		5465.92	54.45	-13.75	68.2	39.17	31.63	12.71	29.06	227	87	P	V
		5449.12	44.58	-9.42	54	29.36	31.6	12.67	29.05	227	87	A	V
	*	5580	120.74	-	-	105.14	31.74	12.92	29.06	227	87	P	V
	*	5580	110.54	-	-	94.94	31.74	12.92	29.06	227	87	A	V
		5744.525	56.54	-11.66	68.2	40.39	31.98	13.19	29.02	227	87	P	V



<b>802.11ax HE20 Full CH 140 5700MHz</b>	*	5700	112.74	-	-	96.24	31.8	13.73	29.03	268	58	P	H
	*	5700	102.22	-	-	85.72	31.8	13.73	29.03	268	58	A	H
		5725.16	66.2	-2	68.2	49.58	31.9	13.75	29.03	268	58	P	H
													H
													H
													H
	*	5700	108.36	-	-	91.86	31.8	13.73	29.03	210	193	P	V
	*	5700	98.05	-	-	81.55	31.8	13.73	29.03	210	193	A	V
		5725.24	62.19	-6.01	68.2	45.57	31.9	13.75	29.03	210	193	P	V
													V
												V	
												V	
<b>Remark</b>	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	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 100 5500MHz		11000	49.69	-24.31	74	50.26	40.4	20.13	61.1	100	0	P	H	
		16500	50.35	-17.85	68.2	45.73	38.8	25.22	59.4	100	0	P	H	
													H	
													H	
			11000	49.64	-24.36	74	50.21	40.4	20.13	61.1	100	0	P	V
			16500	50.41	-17.79	68.2	45.79	38.8	25.22	59.4	100	0	P	V
														V
802.11ax HE20 Full CH 116 5580MHz		11160	49.81	-24.19	74	19.67	39.98	19.83	29.67	100	0	P	H	
		16740	61.23	-6.97	68.2	55.06	39.8	25.63	59.26	400	325	P	H	
													H	
													H	
			11160	49.63	-24.37	74	50.39	39.98	20.3	61.04	100	0	P	V
			16740	61.14	-7.06	68.2	54.97	39.8	25.63	59.26	169	205	P	V
														V
802.11ax HE20 Full CH 140 5700MHz		11400	49.98	-24.02	74	19.42	40.1	20.1	29.64	100	0	P	H	
		17100	52.87	-15.33	68.2	45.3	40.3	26.25	58.98	100	0	P	H	
													H	
													H	
			11400	49.92	-24.08	74	50.19	40.1	20.57	60.94	100	0	P	V
			17100	52.47	-15.73	68.2	44.9	40.3	26.25	58.98	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 3 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1	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 102 5510MHz		5459.68	62.72	-11.28	74	46.63	31.62	13.52	29.05	305	53	P	H
		5469.52	66.37	-1.83	68.2	50.26	31.64	13.53	29.06	305	53	P	H
		5459.2	50.93	-3.07	54	34.84	31.62	13.52	29.05	305	53	A	H
	*	5510	113.39	-	-	97.19	31.72	13.56	29.08	305	53	P	H
	*	5510	102.77	-	-	86.57	31.72	13.56	29.08	305	53	A	H
		5764.37	59.64	-8.56	68.2	42.84	32.03	13.79	29.02	305	53	P	H
		5459.68	57.67	-16.33	74	41.58	31.62	13.52	29.05	224	190	P	V
		5469.76	61.67	-6.53	68.2	45.56	31.64	13.53	29.06	224	190	P	V
		5459.44	47.88	-6.12	54	31.79	31.62	13.52	29.05	224	190	A	V
	*	5510	109.24	-	-	93.04	31.72	13.56	29.08	224	190	P	V
	*	5510	98.76	-	-	82.56	31.72	13.56	29.08	224	190	A	V
	5749.565	56.77	-11.43	68.2	40.02	32	13.77	29.02	224	190	P	V	
802.11ax HE40 Full CH 110 5550MHz		5459.92	62.22	-11.78	74	46.13	31.62	13.52	29.05	295	48	P	H
		5469.76	63.34	-4.86	68.2	47.23	31.64	13.53	29.06	295	48	P	H
		5459.68	52.01	-1.99	54	35.92	31.62	13.52	29.05	295	48	A	H
	*	5550	117.56	-	-	101.23	31.8	13.6	29.07	295	48	P	H
	*	5550	107.74	-	-	91.41	31.8	13.6	29.07	295	48	A	H
		5736.65	59.48	-8.72	68.2	42.79	31.95	13.76	29.02	295	48	P	H
		5459.2	58.3	-15.7	74	42.21	31.62	13.52	29.05	220	192	P	V
		5467.12	60.75	-7.45	68.2	44.65	31.63	13.53	29.06	220	192	P	V
		5459.44	48.92	-5.08	54	32.83	31.62	13.52	29.05	220	192	A	V
	*	5550	113.5	-	-	97.17	31.8	13.6	29.07	220	192	P	V
	*	5550	103.47	-	-	87.14	31.8	13.6	29.07	220	192	A	V
	5739.8	56.73	-11.47	68.2	40.02	31.96	13.77	29.02	220	192	P	V	



<b>802.11ax</b> <b>HE40 Full</b> <b>CH 134</b> <b>5670MHz</b>		5418.95	54.87	-19.13	74	38.93	31.48	13.49	29.03	296	55	P	H
		5465.15	54.82	-13.38	68.2	38.72	31.63	13.53	29.06	296	55	P	H
		5445.55	45.36	-8.64	54	29.31	31.58	13.51	29.04	296	55	A	H
	*	5670	113.96	-	-	97.56	31.74	13.7	29.04	296	55	P	H
	*	5670	104.41	-	-	88.01	31.74	13.7	29.04	296	55	A	H
		5732.1	66.64	-1.56	68.2	49.97	31.93	13.76	29.02	296	55	P	H
		5354.9	54.18	-19.82	74	38.55	31.22	13.39	28.98	211	191	P	V
		5468.65	54.63	-13.57	68.2	38.52	31.64	13.53	29.06	211	191	P	V
		5437.5	44.78	-9.22	54	28.77	31.55	13.5	29.04	211	191	A	V
	*	5670	109.51	-	-	93.11	31.74	13.7	29.04	211	191	P	V
	*	5670	100.27	-	-	83.87	31.74	13.7	29.04	211	191	P	V
		5731.4	63.13	-5.07	68.2	46.46	31.93	13.76	29.02	211	191	A	V
<b>Remark</b>	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	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 102 5510MHz		11020	49.93	-24.07	74	50.53	40.34	20.15	61.09	100	0	P	H	
		16530	50.62	-17.58	68.2	45.78	38.95	25.27	59.38	100	0	P	H	
													H	
													H	
			11020	49.98	-24.02	74	50.58	40.34	20.15	61.09	100	0	P	V
			16530	50.95	-17.25	68.2	46.11	38.95	25.27	59.38	100	0	P	V
														V
802.11ax HE40 Full CH 110 5550MHz		11100	49.9	-24.1	74	50.62	40.1	20.24	61.06	100	0	P	H	
		16650	52.55	-15.65	68.2	46.94	39.45	25.47	59.31	100	0	P	H	
													H	
													H	
			11100	49.99	-24.01	74	50.71	40.1	20.24	61.06	100	0	P	V
			16650	52.29	-15.91	68.2	46.68	39.45	25.47	59.31	100	0	P	V
														V
802.11ax HE40 Full CH 134 5670MHz		11340	49.89	-24.11	74	19.59	39.92	20.03	29.65	100	0	P	H	
		17010	52.46	-15.74	68.2	44.88	40.57	26.1	59.09	100	0	P	H	
													H	
													H	
			11340	49.93	-24.07	74	50.47	39.92	20.5	60.96	100	0	P	V
			17010	52.75	-15.45	68.2	45.17	40.57	26.1	59.09	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1	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 106 5530MHz		5453.92	64.37	-9.63	74	48.29	31.61	13.52	29.05	211	48	P	H
		5468.8	64.73	-3.47	68.2	48.62	31.64	13.53	29.06	211	48	P	H
		5458.24	52.58	-1.42	54	36.49	31.62	13.52	29.05	211	48	A	H
	*	5530	110.09	-	-	93.82	31.76	13.58	29.07	211	48	P	H
	*	5530	100.99	-	-	84.72	31.76	13.58	29.07	211	48	A	H
		5759.33	60.72	-7.48	68.2	43.94	32.02	13.78	29.02	211	48	P	H
		5454.16	58.38	-15.62	74	42.3	31.61	13.52	29.05	222	192	P	V
		5462.08	60.94	-7.26	68.2	44.85	31.62	13.52	29.05	222	192	P	V
		5458	49.17	-4.83	54	33.08	31.62	13.52	29.05	222	192	A	V
	*	5530	105.54	-	-	89.27	31.76	13.58	29.07	222	192	P	V
	*	5530	96.28	-	-	80.01	31.76	13.58	29.07	222	192	A	V
		5739.8	57.53	-10.67	68.2	40.82	31.96	13.77	29.02	222	192	P	V
802.11ax HE80 Full CH 122 5610MHz		5457.52	57.13	-16.87	74	41.04	31.62	13.52	29.05	210	50	P	H
		5466.88	56.2	-12	68.2	40.1	31.63	13.53	29.06	210	50	P	H
		5459.92	47.94	-6.06	54	31.85	31.62	13.52	29.05	210	50	A	H
	*	5610	110.92	-	-	94.62	31.7	13.65	29.05	210	50	P	H
	*	5610	101.66	-	-	85.36	31.7	13.65	29.05	210	50	A	H
		5726.57	65.83	-2.37	68.2	49.2	31.91	13.75	29.03	210	50	P	H
		5432.56	55.29	-18.71	74	39.3	31.53	13.5	29.04	203	190	P	V
		5464.24	54.93	-13.27	68.2	38.84	31.63	13.52	29.06	203	190	P	V
		5457.52	46	-8	54	29.91	31.62	13.52	29.05	203	190	A	V
	*	5610	106.17	-	-	89.87	31.7	13.65	29.05	203	190	P	V
	*	5610	96.66	-	-	80.36	31.7	13.65	29.05	203	190	A	V
		5726.255	60.35	-7.85	68.2	43.72	31.91	13.75	29.03	203	190	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	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 106 5530MHz		11060	49.78	-24.22	74	19.51	40.22	19.73	29.68	100	0	P	H	
		16590	51.21	-16.99	68.2	45.94	39.25	25.37	59.35	100	0	P	H	
													H	
													H	
			11060	49.67	-24.33	74	19.4	40.22	19.73	29.68	100	0	P	V
			16590	50.86	-17.34	68.2	45.59	39.25	25.37	59.35	100	0	P	V
														V
802.11ax HE80 Full CH 122 5610MHz		11220	49.92	-24.08	74	50.68	39.88	20.37	61.01	100	0	P	H	
		16830	52.24	-15.96	68.2	45.41	40.25	25.78	59.2	100	0	P	H	
													H	
													H	
			11220	49.94	-24.06	74	50.7	39.88	20.37	61.01	100	0	P	V
			16830	52.74	-15.46	68.2	45.91	40.25	25.78	59.2	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													





**Band 3 - Straddle Channel**  
**WIFI 802.11a (Band Edge @ 3m)**

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
<b>802.11a CH 144 5720MHz</b>		5443.99	56.04	-17.96	74	40.84	31.58	12.66	29.04	216	31	P	H
		5464.66	55.37	-12.83	68.2	40.1	31.63	12.7	29.06	216	31	P	H
		5434.63	45.62	-8.38	54	30.47	31.54	12.65	29.04	216	31	A	H
	*	5720	119.73	-	-	103.73	31.88	13.15	29.03	216	31	P	H
	*	5720	111.85	-	-	95.85	31.88	13.15	29.03	216	31	A	H
		5939.25	55.44	-12.76	68.2	38.69	32.36	13.36	28.97	216	31	P	H
		5447.11	54.24	-19.76	74	39.03	31.59	12.67	29.05	211	95	P	V
		5460.76	54.83	-13.37	68.2	39.56	31.62	12.7	29.05	211	95	P	V
		5441.65	44.21	-9.79	54	29.02	31.57	12.66	29.04	211	95	A	V
	*	5720	117.98	-	-	101.98	31.88	13.15	29.03	211	95	P	V
	*	5720	110.13	-	-	94.13	31.88	13.15	29.03	211	95	A	V
		5932.75	57.01	-11.19	68.2	40.3	32.33	13.36	28.98	211	95	P	V
<b>Remark</b>	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	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		11440	49.22	-24.78	74	49.43	40.1	20.61	60.92	100	0	P	H	
		17160	56.62	-11.58	68.2	48.64	40.54	26.35	58.91	100	0	P	H	
													H	
													H	
			11440	49.51	-24.49	74	49.72	40.1	20.61	60.92	100	0	P	V
			17160	58.88	-9.32	68.2	50.9	40.54	26.35	58.91	100	0	P	V
														V
														V
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1	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		5436.19	55.98	-18.02	74	40.83	31.54	12.65	29.04	213	23	P	H
		5460.37	54.94	-13.26	68.2	39.68	31.62	12.69	29.05	213	23	P	H
		5438.92	45.58	-8.42	54	30.41	31.56	12.65	29.04	213	23	A	H
	*	5720	122.32	-	-	106.32	31.88	13.15	29.03	213	23	P	H
	*	5720	111.92	-	-	95.92	31.88	13.15	29.03	213	23	A	H
		5939.5	55.52	-12.68	68.2	38.77	32.36	13.36	28.97	213	23	P	H
		5439.31	54.8	-19.2	74	39.63	31.56	12.65	29.04	229	88	P	V
		5465.05	55.26	-12.94	68.2	39.99	31.63	12.7	29.06	229	88	P	V
		5432.68	44.32	-9.68	54	29.19	31.53	12.64	29.04	229	88	A	V
	*	5720	119.78	-	-	103.78	31.88	13.15	29.03	229	88	P	V
	*	5720	109.51	-	-	93.51	31.88	13.15	29.03	229	88	A	V
		5936.25	56.06	-12.14	68.2	39.33	32.35	13.36	28.98	229	88	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	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		11440	49.9	-24.1	74	50.11	40.1	20.61	60.92	100	0	P	H	
		17160	60.21	-7.99	68.2	52.23	40.54	26.35	58.91	340	350	P	H	
													H	
													H	
			11440	49.91	-24.09	74	50.12	40.1	20.61	60.92	100	0	P	V
			17160	61.37	-6.83	68.2	53.39	40.54	26.35	58.91	150	350	P	V
														V
														V
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1	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 )
<b>802.11ax HE40 Full CH 142 5710MHz</b>		5429.95	56.5	-17.5	74	41.37	31.52	12.64	29.03	214	24	P	H
		5463.88	55.59	-12.61	68.2	40.32	31.63	12.7	29.06	214	24	P	H
		5453.35	46.03	-7.97	54	30.79	31.61	12.68	29.05	214	24	A	H
	*	5710	118.95	-	-	103	31.84	13.14	29.03	214	24	P	H
	*	5710	108.38	-	-	92.43	31.84	13.14	29.03	214	24	A	H
		5856	57.19	-11.01	68.2	40.76	32.11	13.31	28.99	214	24	P	H
		5422.93	54.87	-19.13	74	39.79	31.49	12.62	29.03	207	185	P	V
		5460	53.46	-14.74	68.2	37.37	31.62	13.52	29.05	207	185	P	V
		5438.53	45.06	-8.94	54	29.9	31.55	12.65	29.04	207	185	A	V
	*	5710	116.55	-	-	100.6	31.84	13.14	29.03	207	185	P	V
	*	5710	106.17	-	-	90.22	31.84	13.14	29.03	207	185	A	V
	5860.5	55.59	-12.61	68.2	39.14	32.12	13.32	28.99	207	185	P	V	
<b>Remark</b>	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	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		11420	49.91	-24.09	74	50.15	40.1	20.59	60.93	100	0	P	H	
		17130	55.12	-13.08	68.2	47.34	40.42	26.3	58.94	100	0	P	H	
													H	
													H	
			11420	49.81	-24.19	74	50.05	40.1	20.59	60.93	100	0	P	V
			17130	55.27	-12.93	68.2	47.49	40.42	26.3	58.94	100	0	P	V
														V
													V	
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1	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 )
<b>802.11ax HE80 Full CH 138 5690MHz</b>		5458.03	59.64	-14.36	74	44.38	31.62	12.69	29.05	211	25	P	H
		5463.1	63.95	-4.25	68.2	48.68	31.63	12.7	29.06	211	25	P	H
		5459.98	50.15	-3.85	54	34.89	31.62	12.69	29.05	211	25	A	H
	*	5690	115.57	-	-	99.72	31.78	13.1	29.03	211	25	P	H
	*	5690	106.09	-	-	90.24	31.78	13.1	29.03	211	25	A	H
		5853.25	64.09	-4.11	68.2	47.67	32.11	13.31	29	211	25	P	H
		5444.77	57.32	-16.68	74	42.11	31.58	12.67	29.04	217	93	P	V
		5465.05	57.59	-10.61	68.2	42.32	31.63	12.7	29.06	217	93	P	V
		5459.98	48.02	-5.98	54	32.76	31.62	12.69	29.05	217	93	A	V
	*	5690	113.28	-	-	97.43	31.78	13.1	29.03	217	93	P	V
	*	5690	104.11	-	-	88.26	31.78	13.1	29.03	217	93	A	V
	5854.25	62.38	-5.82	68.2	45.95	32.11	13.31	28.99	217	93	P	V	
<b>Remark</b>	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	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 138 5690MHz		11380	49.95	-24.05	74	50.32	40.04	20.54	60.95	100	0	P	H	
		17070	52.6	-15.6	68.2	45.03	40.39	26.2	59.02	100	0	P	H	
													H	
													H	
			11380	49.96	-24.04	74	50.33	40.04	20.54	60.95	100	0	P	V
			17070	54.58	-13.62	68.2	47.01	40.39	26.2	59.02	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE40 Full SHF		21696	39.45	-28.75	68.2	42.48	37.96	12.47	53.46	150	0	P	H
		32300	41.64	-26.56	68.2	38.86	40.52	16.76	54.5	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			20376	38.2	-35.8	74	42.17	37.95	11.65	53.57	150	0	P
		30606	43.46	-24.74	68.2	41.4	40.46	16.84	55.24	150	0	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> </ol>												



Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE40 Full LF		99.84	19.18	-24.32	43.5	34.16	15.76	1.51	32.25	-	-	P	H	
		128.94	23.87	-19.63	43.5	36.81	17.56	1.77	32.27	-	-	P	H	
		173.56	24.47	-19.03	43.5	39.41	15.27	2.09	32.3	-	-	P	H	
		251.16	22.55	-23.45	46	33.56	18.71	2.62	32.34	-	-	P	H	
		305.48	22.23	-23.77	46	32.36	19.3	2.92	32.35	-	-	P	H	
		885.54	35.05	-10.95	46	32.8	29.04	5.2	31.99	100	0	P	H	
														H
														H
														H
														H
														H
														H
			39.7	27.67	-12.33	40	39.71	19.47	0.8	32.31	-	-	P	V
			66.86	22.49	-17.51	40	41.88	11.83	1.15	32.37	-	-	P	V
			128.94	22.01	-21.49	43.5	34.95	17.56	1.77	32.27	-	-	P	V
			174.53	23.68	-19.82	43.5	38.67	15.21	2.1	32.3	-	-	P	V
			538.28	28.4	-17.6	46	32.29	24.22	3.91	32.02	-	-	P	V
			722.58	32.47	-13.53	46	32.94	27.1	4.63	32.2	100	0	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 36 5180MHz		5148.98	64.89	-9.11	74	49.72	31.7	12.32	28.85	398	212	P	H	
		5150	49.51	-4.49	54	34.34	31.7	12.32	28.85	398	212	A	H	
	*	5180	113.52	-	-	98.45	31.58	12.36	28.87	398	212	P	H	
	*	5180	105.84	-	-	90.77	31.58	12.36	28.87	398	212	A	H	
													H	
													H	
			5149.24	63.58	-10.42	74	48.41	31.7	12.32	28.85	244	244	P	V
			5150	52.43	-1.57	54	37.26	31.7	12.32	28.85	244	244	A	V
	*		5180	115.46	-	-	100.39	31.58	12.36	28.87	244	244	P	V
	*		5180	107.69	-	-	92.62	31.58	12.36	28.87	244	244	A	V
													V	
													V	
802.11a CH 44 5220MHz		5136.76	63.05	-10.95	74	47.86	31.73	12.3	28.84	391	213	P	H	
		5144.82	49.9	-4.1	54	34.72	31.71	12.32	28.85	391	213	A	H	
	*	5220	121.47	-	-	106.54	31.42	12.41	28.9	391	213	P	H	
	*	5220	113.57	-	-	98.64	31.42	12.41	28.9	391	213	A	H	
			5350.52	54.83	-19.17	74	40.08	31.2	12.53	28.98	391	213	P	H
			5375.72	45.94	-8.06	54	31.08	31.3	12.56	29	391	213	A	H
			5145.6	64.64	-9.36	74	49.46	31.71	12.32	28.85	240	244	P	V
			5145.08	52.42	-1.58	54	37.24	31.71	12.32	28.85	240	244	A	V
	*		5220	123.32	-	-	108.39	31.42	12.41	28.9	240	244	P	V
	*		5220	115.42	-	-	100.49	31.42	12.41	28.9	240	244	A	V
			5381.6	56.12	-17.88	74	41.23	31.33	12.56	29	240	244	P	V
			5376	47.01	-6.99	54	32.15	31.3	12.56	29	240	244	A	V



<b>802.11a CH 48 5240MHz</b>		5149.76	56.16	-17.84	74	40.99	31.7	12.32	28.85	389	213	P	H
		5147.42	47.57	-6.43	54	32.39	31.71	12.32	28.85	389	213	A	H
	*	5240	123.03	-	-	108.17	31.34	12.43	28.91	389	213	P	H
	*	5240	114.8	-	-	99.94	31.34	12.43	28.91	389	213	A	H
		5363.96	55.68	-18.32	74	40.86	31.26	12.55	28.99	389	213	P	H
		5352.2	46.57	-7.43	54	31.81	31.21	12.53	28.98	389	213	A	H
		5150	60.79	-13.21	74	45.62	31.7	12.32	28.85	239	243	P	V
		5147.16	49.73	-4.27	54	34.55	31.71	12.32	28.85	239	243	A	V
	*	5240	124.12	-	-	109.26	31.34	12.43	28.91	239	243	P	V
	*	5240	116.08	-	-	101.22	31.34	12.43	28.91	239	243	A	V
		5350.8	56.08	-17.92	74	41.33	31.2	12.53	28.98	239	243	P	V
		5352.2	47.64	-6.36	54	32.88	31.21	12.53	28.98	239	243	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 36 5180MHz		10360	50.18	-18.02	68.2	52.27	39.64	19.17	60.9	100	0	P	H	
		15540	49.55	-24.45	74	49.94	37.94	24.38	62.71	100	0	P	H	
													H	
													H	
			10360	52.29	-15.91	68.2	54.38	39.64	19.17	60.9	100	0	P	V
			15540	48.56	-25.44	74	48.95	37.94	24.38	62.71	100	0	P	V
														V
														V
802.11a CH 44 5220MHz		10440	56.94	-11.26	68.2	58.79	39.88	19.29	61.02	100	0	P	H	
		15660	57.48	-16.52	74	57.77	37.46	24.38	62.13	172	114	P	H	
		15660	48.96	-5.04	54	49.25	37.46	24.38	62.13	172	114	A	H	
													H	
			10440	57.62	-10.58	68.2	59.47	39.88	19.29	61.02	100	0	P	V
			15660	57.93	-16.07	74	58.22	37.46	24.38	62.13	218	162	P	V
			15660	49.04	-4.96	54	49.33	37.46	24.38	62.13	218	162	A	V
														V
802.11a CH 48 5240MHz		10480	58.95	-9.25	68.2	60.71	39.96	19.35	61.07	100	0	P	H	
		15720	58.11	-15.89	74	58.28	37.3	24.37	61.84	149	114	P	H	
		15720	49.47	-4.53	54	49.64	37.3	24.37	61.84	149	114	A	H	
													H	
			10480	58.94	-9.26	68.2	60.7	39.96	19.35	61.07	100	0	P	V
			15720	61.06	-12.94	74	61.23	37.3	24.37	61.84	150	19	P	V
			15720	51.57	-2.43	54	51.74	37.3	24.37	61.84	150	19	A	V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 36 5180MHz		5145.6	63.39	-10.61	74	48.21	31.71	12.32	28.85	400	213	P	H	
		5148.46	49.74	-4.26	54	34.57	31.7	12.32	28.85	400	213	A	H	
	*	5180	113.83	-	-	98.76	31.58	12.36	28.87	400	213	P	H	
	*	5180	104.27	-	-	89.2	31.58	12.36	28.87	400	213	A	H	
													H	
														H
			5145.86	65.67	-8.33	74	50.49	31.71	12.32	28.85	235	244	P	V
			5148.46	51.65	-2.35	54	36.48	31.7	12.32	28.85	235	244	A	V
		*	5180	115.44	-	-	100.37	31.58	12.36	28.87	235	244	P	V
		*	5180	106.13	-	-	91.06	31.58	12.36	28.87	235	244	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5148.46	62.14	-11.86	74	46.97	31.7	12.32	28.85	390	213	P	H	
		5148.46	50.17	-3.83	54	35	31.7	12.32	28.85	390	213	A	H	
		*	5220	120.93	-	-	106	31.42	12.41	28.9	390	213	P	H
		*	5220	111.86	-	-	96.93	31.42	12.41	28.9	390	213	A	H
			5361.72	55.27	-18.73	74	40.47	31.25	12.54	28.99	390	213	P	H
			5351.36	45.5	-8.5	54	30.74	31.21	12.53	28.98	390	213	A	H
			5146.38	66.27	-7.73	74	51.09	31.71	12.32	28.85	241	242	P	V
			5148.72	52.46	-1.54	54	37.29	31.7	12.32	28.85	241	242	A	V
		*	5220	122.95	-	-	108.02	31.42	12.41	28.9	241	242	P	V
		*	5220	113.73	-	-	98.8	31.42	12.41	28.9	241	242	A	V
		5353.6	55.09	-18.91	74	40.32	31.21	12.54	28.98	241	242	P	V	
		5353.04	46.49	-7.51	54	31.72	31.21	12.54	28.98	241	242	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5149.76	62.92	-11.08	74	47.75	31.7	12.32	28.85	388	213	P	H
		5150	50.45	-3.55	54	35.28	31.7	12.32	28.85	388	213	A	H
	*	5240	122.12	-	-	107.26	31.34	12.43	28.91	388	213	P	H
	*	5240	113.47	-	-	98.61	31.34	12.43	28.91	388	213	A	H
		5354.72	54.85	-19.15	74	40.07	31.22	12.54	28.98	388	213	P	H
		5350.24	46.64	-7.36	54	31.89	31.2	12.53	28.98	388	213	A	H
		5150	63.19	-10.81	74	48.02	31.7	12.32	28.85	229	241	P	V
		5150	52.23	-1.77	54	37.06	31.7	12.32	28.85	229	241	A	V
	*	5240	123.17	-	-	108.31	31.34	12.43	28.91	229	241	P	V
	*	5240	114.75	-	-	99.89	31.34	12.43	28.91	229	241	A	V
		5350.24	57.23	-16.77	74	42.48	31.2	12.53	28.98	229	241	P	V
		5355.84	47.78	-6.22	54	33	31.22	12.54	28.98	229	241	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	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 36 5180MHz		10360	49.78	-18.42	68.2	51.87	39.64	19.17	60.9	100	0	P	H	
		15540	49.08	-24.92	74	49.47	37.94	24.38	62.71	100	0	P	H	
													H	
													H	
			10360	50.62	-17.58	68.2	52.71	39.64	19.17	60.9	100	0	P	V
			15540	49.26	-24.74	74	49.65	37.94	24.38	62.71	100	0	P	V
														V
802.11ax HE20 Full CH 44 5220MHz		10440	56.46	-11.74	68.2	58.31	39.88	19.29	61.02	100	0	P	H	
		15660	58.43	-15.57	74	58.72	37.46	24.38	62.13	174	118	P	H	
		15660	48.04	-5.96	54	48.33	37.46	24.38	62.13	174	118	A	H	
													H	
			10440	55.34	-12.86	68.2	57.19	39.88	19.29	61.02	100	0	P	V
			15660	58.98	-15.02	74	59.27	37.46	24.38	62.13	218	162	P	V
			15660	48.21	-5.79	54	48.5	37.46	24.38	62.13	218	162	A	V
802.11ax HE20 Full CH 48 5240MHz		10480	57.91	-10.29	68.2	59.67	39.96	19.35	61.07	100	0	P	H	
		15720	59.33	-14.67	74	59.5	37.3	24.37	61.84	177	116	P	H	
		15720	49.73	-4.27	54	49.9	37.3	24.37	61.84	177	116	A	H	
													H	
			10480	57.25	-10.95	68.2	59.01	39.96	19.35	61.07	100	0	P	V
			15720	62.69	-11.31	74	62.86	37.3	24.37	61.84	192	13	P	V
			15720	52.32	-1.68	54	52.49	37.3	24.37	61.84	192	13	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





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

WIFI Ant. 1+2	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 38 5190MHz		5150	59.68	-14.32	74	44.51	31.7	12.32	28.85	397	213	P	H
		5150	51.49	-2.51	54	36.32	31.7	12.32	28.85	397	213	A	H
	*	5190	109.17	-	-	94.13	31.54	12.38	28.88	397	213	P	H
	*	5190	100.21	-	-	85.17	31.54	12.38	28.88	397	213	A	H
		5381.6	53.96	-20.04	74	39.07	31.33	12.56	29	397	213	P	H
		5354.16	43.78	-10.22	54	29	31.22	12.54	28.98	397	213	A	H
		5148.2	59.97	-14.03	74	44.8	31.7	12.32	28.85	230	296	P	V
		5148.72	52.12	-1.88	54	36.95	31.7	12.32	28.85	230	296	A	V
	*	5190	111.72	-	-	96.68	31.54	12.38	28.88	230	296	P	V
	*	5190	102.14	-	-	87.1	31.54	12.38	28.88	230	296	A	V
		5360.04	53.36	-20.64	74	38.57	31.24	12.54	28.99	230	296	P	V
		5366.76	44.96	-9.04	54	30.13	31.27	12.55	28.99	230	296	A	V
802.11ax HE40 Full CH 46 5230MHz		5147.94	60.99	-13.01	74	45.82	31.7	12.32	28.85	389	213	P	H
		5147.94	51.92	-2.08	54	36.75	31.7	12.32	28.85	389	213	A	H
	*	5230	115.28	-	-	100.38	31.38	12.42	28.9	389	213	P	H
	*	5230	106.57	-	-	91.67	31.38	12.42	28.9	389	213	A	H
		5351.64	55	-19	74	40.24	31.21	12.53	28.98	389	213	P	H
		5350	45.78	-8.22	54	31.03	31.2	12.53	28.98	389	213	A	H
		5148.98	62.16	-11.84	74	46.99	31.7	12.32	28.85	226	295	P	V
		5149.24	52.59	-1.41	54	37.42	31.7	12.32	28.85	226	295	A	V
	*	5230	118.68	-	-	103.78	31.38	12.42	28.9	226	295	P	V
	*	5230	108.95	-	-	94.05	31.38	12.42	28.9	226	295	A	V
	5382.72	55.51	-18.49	74	40.62	31.33	12.56	29	226	295	P	V	
	5351.08	47.33	-6.67	54	32.58	31.2	12.53	28.98	226	295	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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 38 5190MHz		10380	49.47	-18.73	68.2	51.48	39.72	19.2	60.93	100	0	P	H	
		15570	48.77	-25.23	74	49.13	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	50.05	-18.15	68.2	52.06	39.72	19.2	60.93	100	0	P	V
			15570	48.67	-25.33	74	49.03	37.82	24.38	62.56	100	0	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	51.7	-16.5	68.2	53.5	39.92	19.32	61.04	100	0	P	H	
		15690	47.61	-26.39	74	47.89	37.34	24.37	61.99	100	0	P	H	
													H	
													H	
			10460	51.89	-16.31	68.2	53.69	39.92	19.32	61.04	100	0	P	V
			15690	47.99	-26.01	74	48.27	37.34	24.37	61.99	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5145.34	62.93	-11.07	74	47.75	31.71	12.32	28.85	387	215	P	H
		5145.08	51.71	-2.29	54	36.53	31.71	12.32	28.85	387	215	A	H
	*	5210	106.23	-	-	91.26	31.46	12.4	28.89	387	215	P	H
	*	5210	96.74	-	-	81.77	31.46	12.4	28.89	387	215	A	H
		5386.64	52.51	-21.49	74	37.6	31.35	12.57	29.01	387	215	P	H
		5350	43.61	-10.39	54	28.86	31.2	12.53	28.98	387	215	A	H
		5136.5	60.12	-13.88	74	44.93	31.73	12.3	28.84	227	294	P	V
		5148.46	51.78	-2.22	54	36.61	31.7	12.32	28.85	227	294	A	V
	*	5210	108.66	-	-	93.69	31.46	12.4	28.89	227	294	P	V
	*	5210	99.31	-	-	84.34	31.46	12.4	28.89	227	294	A	V
		5365.08	53.71	-20.29	74	38.89	31.26	12.55	28.99	227	294	P	V
		5354.16	44.74	-9.26	54	29.96	31.22	12.54	28.98	227	294	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	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		10420	49.72	-18.48	68.2	51.61	39.84	19.26	60.99	100	0	P	H
		15630	47.97	-26.03	74	48.3	37.58	24.37	62.28	100	0	P	H
													H
													H
CH 42 5210MHz		10420	50.01	-18.19	68.2	51.9	39.84	19.26	60.99	100	0	P	V
		15630	48.17	-25.83	74	48.5	37.58	24.37	62.28	100	0	P	V
													V
													V



**Band 2 - 5250~5350MHz**  
**WiFi 802.11a (Band Edge @ 3m)**

WiFi Ant. 1+2	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		5124.44	56.35	-17.65	74	41.14	31.75	12.29	28.83	229	257	P	H
		5149.6	46.05	-7.95	54	30.88	31.7	12.32	28.85	229	257	A	H
	*	5260	121.91	-	-	107.08	31.3	12.45	28.92	229	257	P	H
	*	5260	113.92	-	-	99.09	31.3	12.45	28.92	229	257	A	H
		5352.72	57.18	-16.82	74	42.41	31.21	12.54	28.98	229	257	P	H
		5350.08	47.75	-6.25	54	33	31.2	12.53	28.98	229	257	A	H
		5093.5	57.67	-16.33	74	42.44	31.79	12.25	28.81	247	243	P	V
		5099.96	48.69	-5.31	54	33.46	31.8	12.25	28.82	247	243	A	V
	*	5260	123.99	-	-	109.16	31.3	12.45	28.92	247	243	P	V
	*	5260	115.84	-	-	101.01	31.3	12.45	28.92	247	243	A	V
		5351.76	57.02	-16.98	74	42.26	31.21	12.53	28.98	247	243	P	V
		5350.08	47.98	-6.02	54	33.23	31.2	12.53	28.98	247	243	A	V
802.11a CH 60 5300MHz		5139.4	55.66	-18.34	74	40.47	31.72	12.31	28.84	233	256	P	H
		5139.06	46.14	-7.86	54	30.95	31.72	12.31	28.84	233	256	A	H
	*	5300	119.79	-	-	104.95	31.3	12.49	28.95	233	256	P	H
	*	5300	109.2	-	-	94.36	31.3	12.49	28.95	233	256	A	H
		5350.8	63.31	-10.69	74	48.56	31.2	12.53	28.98	233	256	P	H
		5350.8	51.73	-2.27	54	36.98	31.2	12.53	28.98	233	256	A	H
		5107.44	56.1	-17.9	74	40.86	31.79	12.27	28.82	244	242	P	V
		5144.5	47.11	-6.89	54	31.93	31.71	12.32	28.85	244	242	A	V
	*	5300	119.59	-	-	104.75	31.3	12.49	28.95	244	242	P	V
	*	5300	112.15	-	-	97.31	31.3	12.49	28.95	244	242	A	V
		5350.08	63.6	-10.4	74	48.85	31.2	12.53	28.98	244	242	P	V
		5350.08	51.32	-2.68	54	36.57	31.2	12.53	28.98	244	242	A	V



<b>802.11a CH 64 5320MHz</b>	*	5320	114.16	-	-	99.36	31.26	12.5	28.96	231	255	P	H
	*	5320	107.33	-	-	92.53	31.26	12.5	28.96	231	255	A	H
		5350.56	63.95	-10.05	74	49.2	31.2	12.53	28.98	231	255	P	H
		5350.08	52.03	-1.97	54	37.28	31.2	12.53	28.98	231	255	A	H
													H
													H
	*	5320	114.34	-	-	99.54	31.26	12.5	28.96	233	246	P	V
	*	5320	107.52	-	-	92.72	31.26	12.5	28.96	233	246	A	V
		5350.08	66.71	-7.29	74	51.96	31.2	12.53	28.98	233	246	P	V
		5350.24	51.07	-2.93	54	36.32	31.2	12.53	28.98	233	246	A	V
													V
													V
<b>Remark</b>	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	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	60.31	-7.89	68.2	61.99	40	19.42	61.1	188	254	P	H
		15780	59.59	-14.41	74	59.48	37.3	24.37	61.56	176	116	P	H
		15780	49.97	-4.03	54	49.86	37.3	24.37	61.56	176	116	A	H
													H
		10520	61.43	-6.77	68.2	63.11	40	19.42	61.1	100	0	P	V
		15780	60.75	-13.25	74	60.64	37.3	24.37	61.56	215	18	P	V
		15780	51.6	-2.4	54	51.49	37.3	24.37	61.56	215	18	A	V
802.11a CH 60 5300MHz		10600	56.25	-17.75	74	57.81	40	19.54	61.1	206	252	P	H
		10600	45.94	-8.06	54	47.5	40	19.54	61.1	206	252	A	H
		15900	49.35	-24.65	74	48.87	37.1	24.36	60.98	100	0	P	H
													H
		10600	58.22	-15.78	74	59.78	40	19.54	61.1	184	226	P	V
		10600	48.84	-5.16	54	50.4	40	19.54	61.1	184	226	A	V
		15900	58.02	-15.98	74	57.54	37.1	24.36	60.98	214	18	P	V
802.11a CH 64 5320MHz		10640	51.96	-22.04	74	53.46	40	19.6	61.1	184	267	P	H
		10640	42.47	-11.53	54	43.97	40	19.6	61.1	184	267	A	H
		15960	49.13	-24.87	74	48.42	37.04	24.36	60.69	100	0	P	H
													H
		10640	49.96	-24.04	74	51.46	40	19.6	61.1	100	0	P	V
		15960	47.43	-26.57	74	46.72	37.04	24.36	60.69	100	0	P	V
		10640	49.96	-24.04	74	51.46	40	19.6	61.1	100	0	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 HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 52 5260MHz		5146.2	56.5	-17.5	74	41.32	31.71	12.32	28.85	235	262	P	H
		5149.6	47.76	-6.24	54	32.59	31.7	12.32	28.85	235	262	A	H
	*	5260	122.38	-	-	107.55	31.3	12.45	28.92	235	262	P	H
	*	5260	113.59	-	-	98.76	31.3	12.45	28.92	235	262	A	H
		5353.92	62.27	-11.73	74	47.49	31.22	12.54	28.98	235	262	P	H
		5350.32	50.58	-3.42	54	35.83	31.2	12.53	28.98	235	262	A	H
		5145.52	58.5	-15.5	74	43.32	31.71	12.32	28.85	239	241	P	V
		5103.36	47.94	-6.06	54	32.71	31.79	12.26	28.82	239	241	A	V
	*	5260	122.6	-	-	107.77	31.3	12.45	28.92	239	241	P	V
	*	5260	113.94	-	-	99.11	31.3	12.45	28.92	239	241	A	V
		5355.12	60.74	-13.26	74	45.96	31.22	12.54	28.98	239	241	P	V
		5350.08	49.65	-4.35	54	34.9	31.2	12.53	28.98	239	241	A	V
802.11ax HE20 Full CH 60 5300MHz		5093.16	54.89	-19.11	74	39.66	31.79	12.25	28.81	232	253	P	H
		5133.62	45.6	-8.4	54	30.41	31.73	12.3	28.84	232	253	A	H
	*	5300	119.03	-	-	104.19	31.3	12.49	28.95	232	253	P	H
	*	5300	110.3	-	-	95.46	31.3	12.49	28.95	232	253	A	H
		5350.08	64.91	-9.09	74	50.16	31.2	12.53	28.98	232	253	P	H
		5350.56	51.93	-2.07	54	37.18	31.2	12.53	28.98	232	253	A	H
		5015.98	55.63	-18.37	74	40.69	31.56	12.14	28.76	221	241	P	V
		5136	46.67	-7.33	54	31.48	31.73	12.3	28.84	221	241	A	V
	*	5300	119.25	-	-	104.41	31.3	12.49	28.95	221	241	P	V
	*	5300	110.59	-	-	95.75	31.3	12.49	28.95	221	241	A	V
	5350.56	63.15	-10.85	74	48.4	31.2	12.53	28.98	221	241	P	V	
	5350.8	51.17	-2.83	54	36.42	31.2	12.53	28.98	221	241	A	V	





<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	114.81	-	-	100.01	31.26	12.5	28.96	228	253	P	H
	*	5320	105.47	-	-	90.67	31.26	12.5	28.96	228	253	A	H
		5350.08	64.25	-9.75	74	49.5	31.2	12.53	28.98	228	253	P	H
		5350.08	52.43	-1.57	54	37.68	31.2	12.53	28.98	228	253	A	H
													H
													H
	*	5320	114.18	-	-	99.38	31.26	12.5	28.96	248	241	P	V
	*	5320	105.65	-	-	90.85	31.26	12.5	28.96	248	241	A	V
		5352	63.77	-10.23	74	49.01	31.21	12.53	28.98	248	241	P	V
		5350.08	50.78	-3.22	54	36.03	31.2	12.53	28.98	248	241	A	V
												V	
												V	
<b>Remark</b>	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	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 52 5260MHz		10520	56.82	-11.38	68.2	58.5	40	19.42	61.1	100	0	P	H	
		15780	58.47	-15.53	74	58.36	37.3	24.37	61.56	176	116	P	H	
		15780	49.61	-4.39	54	49.5	37.3	24.37	61.56	176	116	A	H	
													H	
			10520	57.16	-11.04	68.2	58.84	40	19.42	61.1	100	0	P	V
			15780	60.58	-13.42	74	60.47	37.3	24.37	61.56	212	17	P	V
			15780	51.13	-2.87	54	51.02	37.3	24.37	61.56	212	17	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	55.32	-18.68	74	56.88	40	19.54	61.1	239	260	P	H	
		10600	45.44	-8.56	54	47	40	19.54	61.1	239	260	A	H	
		15900	48.1	-25.9	74	47.62	37.1	24.36	60.98	100	0	P	H	
													H	
			10600	56.96	-17.04	74	58.52	40	19.54	61.1	200	254	P	V
			10600	47.04	-6.96	54	48.6	40	19.54	61.1	200	254	A	V
			15900	50.77	-23.23	74	50.29	37.1	24.36	60.98	100	17	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	52.01	-21.99	74	53.51	40	19.6	61.1	238	258	P	H	
		10640	41.3	-12.7	54	42.8	40	19.6	61.1	238	258	A	H	
		15960	46.74	-27.26	74	46.03	37.04	24.36	60.69	100	0	P	H	
													H	
			10640	51.9	-22.1	74	53.4	40	19.6	61.1	173	200	P	V
			10640	42.28	-11.72	54	43.78	40	19.6	61.1	173	200	A	V
			15960	47.37	-26.63	74	46.66	37.04	24.36	60.69	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 2 5250~5350MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 54 5270MHz		5144.5	56.61	-17.39	74	41.43	31.71	12.32	28.85	233	261	P	H
		5149.6	47.06	-6.94	54	31.89	31.7	12.32	28.85	233	261	A	H
	*	5270	115.6	-	-	100.77	31.3	12.46	28.93	233	261	P	H
	*	5270	106.79	-	-	91.96	31.3	12.46	28.93	233	261	A	H
		5350.08	62.42	-11.58	74	47.67	31.2	12.53	28.98	233	261	P	H
		5350.08	52.33	-1.67	54	37.58	31.2	12.53	28.98	233	261	A	H
		5131.24	56.69	-17.31	74	41.49	31.74	12.3	28.84	250	243	P	V
		5149.94	47.9	-6.1	54	32.73	31.7	12.32	28.85	250	243	A	V
	*	5270	115.65	-	-	100.82	31.3	12.46	28.93	250	243	P	V
	*	5270	106.97	-	-	92.14	31.3	12.46	28.93	250	243	A	V
		5352.48	62.97	-11.03	74	48.21	31.21	12.53	28.98	250	243	P	V
		5350.08	51.06	-2.94	54	36.31	31.2	12.53	28.98	250	243	A	V
802.11ax HE40 Full CH 62 5310MHz		5140.76	55.06	-18.94	74	39.87	31.72	12.31	28.84	228	259	P	H
		5138.72	45.42	-8.58	54	30.23	31.72	12.31	28.84	228	259	A	H
	*	5310	110.35	-	-	95.53	31.28	12.49	28.95	228	259	P	H
	*	5310	101.62	-	-	86.8	31.28	12.49	28.95	228	259	A	H
		5350.56	61.65	-12.35	74	46.9	31.2	12.53	28.98	228	259	P	H
		5351.04	51.45	-2.55	54	36.7	31.2	12.53	28.98	228	259	A	H
		5112.54	54.04	-19.96	74	38.82	31.77	12.27	28.82	243	240	P	V
		5133.96	46.1	-7.9	54	30.91	31.73	12.3	28.84	243	240	A	V
	*	5310	110.19	-	-	95.37	31.28	12.49	28.95	243	240	P	V
	*	5310	101.4	-	-	86.58	31.28	12.49	28.95	243	240	A	V
	5350.56	63.31	-10.69	74	48.56	31.2	12.53	28.98	243	240	P	V	
	5350.32	50.37	-3.63	54	35.62	31.2	12.53	28.98	243	240	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	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 54 5270MHz		10540	51.13	-17.07	68.2	52.78	40	19.45	61.1	100	0	P	H	
		15810	46.98	-27.02	74	46.74	37.28	24.37	61.41	100	0	P	H	
													H	
													H	
			10540	51.92	-16.28	68.2	53.57	40	19.45	61.1	100	0	P	V
			15810	47.57	-26.43	74	47.33	37.28	24.37	61.41	100	0	P	V
														V
802.11ax HE40 Full CH 62 5310MHz		10620	49.91	-24.09	74	51.44	40	19.57	61.1	100	0	P	H	
		15930	47.25	-26.75	74	46.65	37.07	24.37	60.84	100	0	P	H	
													H	
													H	
			10620	49.94	-24.06	74	51.47	40	19.57	61.1	100	0	P	V
			15930	47.37	-26.63	74	46.77	37.07	24.37	60.84	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5149.94	54.72	-19.28	74	39.55	31.7	12.32	28.85	235	261	P	H
		5145.86	46.33	-7.67	54	31.15	31.71	12.32	28.85	235	261	A	H
	*	5290	108.84	-	-	94	31.3	12.48	28.94	235	261	P	H
	*	5290	99.48	-	-	84.64	31.3	12.48	28.94	235	261	A	H
		5369.52	61.37	-12.63	74	46.53	31.28	12.55	28.99	235	261	P	H
		5354.64	50.47	-3.53	54	35.69	31.22	12.54	28.98	235	261	A	H
		5119	56.17	-17.83	74	40.96	31.76	12.28	28.83	226	240	P	V
		5149.26	47.15	-6.85	54	31.98	31.7	12.32	28.85	226	240	A	V
	*	5290	109.12	-	-	94.28	31.3	12.48	28.94	226	240	P	V
	*	5290	99.99	-	-	85.15	31.3	12.48	28.94	226	240	A	V
		5364.72	59.63	-14.37	74	44.81	31.26	12.55	28.99	226	240	P	V
		5350.56	50.56	-3.44	54	35.81	31.2	12.53	28.98	226	240	A	V
<b>Remark</b>	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	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		10580	49.38	-18.82	68.2	50.97	40	19.51	61.1	100	0	P	H	
		15870	46.77	-27.23	74	46.36	37.16	24.37	61.12	100	0	P	H	
													H	
													H	
			10580	49.93	-18.27	68.2	51.52	40	19.51	61.1	100	0	P	V
			15870	47.17	-26.83	74	46.76	37.16	24.37	61.12	100	0	P	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 HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	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 HE160 Full CH 50 5250MHz		5104.52	57.76	-16.24	74	42.53	31.79	12.26	28.82	400	207	P	H
		5093.86	49.61	-4.39	54	34.38	31.79	12.25	28.81	400	207	A	H
	*	5250	100.64	-	-	85.82	31.3	12.44	28.92	400	207	P	H
	*	5250	93.22	-	-	78.4	31.3	12.44	28.92	400	207	A	H
		5360.04	54.86	-19.14	74	40.07	31.24	12.54	28.99	400	207	P	H
		5364.8	48.14	-5.86	54	33.32	31.26	12.55	28.99	400	207	A	H
		5104.26	59.34	-14.66	74	44.11	31.79	12.26	28.82	231	249	P	V
		5094.12	51.96	-2.04	54	36.73	31.79	12.25	28.81	231	249	A	V
	*	5250	102.84	-	-	88.02	31.3	12.44	28.92	231	249	P	V
	*	5250	95.14	-	-	80.32	31.3	12.44	28.92	231	249	A	V
		5352.76	57.29	-16.71	74	42.52	31.21	12.54	28.98	231	249	P	V
		5350.52	50.16	-3.84	54	35.41	31.2	12.53	28.98	231	249	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 HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	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 HE160 Full CH 50 5250MHz		10500	49.53	-18.67	68.2	51.24	40	19.39	61.1	100	0	P	H	
		15750	47.63	-26.37	74	47.66	37.3	24.37	61.7	100	0	P	H	
													H	
													H	
			10500	51.15	-17.05	68.2	52.86	40	19.39	61.1	100	0	P	V
			15750	48.38	-25.62	74	48.41	37.3	24.37	61.7	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant. 1+2	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		5456.56	57.12	-16.88	74	41.04	31.61	13.52	29.05	190	22	P	H	
		5470	64.2	-4	68.2	48.09	31.64	13.53	29.06	190	22	P	H	
		5460	47.31	-6.69	54	31.22	31.62	13.52	29.05	190	22	A	H	
	*	5500	117.27	-	-	101.09	31.7	13.56	29.08	190	22	P	H	
	*	5500	109.93	-	-	93.75	31.7	13.56	29.08	190	22	A	H	
														H
			5456.08	56.64	-17.36	74	40.56	31.61	13.52	29.05	345	11	P	V
			5469.04	65.66	-2.54	68.2	49.55	31.64	13.53	29.06	345	11	P	V
			5459.12	45.93	-8.07	54	29.84	31.62	13.52	29.05	345	11	A	V
	*		5500	115.3	-	-	99.12	31.7	13.56	29.08	345	11	P	V
	*		5500	108.11	-	-	91.93	31.7	13.56	29.08	345	11	A	V
														V
802.11a CH 116 5580MHz		5443.6	55.02	-18.98	74	39.83	31.57	12.66	29.04	227	24	P	H	
		5466.88	55.66	-12.54	68.2	40.38	31.63	12.71	29.06	227	24	P	H	
		5459.44	45.52	-8.48	54	30.26	31.62	12.69	29.05	227	24	A	H	
	*	5580	121.34	-	-	105.74	31.74	12.92	29.06	227	24	P	H	
	*	5580	113.37	-	-	97.77	31.74	12.92	29.06	227	24	A	H	
			5748.62	56.21	-11.99	68.2	40.04	31.99	13.2	29.02	227	24	P	H
			5446.96	55.28	-18.72	74	40.06	31.59	12.67	29.04	100	85	P	V
			5469.76	54.8	-13.4	68.2	39.51	31.64	12.71	29.06	100	85	P	V
			5441.68	44.92	-9.08	54	29.73	31.57	12.66	29.04	100	85	A	V
	*		5580	119.72	-	-	104.12	31.74	12.92	29.06	100	85	P	V
	*		5580	112.25	-	-	96.65	31.74	12.92	29.06	100	85	A	V
			5757.755	56.14	-12.06	68.2	39.93	32.02	13.21	29.02	100	85	P	V



<b>802.11a</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	115.21	-	-	98.71	31.8	13.73	29.03	210	41	P	H
	*	5700	107.97	-	-	91.47	31.8	13.73	29.03	210	41	A	H
		5725.64	64.15	-4.05	68.2	47.53	31.9	13.75	29.03	210	41	P	H
													H
													H
													H
	*	5700	114	-	-	97.5	31.8	13.73	29.03	355	0	P	V
	*	5700	106.61	-	-	90.11	31.8	13.73	29.03	355	0	A	V
		5725.08	62.52	-5.68	68.2	45.9	31.9	13.75	29.03	355	0	P	V
													V
													V
													V
<b>Remark</b>	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	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		11000	49.74	-24.26	74	50.31	40.4	20.13	61.1	100	0	P	H	
		16500	49.88	-18.32	68.2	45.26	38.8	25.22	59.4	100	0	P	H	
													H	
													H	
			11000	49.82	-24.18	74	50.39	40.4	20.13	61.1	100	0	P	V
			16500	50.24	-17.96	68.2	45.62	38.8	25.22	59.4	100	0	P	V
														V
														V
802.11a CH 116 5580MHz		11160	49.58	-24.42	74	50.77	39.98	19.87	61.04	100	0	P	H	
		16740	56.17	-12.03	68.2	50.94	39.8	24.69	59.26	100	0	P	H	
													H	
													H	
			11160	49.76	-24.24	74	50.95	39.98	19.87	61.04	100	0	P	V
			16740	64.87	-3.33	68.2	59.64	39.8	24.69	59.26	198	151	P	V
														V
														V
802.11a CH 140 5700MHz		11400	49.74	-24.26	74	50.01	40.1	20.57	60.94	100	0	P	H	
		17100	51.78	-16.42	68.2	44.21	40.3	26.25	58.98	100	0	P	H	
													H	
													H	
			11400	49.56	-24.44	74	49.83	40.1	20.57	60.94	100	0	P	V
			17100	51.74	-16.46	68.2	44.17	40.3	26.25	58.98	100	0	P	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 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 100 5500MHz		5458.32	59.88	-14.12	74	43.79	31.62	13.52	29.05	209	45	P	H
		5467.92	66.89	-1.31	68.2	50.78	31.64	13.53	29.06	209	45	P	H
		5459.92	47.93	-6.07	54	31.84	31.62	13.52	29.05	209	45	A	H
	*	5500	118.39	-	-	102.21	31.7	13.56	29.08	209	45	P	H
	*	5500	106.93	-	-	90.75	31.7	13.56	29.08	209	45	A	H
		5438.96	55.67	-18.33	74	39.65	31.56	13.5	29.04	400	20	P	V
		5469.84	61.12	-7.08	68.2	45.01	31.64	13.53	29.06	400	20	P	V
		5460	44.18	-9.82	54	28.09	31.62	13.52	29.05	400	20	A	V
	*	5500	112.35	-	-	96.17	31.7	13.56	29.08	400	20	P	V
	*	5500	101.69	-	-	85.51	31.7	13.56	29.08	400	20	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5432.8	57.1	-16.9	74	41.97	31.53	12.64	29.04	214	25	P	H
		5464.72	59.35	-8.85	68.2	44.08	31.63	12.7	29.06	214	25	P	H
		5459.92	47.01	-6.99	54	31.75	31.62	12.69	29.05	214	25	A	H
	*	5580	124.32	-	-	108.72	31.74	12.92	29.06	214	25	P	H
	*	5580	115.21	-	-	99.61	31.74	12.92	29.06	214	25	A	H
		5737.91	58.37	-9.83	68.2	42.26	31.95	13.18	29.02	214	25	P	H
		5450.32	56.1	-17.9	74	40.87	31.6	12.68	29.05	100	86	P	V
		5468.32	57.78	-10.42	68.2	42.49	31.64	12.71	29.06	100	86	P	V
		5459.92	45.6	-8.4	54	30.34	31.62	12.69	29.05	100	86	A	V
	*	5580	123.43	-	-	107.83	31.74	12.92	29.06	100	86	P	V
	*	5580	114.1	-	-	98.5	31.74	12.92	29.06	100	86	A	V
		5765	56.35	-11.85	68.2	40.12	32.03	13.22	29.02	100	86	P	V



<b>802.11ax HE20 Full CH 140 5700MHz</b>	*	5700	114.83	-	-	98.33	31.8	13.73	29.03	210	44	P	H
	*	5700	104.84	-	-	88.34	31.8	13.73	29.03	210	44	A	H
		5725.16	66.68	-1.52	68.2	50.06	31.9	13.75	29.03	210	44	P	H
													H
													H
													H
	*	5700	112.72	-	-	96.22	31.8	13.73	29.03	353	2	P	V
	*	5700	103.41	-	-	86.91	31.8	13.73	29.03	353	2	A	V
		5725.24	64.79	-3.41	68.2	48.17	31.9	13.75	29.03	353	2	P	V
													V
												V	
												V	
<b>Remark</b>	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	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 100 5500MHz		11000	49.73	-24.27	74	50.3	40.4	20.13	61.1	100	0	P	H	
		16500	50.67	-17.53	68.2	46.05	38.8	25.22	59.4	100	0	P	H	
													H	
													H	
			11000	49.69	-24.31	74	50.26	40.4	20.13	61.1	100	0	P	V
			16500	52.38	-15.82	68.2	47.76	38.8	25.22	59.4	100	0	P	V
														V
802.11ax HE20 Full CH 116 5580MHz		11160	49.84	-24.16	74	50.6	39.98	20.3	61.04	100	0	P	H	
		16740	57.78	-10.42	68.2	51.61	39.8	25.63	59.26	100	0	P	H	
													H	
													H	
			11160	49.88	-24.12	74	50.64	39.98	20.3	61.04	100	0	P	V
			16740	61.43	-6.77	68.2	55.26	39.8	25.63	59.26	207	305	P	V
														V
802.11ax HE20 Full CH 140 5700MHz		11400	49.84	-24.16	74	50.11	40.1	20.57	60.94	100	0	P	H	
		17100	50.99	-17.21	68.2	43.42	40.3	26.25	58.98	100	0	P	H	
													H	
													H	
			11400	49.74	-24.26	74	50.01	40.1	20.57	60.94	100	0	P	V
			17100	52.5	-15.7	68.2	44.93	40.3	26.25	58.98	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 3 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 102 5510MHz		5457.76	61.89	-12.11	74	45.8	31.62	13.52	29.05	210	45	P	H
		5467.36	66.21	-1.99	68.2	50.11	31.63	13.53	29.06	210	45	P	H
		5459.2	51.21	-2.79	54	35.12	31.62	13.52	29.05	210	45	A	H
	*	5510	113.64	-	-	97.44	31.72	13.56	29.08	210	45	P	H
	*	5510	103.16	-	-	86.96	31.72	13.56	29.08	210	45	A	H
		5747.36	58.41	-9.79	68.2	41.67	31.99	13.77	29.02	210	45	P	H
		5457.52	55.66	-18.34	74	39.57	31.62	13.52	29.05	323	20	P	V
		5469.52	60.13	-8.07	68.2	44.02	31.64	13.53	29.06	323	20	P	V
		5458.96	46.97	-7.03	54	30.88	31.62	13.52	29.05	323	20	A	V
	*	5510	107.85	-	-	91.65	31.72	13.56	29.08	323	20	P	V
	*	5510	98.05	-	-	81.85	31.72	13.56	29.08	323	20	A	V
	5747.045	57.31	-10.89	68.2	40.57	31.99	13.77	29.02	323	20	P	V	
802.11ax HE40 Full CH 110 5550MHz		5458	61.03	-12.97	74	44.94	31.62	13.52	29.05	197	22	P	H
		5467.36	66.75	-1.45	68.2	50.65	31.63	13.53	29.06	197	22	P	H
		5459.68	51.73	-2.27	54	35.64	31.62	13.52	29.05	197	22	A	H
	*	5550	117.65	-	-	101.32	31.8	13.6	29.07	197	22	P	H
	*	5550	110.48	-	-	94.15	31.8	13.6	29.07	197	22	A	H
		5752.715	59.1	-9.1	68.2	42.33	32.01	13.78	29.02	197	22	P	H
		5459.92	60.49	-13.51	74	44.4	31.62	13.52	29.05	358	8	P	V
		5462.08	63.6	-4.6	68.2	47.51	31.62	13.52	29.05	358	8	P	V
		5458.96	50.32	-3.68	54	34.23	31.62	13.52	29.05	358	8	A	V
	*	5550	115.91	-	-	99.58	31.8	13.6	29.07	358	8	P	V
	*	5550	109.01	-	-	92.68	31.8	13.6	29.07	358	8	A	V
	5750.195	59.21	-8.99	68.2	42.45	32	13.78	29.02	358	8	P	V	



<b>802.11ax</b> <b>HE40 Full</b> <b>CH 134</b> <b>5670MHz</b>		5416.5	54.9	-19.1	74	38.97	31.47	13.48	29.02	198	46	P	H
		5463.75	54.46	-13.74	68.2	38.37	31.63	13.52	29.06	198	46	P	H
		5456.4	45.82	-8.18	54	29.74	31.61	13.52	29.05	198	46	A	H
	*	5670	113.35	-	-	96.95	31.74	13.7	29.04	198	46	P	H
	*	5670	104.04	-	-	87.64	31.74	13.7	29.04	198	46	A	H
		5732.1	65.94	-2.26	68.2	49.27	31.93	13.76	29.02	198	46	P	H
		5375.9	54.2	-19.8	74	38.47	31.3	13.43	29	212	52	P	V
		5461.65	53.52	-14.68	68.2	37.43	31.62	13.52	29.05	212	52	P	V
		5444.85	44.92	-9.08	54	28.87	31.58	13.51	29.04	212	52	A	V
	*	5670	110.23	-	-	93.83	31.74	13.7	29.04	212	52	P	V
	*	5670	100.63	-	-	84.23	31.74	13.7	29.04	212	52	A	V
		5731.575	63.63	-4.57	68.2	46.96	31.93	13.76	29.02	212	52	P	V
<b>Remark</b>	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	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 102 5510MHz		11020	49.77	-24.23	74	50.37	40.34	20.15	61.09	100	0	P	H
		16530	49.73	-18.47	68.2	44.89	38.95	25.27	59.38	100	0	P	H
													H
													H
		11020	49.81	-24.19	74	50.41	40.34	20.15	61.09	100	0	P	V
		16530	50.92	-17.28	68.2	46.08	38.95	25.27	59.38	100	0	P	V
													V
802.11ax HE40 Full CH 110 5550MHz		11100	49.83	-24.17	74	50.55	40.1	20.24	61.06	100	0	P	H
		16650	56.19	-12.01	68.2	50.58	39.45	25.47	59.31	100	0	P	H
													H
													H
		11100	49.62	-24.38	74	50.34	40.1	20.24	61.06	100	0	P	V
		16650	60.24	-7.96	68.2	54.63	39.45	25.47	59.31	100	0	P	V
													V
802.11ax HE40 Full CH 134 5670MHz		11340	49.82	-24.18	74	50.36	39.92	20.5	60.96	100	0	P	H
		17010	52.64	-15.56	68.2	45.06	40.57	26.1	59.09	100	0	P	H
													H
													H
		11340	49.71	-24.29	74	50.25	39.92	20.5	60.96	100	0	P	V
		17010	51.47	-16.73	68.2	43.89	40.57	26.1	59.09	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 106 5530MHz		5459.68	65.77	-8.23	74	49.68	31.62	13.52	29.05	209	45	P	H
		5467.36	66.94	-1.26	68.2	50.84	31.63	13.53	29.06	209	45	P	H
		5458.96	52.62	-1.38	54	36.53	31.62	13.52	29.05	209	45	A	H
	*	5530	109.86	-	-	93.59	31.76	13.58	29.07	209	45	P	H
	*	5530	100.83	-	-	84.56	31.76	13.58	29.07	209	45	A	H
		5739.485	59.79	-8.41	68.2	43.08	31.96	13.77	29.02	209	45	P	H
		5457.04	57.51	-16.49	74	41.43	31.61	13.52	29.05	211	91	P	V
		5469.76	58.15	-10.05	68.2	42.04	31.64	13.53	29.06	211	91	P	V
		5456.56	47.26	-6.74	54	31.18	31.61	13.52	29.05	211	91	A	V
	*	5530	103.93	-	-	87.66	31.76	13.58	29.07	211	91	P	V
	*	5530	95.77	-	-	79.5	31.76	13.58	29.07	211	91	A	V
		5754.605	57.02	-11.18	68.2	40.25	32.01	13.78	29.02	211	91	P	V
802.11ax HE80 Full CH 122 5610MHz		5437.36	56.77	-17.23	74	41.61	31.55	12.65	29.04	210	29	P	H
		5463.04	56.04	-12.16	68.2	40.77	31.63	12.7	29.06	210	29	P	H
		5453.44	47.82	-6.18	54	32.58	31.61	12.68	29.05	210	29	A	H
	*	5610	111.3	-	-	95.67	31.7	12.98	29.05	210	29	P	H
	*	5610	102.4	-	-	86.77	31.7	12.98	29.05	210	29	A	H
		5726.57	66.24	-1.96	68.2	50.2	31.91	13.16	29.03	210	29	P	H
		5445.28	54.93	-19.07	74	39.72	31.58	12.67	29.04	213	91	P	V
		5463.28	54.98	-13.22	68.2	39.71	31.63	12.7	29.06	213	91	P	V
		5433.04	46.09	-7.91	54	30.96	31.53	12.64	29.04	213	91	A	V
	*	5610	108.01	-	-	92.38	31.7	12.98	29.05	213	91	P	V
	*	5610	99.93	-	-	84.3	31.7	12.98	29.05	213	91	A	V
		5732.87	61.74	-6.46	68.2	45.66	31.93	13.17	29.02	213	91	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	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 106 5530MHz		11060	49.78	-24.22	74	50.44	40.22	20.2	61.08	100	0	P	H	
		16590	52.01	-16.19	68.2	46.74	39.25	25.37	59.35	100	0	P	H	
													H	
													H	
			11060	49.8	-24.2	74	50.46	40.22	20.2	61.08	100	0	P	V
			16590	50.89	-17.31	68.2	45.62	39.25	25.37	59.35	100	0	P	V
														V
802.11ax HE80 Full CH 122 5610MHz		11220	49.92	-24.08	74	50.68	39.88	20.37	61.01	100	0	P	H	
		16830	52.02	-16.18	68.2	45.19	40.25	25.78	59.2	100	0	P	H	
													H	
													H	
			11220	49.73	-24.27	74	50.49	39.88	20.37	61.01	100	0	P	V
			16830	51.65	-16.55	68.2	44.82	40.25	25.78	59.2	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 3 - Straddle Channel**  
**WIFI 802.11a (Band Edge @ 3m)**

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
<b>802.11a CH 144 5720MHz</b>		5454.52	56.44	-17.56	74	41.2	31.61	12.68	29.05	214	24	P	H
		5465.05	54.37	-13.83	68.2	39.1	31.63	12.7	29.06	214	24	P	H
		5459.59	45.81	-8.19	54	30.55	31.62	12.69	29.05	214	24	A	H
	*	5720	120.86	-	-	104.86	31.88	13.15	29.03	214	24	P	H
	*	5720	113.19	-	-	97.19	31.88	13.15	29.03	214	24	A	H
		5872	57.31	-10.89	68.2	40.84	32.14	13.32	28.99	214	24	P	H
		5444.77	54.44	-19.56	74	39.23	31.58	12.67	29.04	100	98	P	V
		5468.56	54.03	-14.17	68.2	38.74	31.64	12.71	29.06	100	98	P	V
		5450.62	45.09	-8.91	54	29.86	31.6	12.68	29.05	100	98	A	V
	*	5720	119.86	-	-	103.86	31.88	13.15	29.03	100	98	P	V
	*	5720	112.02	-	-	96.02	31.88	13.15	29.03	100	98	A	V
		5868	55.66	-12.54	68.2	39.19	32.14	13.32	28.99	100	98	P	V
<b>Remark</b>	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	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		11440	49.63	-24.37	74	49.84	40.1	20.61	60.92	100	0	P	H	
		17160	59.27	-8.93	68.2	51.29	40.54	26.35	58.91	100	0	P	H	
													H	
													H	
			11440	49.86	-24.14	74	50.07	40.1	20.61	60.92	100	0	P	V
			17160	66.67	-1.53	68.2	58.69	40.54	26.35	58.91	194	134	P	V
														V
														V
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	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		5442.82	57.7	-16.3	74	42.51	31.57	12.66	29.04	212	28	P	H
		5460.76	55.89	-12.31	68.2	40.62	31.62	12.7	29.05	212	28	P	H
		5433.07	45.05	-8.95	54	29.92	31.53	12.64	29.04	212	28	A	H
	*	5720	122.48	-	-	106.48	31.88	13.15	29.03	212	28	P	H
	*	5720	112.15	-	-	96.15	31.88	13.15	29.03	212	28	A	H
		5870.25	58.4	-9.8	68.2	41.93	32.14	13.32	28.99	212	28	P	H
		5450.23	55.38	-18.62	74	40.15	31.6	12.68	29.05	354	360	P	V
		5464.27	55.42	-12.78	68.2	40.15	31.63	12.7	29.06	354	360	P	V
		5447.5	42.69	-11.31	54	27.48	31.59	12.67	29.05	354	360	A	V
	*	5720	118.87	-	-	102.87	31.88	13.15	29.03	354	360	P	V
	*	5720	108.66	-	-	92.66	31.88	13.15	29.03	354	360	A	V
		5937.5	57.85	-10.35	68.2	41.11	32.35	13.36	28.97	354	360	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	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		11440	49.85	-24.15	74	50.06	40.1	20.61	60.92	100	0	P	H	
		17160	57.78	-10.42	68.2	49.8	40.54	26.35	58.91	100	0	P	H	
													H	
													H	
			11440	49.88	-24.12	74	50.09	40.1	20.61	60.92	100	0	P	V
			17160	65.75	-2.45	68.2	57.77	40.54	26.35	58.91	194	134	P	V
														V
													V	
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	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		5454.52	55.41	-18.59	74	40.17	31.61	12.68	29.05	212	23	P	H
		5464.27	56.37	-11.83	68.2	41.1	31.63	12.7	29.06	212	23	P	H
		5443.99	46.87	-7.13	54	31.67	31.58	12.66	29.04	212	23	A	H
	*	5710	119.41	-	-	103.46	31.84	13.14	29.03	212	23	P	H
	*	5710	109.25	-	-	93.3	31.84	13.14	29.03	212	23	A	H
		5940.75	57.15	-11.05	68.2	40.4	32.36	13.36	28.97	212	23	P	H
		5454.13	54.24	-19.76	74	39	31.61	12.68	29.05	207	186	P	V
		5469.73	54.01	-14.19	68.2	38.72	31.64	12.71	29.06	207	186	P	V
		5435.8	46.11	-7.89	54	30.96	31.54	12.65	29.04	207	186	A	V
	*	5710	117.32	-	-	101.37	31.84	13.14	29.03	207	186	P	V
	*	5710	107.07	-	-	91.12	31.84	13.14	29.03	207	186	A	V
		5862.5	56	-12.2	68.2	39.55	32.12	13.32	28.99	207	186	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	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		11420	49.79	-24.21	74	50.03	40.1	20.59	60.93	100	0	P	H	
		17130	55.68	-12.52	68.2	47.9	40.42	26.3	58.94	100	0	P	H	
													H	
													H	
			11420	49.93	-24.07	74	50.17	40.1	20.59	60.93	100	0	P	V
			17130	59	-9.2	68.2	51.22	40.42	26.3	58.94	100	0	P	V
														V
													V	
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	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)
<b>802.11ax HE80 Full CH 138 5690MHz</b>		5458.03	59.86	-14.14	74	44.6	31.62	12.69	29.05	209	24	P	H
		5463.88	61.25	-6.95	68.2	45.98	31.63	12.7	29.06	209	24	P	H
		5458.03	50.51	-3.49	54	35.25	31.62	12.69	29.05	209	24	A	H
	*	5690	115.4	-	-	99.55	31.78	13.1	29.03	209	24	P	H
	*	5690	106.64	-	-	90.79	31.78	13.1	29.03	209	24	A	H
		5854	64.11	-4.09	68.2	47.69	32.11	13.31	29	209	24	P	H
		5443.6	57.76	-16.24	74	42.57	31.57	12.66	29.04	217	182	P	V
		5470.12	61.12	-7.08	68.2	45.01	31.64	13.53	29.06	217	182	P	V
		5459.98	49.04	-4.96	54	33.78	31.62	12.69	29.05	217	182	A	V
	*	5690	113.09	-	-	97.24	31.78	13.1	29.03	217	182	P	V
	*	5690	104.42	-	-	88.57	31.78	13.1	29.03	217	182	A	V
	5853	62.13	-6.07	68.2	45.71	32.11	13.31	29	217	182	P	V	
<b>Remark</b>	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	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 138 5690MHz		11380	49.84	-24.16	74	50.21	40.04	20.54	60.95	100	0	P	H	
		17070	53.77	-14.43	68.2	46.2	40.39	26.2	59.02	100	0	P	H	
													H	
													H	
			11380	49.89	-24.11	74	50.26	40.04	20.54	60.95	100	0	P	V
			17070	58.84	-9.36	68.2	51.27	40.39	26.2	59.02	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5149.24	65.46	-8.54	74	50.29	31.7	12.32	28.85	236	258	P	H	
		5149.76	48.08	-5.92	54	32.91	31.7	12.32	28.85	236	258	A	H	
	*	5180	113.8	-	-	98.73	31.58	12.36	28.87	236	258	P	H	
	*	5180	106.68	-	-	91.61	31.58	12.36	28.87	236	258	A	H	
													H	
														H
			5148.98	68.55	-5.45	74	53.38	31.7	12.32	28.85	242	239	P	V
			5149.24	50.18	-3.82	54	35.01	31.7	12.32	28.85	242	239	A	V
	*		5180	115.39	-	-	100.32	31.58	12.36	28.87	242	239	P	V
	*		5180	108.13	-	-	93.06	31.58	12.36	28.87	242	239	A	V
														V
														V
802.11a CH 44 5220MHz		5138.32	55.77	-18.23	74	40.58	31.72	12.31	28.84	387	220	P	H	
		5141.7	46.1	-7.9	54	30.91	31.72	12.31	28.84	387	220	A	H	
	*	5220	115.53	-	-	100.6	31.42	12.41	28.9	387	220	P	H	
	*	5220	108.32	-	-	93.39	31.42	12.41	28.9	387	220	A	H	
			5360.04	53.34	-20.66	74	38.55	31.24	12.54	28.99	387	220	P	H
			5381.6	44.05	-9.95	54	29.16	31.33	12.56	29	387	220	A	H
			5135.2	56.24	-17.76	74	41.05	31.73	12.3	28.84	224	289	P	V
			5145.34	46.83	-7.17	54	31.65	31.71	12.32	28.85	224	289	A	V
	*		5220	117.75	-	-	102.82	31.42	12.41	28.9	224	289	P	V
	*		5220	110.32	-	-	95.39	31.42	12.41	28.9	224	289	A	V
			5384.12	55.01	-18.99	74	40.11	31.34	12.56	29	224	289	P	V
			5376.84	45.45	-8.55	54	30.58	31.31	12.56	29	224	289	A	V



<b>802.11a CH 48 5240MHz</b>		5134.68	56.27	-17.73	74	41.08	31.73	12.3	28.84	385	217	P	H
		5080.34	45.17	-8.83	54	29.98	31.76	12.23	28.8	385	217	A	H
	*	5240	116.49	-	-	101.63	31.34	12.43	28.91	385	217	P	H
	*	5240	109.28	-	-	94.42	31.34	12.43	28.91	385	217	A	H
		5389.44	54.15	-19.85	74	39.23	31.36	12.57	29.01	385	217	P	H
		5351.08	44.35	-9.65	54	29.6	31.2	12.53	28.98	385	217	A	H
		5105.04	55.7	-18.3	74	40.47	31.79	12.26	28.82	220	288	P	V
		5149.24	45.62	-8.38	54	30.45	31.7	12.32	28.85	220	288	A	V
	*	5240	118.63	-	-	103.77	31.34	12.43	28.91	220	288	P	V
	*	5240	111.12	-	-	96.26	31.34	12.43	28.91	220	288	A	V
		5384.68	54.71	-19.29	74	39.8	31.34	12.57	29	220	288	P	V
		5353.32	45.13	-8.87	54	30.36	31.21	12.54	28.98	220	288	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1+2+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 36 5180MHz		10360	57.71	-10.49	68.2	59.8	39.64	19.17	60.9	100	0	P	H
		15540	56.62	-17.38	74	57.01	37.94	24.38	62.71	250	123	P	H
		15540	47.31	-6.69	54	47.7	37.94	24.38	62.71	250	123	A	H
													H
		10360	64.22	-3.98	68.2	66.31	39.64	19.17	60.9	191	234	P	V
		15540	62.26	-11.74	74	62.65	37.94	24.38	62.71	263	165	P	V
		15540	52.28	-1.72	54	52.67	37.94	24.38	62.71	263	165	A	V
802.11a CH 44 5220MHz		10440	60.24	-7.96	68.2	62.09	39.88	19.29	61.02	100	0	P	H
		15660	57.94	-16.06	74	58.23	37.46	24.38	62.13	273	120	P	H
		15660	47.4	-6.6	54	47.69	37.46	24.38	62.13	273	120	A	H
													H
		10440	65.98	-2.22	68.2	67.83	39.88	19.29	61.02	192	235	P	V
		15660	61.44	-12.56	74	61.73	37.46	24.38	62.13	215	162	P	V
		15660	52.53	-1.47	54	52.82	37.46	24.38	62.13	215	162	A	V
802.11a CH 48 5240MHz		10480	60.44	-7.76	68.2	62.2	39.96	19.35	61.07	100	0	P	H
		15720	56.69	-17.31	74	56.86	37.3	24.37	61.84	232	120	P	H
		15720	46.34	-7.66	54	46.51	37.3	24.37	61.84	232	120	A	H
													H
		10480	65.77	-2.43	68.2	67.53	39.96	19.35	61.07	192	236	P	V
		15720	63.56	-10.44	74	63.73	37.3	24.37	61.84	216	164	P	V
		15720	52.28	-1.72	54	52.45	37.3	24.37	61.84	216	164	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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 36 5180MHz		5147.68	62.3	-11.7	74	47.13	31.7	12.32	28.85	397	208	P	H	
		5150	48.96	-5.04	54	33.79	31.7	12.32	28.85	397	208	A	H	
	*	5180	112.29	-	-	97.22	31.58	12.36	28.87	397	208	P	H	
	*	5180	104.26	-	-	89.19	31.58	12.36	28.87	397	208	A	H	
													H	
													H	
			5147.42	63.56	-10.44	74	48.38	31.71	12.32	28.85	241	246	P	V
			5147.94	51.46	-2.54	54	36.29	31.7	12.32	28.85	241	246	A	V
		*	5180	115.69	-	-	100.62	31.58	12.36	28.87	241	246	P	V
		*	5180	107.21	-	-	92.14	31.58	12.36	28.87	241	246	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5143	55.9	-18.1	74	40.72	31.71	12.31	28.84	383	250	P	H	
		5137.02	46.27	-7.73	54	31.08	31.73	12.3	28.84	383	250	A	H	
		* 5220	117.25	-	-	102.32	31.42	12.41	28.9	383	250	P	H	
		* 5220	107.87	-	-	92.94	31.42	12.41	28.9	383	250	A	H	
			5367.6	54.5	-19.5	74	39.67	31.27	12.55	28.99	383	250	P	H
			5374.04	44.65	-9.35	54	29.79	31.3	12.56	29	383	250	A	H
			5141.44	59.09	-14.91	74	43.9	31.72	12.31	28.84	237	245	P	V
			5147.16	49.05	-4.95	54	33.87	31.71	12.32	28.85	237	245	A	V
		*	5220	120.5	-	-	105.57	31.42	12.41	28.9	237	245	P	V
		*	5220	111.05	-	-	96.12	31.42	12.41	28.9	237	245	A	V
		5353.04	55.09	-18.91	74	40.32	31.21	12.54	28.98	237	245	P	V	
		5373.76	45.71	-8.29	54	30.85	31.3	12.56	29	237	245	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5131.3	54.44	-19.56	74	39.24	31.74	12.3	28.84	399	239	P	H
		5150	45.03	-8.97	54	29.86	31.7	12.32	28.85	399	239	A	H
	*	5240	117.73	-	-	102.87	31.34	12.43	28.91	399	239	P	H
	*	5240	108.11	-	-	93.25	31.34	12.43	28.91	399	239	A	H
		5359.48	53.69	-20.31	74	38.9	31.24	12.54	28.99	399	239	P	H
		5353.6	44.35	-9.65	54	29.58	31.21	12.54	28.98	399	239	A	H
		5069.16	56.86	-17.14	74	41.71	31.74	12.21	28.8	221	246	P	V
		5149.76	46.97	-7.03	54	31.8	31.7	12.32	28.85	221	246	A	V
	*	5240	120.13	-	-	105.27	31.34	12.43	28.91	221	246	P	V
	*	5240	111.46	-	-	96.6	31.34	12.43	28.91	221	246	A	V
		5367.32	54.47	-19.53	74	39.64	31.27	12.55	28.99	221	246	P	V
		5355.56	45.39	-8.61	54	30.61	31.22	12.54	28.98	221	246	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3	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 36 5180MHz		10360	59.79	-8.41	68.2	61.88	39.64	19.17	60.9	100	0	P	H
		15540	57.58	-16.42	74	57.97	37.94	24.38	62.71	252	122	P	H
		15540	46.72	-7.28	54	47.11	37.94	24.38	62.71	252	122	A	H
													H
		10360	60.64	-7.56	68.2	62.73	39.64	19.17	60.9	100	0	P	V
		15540	62.35	-11.65	74	62.74	37.94	24.38	62.71	214	169	P	V
		15540	52.3	-1.7	54	52.69	37.94	24.38	62.71	214	169	A	V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	64.45	-3.75	68.2	66.3	39.88	19.29	61.02	302	253	P	H
		15660	57.48	-16.52	74	57.77	37.46	24.38	62.13	232	121	P	H
		15660	47.18	-6.82	54	47.47	37.46	24.38	62.13	232	121	A	H
													H
		10440	66.82	-1.38	68.2	68.67	39.88	19.29	61.02	186	236	P	V
		15660	62.74	-11.26	74	63.03	37.46	24.38	62.13	213	165	P	V
		15660	52.75	-1.25	54	53.04	37.46	24.38	62.13	213	165	A	V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	64.8	-3.4	68.2	66.56	39.96	19.35	61.07	302	255	P	H
		15720	56.49	-17.51	74	56.66	37.3	24.37	61.84	173	118	P	H
		15720	46.19	-7.81	54	46.36	37.3	24.37	61.84	173	118	A	H
													H
		10480	66.93	-1.27	68.2	68.69	39.96	19.35	61.07	186	237	P	V
		15720	62.99	-11.01	74	63.16	37.3	24.37	61.84	214	166	P	V
		15720	52.74	-1.26	54	52.91	37.3	24.37	61.84	214	166	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2+3	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 38 5190MHz		5147.16	59.4	-14.6	74	44.22	31.71	12.32	28.85	399	212	P	H	
		5147.42	50.02	-3.98	54	34.84	31.71	12.32	28.85	399	212	A	H	
	*	5190	108.8	-	-	93.76	31.54	12.38	28.88	399	212	P	H	
	*	5190	100.32	-	-	85.28	31.54	12.38	28.88	399	212	A	H	
		5353.88	52.4	-21.6	74	37.62	31.22	12.54	28.98	399	212	P	H	
		5364.24	42.95	-11.05	54	28.13	31.26	12.55	28.99	399	212	A	H	
		5147.16	61.75	-12.25	74	46.57	31.71	12.32	28.85	227	245	P	V	
		5147.16	52.76	-1.24	54	37.58	31.71	12.32	28.85	227	245	A	V	
	*	5190	111.84	-	-	96.8	31.54	12.38	28.88	227	245	P	V	
	*	5190	102.8	-	-	87.76	31.54	12.38	28.88	227	245	A	V	
		5364.52	52.29	-21.71	74	37.47	31.26	12.55	28.99	227	245	P	V	
		5359.2	43.91	-10.09	54	29.12	31.24	12.54	28.99	227	245	A	V	
	802.11ax HE40 Full CH 46 5230MHz		5141.44	58.66	-15.34	74	43.47	31.72	12.31	28.84	235	266	P	H
			5148.2	49.57	-4.43	54	34.4	31.7	12.32	28.85	235	266	A	H
*		5230	115.49	-	-	100.59	31.38	12.42	28.9	235	266	P	H	
*		5230	106.6	-	-	91.7	31.38	12.42	28.9	235	266	A	H	
		5370.4	55.14	-18.86	74	40.3	31.28	12.55	28.99	235	266	P	H	
		5379.36	46.1	-7.9	54	31.22	31.32	12.56	29	235	266	A	H	
		5147.68	62.27	-11.73	74	47.1	31.7	12.32	28.85	227	246	P	V	
		5150	52.49	-1.51	54	37.32	31.7	12.32	28.85	227	246	A	V	
*		5230	119.07	-	-	104.17	31.38	12.42	28.9	227	246	P	V	
*		5230	109.68	-	-	94.78	31.38	12.42	28.9	227	246	A	V	
	5383.84	56.71	-17.29	74	41.81	31.34	12.56	29	227	246	P	V		
	5378.8	47.82	-6.18	54	32.94	31.32	12.56	29	227	246	A	V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3	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 38 5190MHz		10380	54.63	-13.57	68.2	56.64	39.72	19.2	60.93	100	0	P	H	
		15570	49.86	-24.14	74	50.22	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	55.85	-12.35	68.2	57.86	39.72	19.2	60.93	100	0	P	V
			15570	56.49	-17.51	74	56.85	37.82	24.38	62.56	216	138	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	60.12	-8.08	68.2	61.92	39.92	19.32	61.04	100	0	P	H	
		15690	55.64	-18.36	74	55.92	37.34	24.37	61.99	233	120	P	H	
		15690	45.49	-8.51	54	45.77	37.34	24.37	61.99	233	120	A	H	
													H	
			10460	61.66	-6.54	68.2	63.46	39.92	19.32	61.04	100	0	P	V
			15690	60.25	-13.75	74	60.53	37.34	24.37	61.99	211	166	P	V
			15690	51.49	-2.51	54	51.77	37.34	24.37	61.99	211	166	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5141.44	57.98	-16.02	74	42.79	31.72	12.31	28.84	230	267	P	H
		5147.42	50.15	-3.85	54	34.97	31.71	12.32	28.85	230	267	A	H
	*	5210	104.91	-	-	89.94	31.46	12.4	28.89	230	267	P	H
	*	5210	96.84	-	-	81.87	31.46	12.4	28.89	230	267	A	H
		5380.76	52.88	-21.12	74	38	31.32	12.56	29	230	267	P	H
		5357.24	44.16	-9.84	54	29.38	31.23	12.54	28.99	230	267	A	H
		5132.34	59.62	-14.38	74	44.42	31.74	12.3	28.84	242	247	P	V
		5142.22	52.43	-1.57	54	37.24	31.72	12.31	28.84	242	247	A	V
	*	5210	108.54	-	-	93.57	31.46	12.4	28.89	242	247	P	V
	*	5210	100.06	-	-	85.09	31.46	12.4	28.89	242	247	A	V
		5372.08	53.99	-20.01	74	39.15	31.29	12.55	29	242	247	P	V
		5357.8	45.22	-8.78	54	30.44	31.23	12.54	28.99	242	247	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2+3	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 42 5210MHz		10420	52.16	-16.04	68.2	54.05	39.84	19.26	60.99	100	0	P	H	
		15630	48.3	-25.7	74	48.63	37.58	24.37	62.28	100	0	P	H	
													H	
													H	
			10420	53.86	-14.34	68.2	55.75	39.84	19.26	60.99	100	0	P	V
			15630	52.53	-21.47	74	52.86	37.58	24.37	62.28	216	162	P	V
			15630	42.65	-11.35	54	42.98	37.58	24.37	62.28	216	162	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2+3	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 HE160 Full CH 50 5250MHz		5145.86	54.56	-19.44	74	39.38	31.71	12.32	28.85	294	261	P	H
		5096.2	48.19	-5.81	54	32.96	31.79	12.25	28.81	294	261	A	H
	*	5250	100.45	-	-	85.63	31.3	12.44	28.92	294	261	P	H
	*	5250	92.46	-	-	77.64	31.3	12.44	28.92	294	261	A	H
		5360.04	53.58	-20.42	74	38.79	31.24	12.54	28.99	294	261	P	H
		5350.24	47.02	-6.98	54	32.27	31.2	12.53	28.98	294	261	A	H
		5095.94	58.62	-15.38	74	43.39	31.79	12.25	28.81	235	247	P	V
		5096.2	52.28	-1.72	54	37.05	31.79	12.25	28.81	235	247	A	V
	*	5250	104.73	-	-	89.91	31.3	12.44	28.92	235	247	P	V
	*	5250	97.01	-	-	82.19	31.3	12.44	28.92	235	247	A	V
		5383	55.97	-18.03	74	41.08	31.33	12.56	29	235	247	P	V
		5352.76	49.32	-4.68	54	34.55	31.21	12.54	28.98	235	247	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1+2+3	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 50 5250MHz		10500	50.65	-17.55	68.2	52.36	40	19.39	61.1	100	0	P	H	
		15750	48.29	-25.71	74	48.32	37.3	24.37	61.7	100	0	P	H	
													H	
													H	
			10500	51.64	-16.56	68.2	53.35	40	19.39	61.1	100	0	P	V
			15750	47.88	-26.12	74	47.91	37.3	24.37	61.7	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 2 - 5250~5350MHz**  
**WiFi 802.11a (Band Edge @ 3m)**

WiFi Ant. 1+2+3	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		5097.24	55.48	-18.52	74	40.25	31.79	12.25	28.81	399	212	P	H
		5124.1	45.62	-8.38	54	30.41	31.75	12.29	28.83	399	212	A	H
	*	5260	118.61	-	-	103.78	31.3	12.45	28.92	399	212	P	H
	*	5260	111.43	-	-	96.6	31.3	12.45	28.92	399	212	A	H
		5377.44	54.84	-19.16	74	39.97	31.31	12.56	29	399	212	P	H
		5357.04	44.39	-9.61	54	29.61	31.23	12.54	28.99	399	212	A	H
		5104.38	56.89	-17.11	74	41.66	31.79	12.26	28.82	246	245	P	V
		5097.24	47.35	-6.65	54	32.12	31.79	12.25	28.81	246	245	A	V
	*	5260	118.98	-	-	104.15	31.3	12.45	28.92	246	245	P	V
	*	5260	112.01	-	-	97.18	31.3	12.45	28.92	246	245	A	V
		5353.92	54.38	-19.62	74	39.6	31.22	12.54	28.98	246	245	P	V
		5352	45.36	-8.64	54	30.6	31.21	12.53	28.98	246	245	A	V
802.11a CH 60 5300MHz		5123.08	54.36	-19.64	74	39.15	31.75	12.29	28.83	393	215	P	H
		5142.8	44.5	-9.5	54	29.32	31.71	12.31	28.84	393	215	A	H
	*	5300	114.4	-	-	99.56	31.3	12.49	28.95	393	215	P	H
	*	5300	107.27	-	-	92.43	31.3	12.49	28.95	393	215	A	H
		5394.48	53.63	-20.37	74	38.69	31.38	12.57	29.01	393	215	P	H
		5382	44.51	-9.49	54	29.62	31.33	12.56	29	393	215	A	H
		5146.2	56.23	-17.77	74	41.05	31.71	12.32	28.85	247	245	P	V
		5143.82	45.57	-8.43	54	30.39	31.71	12.31	28.84	247	245	A	V
	*	5300	115.34	-	-	100.5	31.3	12.49	28.95	247	245	P	V
	*	5300	108.26	-	-	93.42	31.3	12.49	28.95	247	245	A	V
		5372.88	54.83	-19.17	74	39.99	31.29	12.55	29	247	245	P	V
		5373.12	45.96	-8.04	54	31.12	31.29	12.55	29	247	245	A	V





<b>802.11a CH 64 5320MHz</b>	*	5320	113.16	-	-	98.36	31.26	12.5	28.96	375	218	P	H
	*	5320	106.03	-	-	91.23	31.26	12.5	28.96	375	218	A	H
		5353.44	56.6	-17.4	74	41.83	31.21	12.54	28.98	375	218	P	H
		5352.8	45.46	-8.54	54	30.69	31.21	12.54	28.98	375	218	A	H
													H
													H
	*	5320	114.6	-	-	99.8	31.26	12.5	28.96	233	240	P	V
	*	5320	107.29	-	-	92.49	31.26	12.5	28.96	233	240	A	V
		5352.64	61.33	-12.67	74	46.56	31.21	12.54	28.98	233	240	P	V
		5352.48	46.9	-7.1	54	32.14	31.21	12.53	28.98	233	240	A	V
													V
													V
<b>Remark</b>	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	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	66.33	-1.87	68.2	68.01	40	19.42	61.1	243	261	P	H
		15780	57.48	-16.52	74	57.37	37.3	24.37	61.56	173	118	P	H
		15780	47.69	-6.31	54	47.58	37.3	24.37	61.56	173	118	A	H
													H
		10520	66.48	-1.72	68.2	68.16	40	19.42	61.1	188	238	P	V
		15780	63.07	-10.93	74	62.96	37.3	24.37	61.56	214	164	P	V
		15780	52.47	-1.53	54	52.36	37.3	24.37	61.56	214	164	A	V
802.11a CH 60 5300MHz		10600	62	-12	74	63.56	40	19.54	61.1	241	261	P	H
		10600	51.74	-2.26	54	53.3	40	19.54	61.1	241	261	A	H
		15899	48.57	-25.43	74	48.09	37.1	24.36	60.98	100	0	P	H
													H
		10600	62.28	-11.72	74	63.84	40	19.54	61.1	172	151	P	V
		10600	52.85	-1.15	54	54.41	40	19.54	61.1	172	151	A	V
		15900	57.76	-16.24	74	57.28	37.1	24.36	60.98	215	163	P	V
802.11a CH 64 5320MHz		10640	61.24	-12.76	74	62.74	40	19.6	61.1	239	261	P	H
		10640	50.95	-3.05	54	52.45	40	19.6	61.1	239	261	A	H
		15960	48.6	-25.4	74	47.89	37.04	24.36	60.69	100	0	P	H
													H
		10640	62.48	-11.52	74	63.98	40	19.6	61.1	172	144	P	V
		10640	52.42	-1.58	54	53.92	40	19.6	61.1	172	144	A	V
		15960	56.9	-17.1	74	56.19	37.04	24.36	60.69	215	163	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 HE20 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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 52 5260MHz		5135.32	55.52	-18.48	74	40.33	31.73	12.3	28.84	400	201	P	H
		5102.34	45.49	-8.51	54	30.25	31.8	12.26	28.82	400	201	A	H
	*	5260	117.9	-	-	103.07	31.3	12.45	28.92	400	201	P	H
	*	5260	109.35	-	-	94.52	31.3	12.45	28.92	400	201	A	H
		5391.84	53.59	-20.41	74	38.66	31.37	12.57	29.01	400	201	P	H
		5350.32	45.06	-8.94	54	30.31	31.2	12.53	28.98	400	201	A	H
		5116.62	56.43	-17.57	74	41.21	31.77	12.28	28.83	235	241	P	V
		5091.46	47.29	-6.71	54	32.08	31.78	12.24	28.81	235	241	A	V
	*	5260	121.34	-	-	106.51	31.3	12.45	28.92	235	241	P	V
	*	5260	112.84	-	-	98.01	31.3	12.45	28.92	235	241	A	V
		5361.84	54.81	-19.19	74	40.01	31.25	12.54	28.99	235	241	P	V
		5350.08	45.84	-8.16	54	31.09	31.2	12.53	28.98	235	241	A	V
802.11ax HE20 Full CH 60 5300MHz		5103.02	54.72	-19.28	74	39.49	31.79	12.26	28.82	396	204	P	H
		5146.2	44.29	-9.71	54	29.11	31.71	12.32	28.85	396	204	A	H
	*	5300	113.68	-	-	98.84	31.3	12.49	28.95	396	204	P	H
	*	5300	104.64	-	-	89.8	31.3	12.49	28.95	396	204	A	H
		5382.48	53.67	-20.33	74	38.78	31.33	12.56	29	396	204	P	H
		5385.6	43.91	-10.09	54	29	31.34	12.57	29	396	204	A	H
		5119.34	55.75	-18.25	74	40.54	31.76	12.28	28.83	230	242	P	V
		5141.1	45.41	-8.59	54	30.22	31.72	12.31	28.84	230	242	A	V
	*	5300	117.65	-	-	102.81	31.3	12.49	28.95	230	242	P	V
	*	5300	108.7	-	-	93.86	31.3	12.49	28.95	230	242	A	V
	5373.36	56.42	-17.58	74	41.58	31.29	12.55	29	230	242	P	V	
	5373.36	46.2	-7.8	54	31.36	31.29	12.55	29	230	242	A	V	



<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	113.59	-	-	98.79	31.26	12.5	28.96	390	208	P	H
	*	5320	104.67	-	-	89.87	31.26	12.5	28.96	390	208	A	H
		5350.72	56.01	-17.99	74	41.26	31.2	12.53	28.98	390	208	P	H
		5350.72	46.12	-7.88	54	31.37	31.2	12.53	28.98	390	208	A	H
													H
													H
	*	5320	116.16	-	-	101.36	31.26	12.5	28.96	218	243	P	V
	*	5320	107.79	-	-	92.99	31.26	12.5	28.96	218	243	A	V
		5351.36	61.24	-12.76	74	46.48	31.21	12.53	28.98	218	243	P	V
		5350.4	47.07	-6.93	54	32.32	31.2	12.53	28.98	218	243	A	V
												V	
												V	
<b>Remark</b>	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	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 52 5260MHz		10520	66.22	-1.98	68.2	67.9	40	19.42	61.1	239	259	P	H	
		15780	55.32	-18.68	74	55.21	37.3	24.37	61.56	169	118	P	H	
		15780	45.86	-8.14	54	45.75	37.3	24.37	61.56	169	118	A	H	
													H	
			10520	66.46	-1.74	68.2	68.14	40	19.42	61.1	165	157	P	V
			15780	62.75	-11.25	74	62.64	37.3	24.37	61.56	215	164	P	V
			15780	52.78	-1.22	54	52.67	37.3	24.37	61.56	215	164	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	61.08	-12.92	74	62.64	40	19.54	61.1	240	261	P	H	
		10600	50.41	-3.59	54	51.97	40	19.54	61.1	240	261	A	H	
		15900	50.46	-23.54	74	49.98	37.1	24.36	60.98	147	115	P	H	
		15900	40.59	-13.41	54	40.11	37.1	24.36	60.98	147	115	A	H	
		10600	62.11	-11.89	74	63.67	40	19.54	61.1	166	151	P	V	
		10600	52.59	-1.41	54	54.15	40	19.54	61.1	166	151	A	V	
		15900	56.18	-17.82	74	55.7	37.1	24.36	60.98	216	160	P	V	
802.11ax HE20 Full CH 64 5320MHz		15900	44.13	-9.87	54	43.65	37.1	24.36	60.98	216	160	A	V	
		10640	60.56	-13.44	74	62.06	40	19.6	61.1	206	256	P	H	
		10640	49.98	-4.02	54	51.48	40	19.6	61.1	206	256	A	H	
		15960	49.55	-24.45	74	48.84	37.04	24.36	60.69	100	0	P	H	
													H	
		10640	62.35	-11.65	74	63.85	40	19.6	61.1	165	151	P	V	
		10640	52.38	-1.62	54	53.88	40	19.6	61.1	165	151	A	V	
Remark		15960	55.2	-18.8	74	54.49	37.04	24.36	60.69	261	165	P	V	
													V	
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.														



**Band 2 5250~5350MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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 54 5270MHz		5148.92	56.3	-17.7	74	41.13	31.7	12.32	28.85	244	260	P	H	
		5138.72	46.96	-7.04	54	31.77	31.72	12.31	28.84	244	260	A	H	
	*	5270	116.3	-	-	101.47	31.3	12.46	28.93	244	260	P	H	
	*	5270	107.63	-	-	92.8	31.3	12.46	28.93	244	260	A	H	
		5352.72	59.92	-14.08	74	45.15	31.21	12.54	28.98	244	260	P	H	
		5352.24	50.29	-3.71	54	35.53	31.21	12.53	28.98	244	260	A	H	
		5115.6	58.67	-15.33	74	43.45	31.77	12.28	28.83	236	239	P	V	
		5100.98	49.18	-4.82	54	33.94	31.8	12.26	28.82	236	239	A	V	
	*	5270	119.77	-	-	104.94	31.3	12.46	28.93	236	239	P	V	
	*	5270	110.91	-	-	96.08	31.3	12.46	28.93	236	239	A	V	
		5352.24	61.76	-12.24	74	47	31.21	12.53	28.98	236	239	P	V	
		5352	52.45	-1.55	54	37.69	31.21	12.53	28.98	236	239	A	V	
	802.11ax HE40 Full CH 62 5310MHz		5146.88	54.39	-19.61	74	39.21	31.71	12.32	28.85	230	256	P	H
			5144.84	45.45	-8.55	54	30.27	31.71	12.32	28.85	230	256	A	H
*		5310	112.47	-	-	97.65	31.28	12.49	28.95	230	256	P	H	
*		5310	102.74	-	-	87.92	31.28	12.49	28.95	230	256	A	H	
		5351.76	60.69	-13.31	74	45.93	31.21	12.53	28.98	230	256	P	H	
		5352.72	49.88	-4.12	54	35.11	31.21	12.54	28.98	230	256	A	H	
		5108.46	55.48	-18.52	74	40.25	31.78	12.27	28.82	229	239	P	V	
		5098.94	46.68	-7.32	54	31.45	31.8	12.25	28.82	229	239	A	V	
*		5310	115.13	-	-	100.31	31.28	12.49	28.95	229	239	P	V	
*		5310	105.64	-	-	90.82	31.28	12.49	28.95	229	239	A	V	
	5352.48	62.88	-11.12	74	48.12	31.21	12.53	28.98	229	239	P	V		
	5352.96	52.46	-1.54	54	37.69	31.21	12.54	28.98	229	239	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	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 54 5270MHz		10540	58.65	-9.55	68.2	60.3	40	19.45	61.1	100	0	P	H	
		15810	54.7	-19.3	74	54.46	37.28	24.37	61.41	173	118	P	H	
		15810	45.15	-8.85	54	44.91	37.28	24.37	61.41	173	118	A	H	
													H	
			10540	59.51	-8.69	68.2	61.16	40	19.45	61.1	100	0	P	V
			15810	59.19	-14.81	74	58.95	37.28	24.37	61.41	213	164	P	V
			15810	50.44	-3.56	54	50.2	37.28	24.37	61.41	213	164	A	V
802.11ax HE40 Full CH 62 5310MHz		10620	58.55	-15.45	74	60.08	40	19.57	61.1	239	260	P	H	
		10620	48.78	-5.22	54	50.31	40	19.57	61.1	239	260	A	H	
		15930	47.03	-26.97	74	46.43	37.07	24.37	60.84	100	0	P	H	
													H	
			10620	60.18	-13.82	74	61.71	40	19.57	61.1	163	153	P	V
			10620	49.85	-4.15	54	51.38	40	19.57	61.1	163	153	A	V
			15930	53.06	-20.94	74	52.46	37.07	24.37	60.84	211	165	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5149.6	55.47	-18.53	74	40.3	31.7	12.32	28.85	232	253	P	H
		5123.42	46.04	-7.96	54	30.83	31.75	12.29	28.83	232	253	A	H
	*	5290	108.74	-	-	93.9	31.3	12.48	28.94	232	253	P	H
	*	5290	100.35	-	-	85.51	31.3	12.48	28.94	232	253	A	H
		5352.48	63.09	-10.91	74	48.33	31.21	12.53	28.98	232	253	P	H
		5352.72	50.22	-3.78	54	35.45	31.21	12.54	28.98	232	253	A	H
		5148.92	57.67	-16.33	74	42.5	31.7	12.32	28.85	233	240	P	V
		5143.14	48.38	-5.62	54	33.2	31.71	12.31	28.84	233	240	A	V
	*	5290	112.05	-	-	97.21	31.3	12.48	28.94	233	240	P	V
	*	5290	103.56	-	-	88.72	31.3	12.48	28.94	233	240	A	V
		5350.08	64.84	-9.16	74	50.09	31.2	12.53	28.98	233	240	P	V
		5352.48	52.62	-1.38	54	37.86	31.21	12.53	28.98	233	240	A	V
<b>Remark</b>	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	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		10500	50.65	-17.55	68.2	52.36	40	19.39	61.1	100	0	P	H
		15750	48.29	-25.71	74	48.32	37.3	24.37	61.7	100	0	A	H
													H
													H
		10500	51.64	-16.56	68.2	53.35	40	19.39	61.1	100	0	P	V
		15750	47.88	-26.12	74	47.91	37.3	24.37	61.7	100	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

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 )	
802.11a CH 36 5180MHz		5150	57.98	-16.02	74	42.81	31.7	12.32	28.85	236	257	P	H	
		5149.76	47.05	-6.95	54	31.88	31.7	12.32	28.85	236	257	A	H	
	*	5180	115.17	-	-	100.1	31.58	12.36	28.87	236	257	P	H	
	*	5180	107.65	-	-	92.58	31.58	12.36	28.87	236	257	A	H	
													H	
														H
			5150	63.85	-10.15	74	48.68	31.7	12.32	28.85	241	244	P	V
			5146.12	48.65	-5.35	54	33.47	31.71	12.32	28.85	241	244	A	V
	*		5180	117.53	-	-	102.46	31.58	12.36	28.87	241	244	P	V
	*		5180	110.02	-	-	94.95	31.58	12.36	28.87	241	244	A	V
														V
														V
802.11a CH 44 5220MHz		5054.6	55.58	-18.42	74	40.47	31.71	12.19	28.79	236	258	P	H	
		5143.52	46.24	-7.76	54	31.06	31.71	12.31	28.84	236	258	A	H	
	*	5220	115.54	-	-	100.61	31.42	12.41	28.9	236	258	P	H	
	*	5220	108.04	-	-	93.11	31.42	12.41	28.9	236	258	A	H	
			5359.2	54.59	-19.41	74	39.8	31.24	12.54	28.99	236	258	P	H
			5383.56	43.95	-10.05	54	29.06	31.33	12.56	29	236	258	A	H
			5133.12	55.23	-18.77	74	40.04	31.73	12.3	28.84	226	298	P	V
			5144.04	46.7	-7.3	54	31.53	31.71	12.31	28.85	226	298	A	V
	*		5220	116.77	-	-	101.84	31.42	12.41	28.9	226	298	P	V
	*		5220	109.56	-	-	94.63	31.42	12.41	28.9	226	298	A	V
			5381.04	54.94	-19.06	74	40.06	31.32	12.56	29	226	298	P	V
			5374.6	44.8	-9.2	54	29.94	31.3	12.56	29	226	298	A	V



<b>802.11a CH 48 5240MHz</b>		5031.72	55.03	-18.97	74	40.01	31.63	12.16	28.77	251	261	P	H
		5143	44.7	-9.3	54	29.52	31.71	12.31	28.84	251	261	A	H
	*	5240	115.38	-	-	100.52	31.34	12.43	28.91	251	261	P	H
	*	5240	107.97	-	-	93.11	31.34	12.43	28.91	251	261	A	H
		5350.8	53.13	-20.87	74	38.38	31.2	12.53	28.98	251	261	P	H
		5351.64	43.82	-10.18	54	29.06	31.21	12.53	28.98	251	261	A	H
		5113.88	56.55	-17.45	74	41.34	31.77	12.27	28.83	224	242	P	V
		5138.32	46.48	-7.52	54	31.29	31.72	12.31	28.84	224	242	A	V
	*	5240	118.28	-	-	103.42	31.34	12.43	28.91	224	242	P	V
	*	5240	110.75	-	-	95.89	31.34	12.43	28.91	224	242	A	V
		5362.28	54.03	-19.97	74	39.23	31.25	12.54	28.99	224	242	P	V
		5355.56	44.65	-9.35	54	29.87	31.22	12.54	28.98	224	242	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 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 36 5180MHz		10360	60.63	-7.57	68.2	62.72	39.64	19.17	60.9	100	0	P	H
		15540	56.6	-17.4	74	56.99	37.94	24.38	62.71	233	122	P	H
		15540	47.93	-6.07	54	48.32	37.94	24.38	62.71	233	122	A	H
													H
		10360	66.84	-1.36	68.2	68.93	39.64	19.17	60.9	188	234	P	V
		15540	63.08	-10.92	74	63.47	37.94	24.38	62.71	210	168	P	V
		15540	52.77	-1.23	54	53.16	37.94	24.38	62.71	210	168	A	V
802.11a CH 44 5220MHz		10440	65.42	-2.78	68.2	67.27	39.88	19.29	61.02	247	260	P	H
		15660	56.89	-17.11	74	57.18	37.46	24.38	62.13	153	118	P	H
		15660	46.49	-7.51	54	46.78	37.46	24.38	62.13	153	118	A	H
													H
		10440	65.95	-2.25	68.2	67.8	39.88	19.29	61.02	189	240	P	V
		15660	63.9	-10.1	74	64.19	37.46	24.38	62.13	213	165	P	V
		15660	52.63	-1.37	54	52.92	37.46	24.38	62.13	213	165	A	V
802.11a CH 48 5240MHz		10480	67.02	-1.18	68.2	68.68	39.96	19.45	61.07	243	261	P	H
		15720	55.92	-18.08	74	57.11	37.3	23.35	61.84	150	117	P	H
		15720	46.03	-7.97	54	47.22	37.3	23.35	61.84	150	117	A	H
													H
		10480	66.42	-1.78	68.2	68.18	39.96	19.35	61.07	189	237	P	V
		15720	61.7	-12.3	74	61.87	37.3	24.37	61.84	272	180	P	V
		15720	51.75	-2.25	54	51.92	37.3	24.37	61.84	272	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (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 36 5180MHz		5149.76	65.68	-8.32	74	50.51	31.7	12.32	28.85	339	257	P	H	
		5150	50.14	-3.86	54	34.97	31.7	12.32	28.85	339	257	A	H	
	*	5180	114.88	-	-	99.81	31.58	12.36	28.87	339	257	P	H	
	*	5180	106.03	-	-	90.96	31.58	12.36	28.87	339	257	A	H	
													H	
														H
			5150	68.65	-5.35	74	53.48	31.7	12.32	28.85	245	243	P	V
			5150	52.42	-1.58	54	37.25	31.7	12.32	28.85	245	243	A	V
		*	5180	118.79	-	-	103.72	31.58	12.36	28.87	245	243	P	V
		*	5180	109.5	-	-	94.43	31.58	12.36	28.87	245	243	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5133.9	58.92	-15.08	74	43.73	31.73	12.3	28.84	380	211	P	H	
		5133.9	46.92	-7.08	54	31.73	31.73	12.3	28.84	380	211	A	H	
		*	5220	116.84	-	-	101.91	31.42	12.41	28.9	380	211	P	H
		*	5220	107.04	-	-	92.11	31.42	12.41	28.9	380	211	A	H
			5365.08	54.75	-19.25	74	39.93	31.26	12.55	28.99	380	211	P	H
			5376.28	43.45	-10.55	54	28.58	31.31	12.56	29	380	211	A	H
			5130.52	58.34	-15.66	74	43.14	31.74	12.3	28.84	223	290	P	V
			5145.34	47.9	-6.1	54	32.72	31.71	12.32	28.85	223	290	A	V
		*	5220	121.08	-	-	106.15	31.42	12.41	28.9	223	290	P	V
		*	5220	111.74	-	-	96.81	31.42	12.41	28.9	223	290	A	V
		5374.32	55.46	-18.54	74	40.6	31.3	12.56	29	223	290	P	V	
		5377.4	45.1	-8.9	54	30.23	31.31	12.56	29	223	290	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5138.84	56.24	-17.76	74	41.05	31.72	12.31	28.84	400	206	P	H
		5150	44.93	-9.07	54	29.76	31.7	12.32	28.85	400	206	A	H
	*	5240	116.65	-	-	101.79	31.34	12.43	28.91	400	206	P	H
	*	5240	107.78	-	-	92.92	31.34	12.43	28.91	400	206	A	H
		5381.88	54.19	-19.81	74	39.3	31.33	12.56	29	400	206	P	H
		5352.2	42.82	-11.18	54	28.06	31.21	12.53	28.98	400	206	A	H
		5131.82	57.3	-16.7	74	42.1	31.74	12.3	28.84	224	243	P	V
		5150	46.17	-7.83	54	31	31.7	12.32	28.85	224	243	A	V
	*	5240	121.08	-	-	106.22	31.34	12.43	28.91	224	243	P	V
	*	5240	112	-	-	97.14	31.34	12.43	28.91	224	243	A	V
		5363.96	54.93	-19.07	74	40.11	31.26	12.55	28.99	224	243	P	V
		5350.8	44.22	-9.78	54	29.47	31.2	12.53	28.98	224	243	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 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 36 5180MHz		10360	59.1	-9.1	68.2	61.19	39.64	18.71	60.9	100	0	P	H	
		15540	57.28	-16.72	74	57.67	37.94	23.82	62.71	234	122	P	H	
		15540	47.11	-6.89	54	47.5	37.94	23.82	62.71	234	122	A	H	
													H	
			10360	65.42	-2.78	68.2	67.51	39.64	18.71	60.9	188	233	P	V
			15540	63.26	-10.74	74	63.65	37.94	23.82	62.71	215	167	P	V
			15540	51.72	-2.28	54	52.11	37.94	23.82	62.71	215	167	A	V
802.11ax HE20 Full CH 44 5220MHz		10440	65.52	-2.68	68.2	67.37	39.88	19.29	61.02	303	255	P	H	
		15660	57.36	-16.64	74	57.65	37.46	24.38	62.13	233	123	P	H	
		15660	46.53	-7.47	54	46.82	37.46	24.38	62.13	233	123	A	H	
													H	
			10440	66.99	-1.21	68.2	68.84	39.88	19.29	61.02	186	235	P	V
			15660	64.1	-9.9	74	64.39	37.46	24.38	62.13	218	162	P	V
			15660	52.16	-1.84	54	52.45	37.46	24.38	62.13	218	162	A	V
802.11ax HE20 Full CH 48 5240MHz		10480	64.78	-3.42	68.2	66.54	39.96	19.35	61.07	242	258	P	H	
		15720	56.52	-17.48	74	56.69	37.3	24.37	61.84	246	123	P	H	
		15720	44.26	-9.74	54	44.43	37.3	24.37	61.84	246	123	A	H	
													H	
			10480	66.72	-1.48	68.2	68.48	39.96	19.35	61.07	188	235	P	V
			15720	61.89	-12.11	74	62.06	37.3	24.37	61.84	218	164	P	V
			15720	51.38	-2.62	54	51.55	37.3	24.37	61.84	218	164	A	V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE40 Full (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 38 5190MHz		5147.42	59.32	-14.68	74	44.14	31.71	12.32	28.85	237	265	P	H
		5147.42	51.79	-2.21	54	36.61	31.71	12.32	28.85	237	265	A	H
	*	5190	109.84	-	-	94.8	31.54	12.38	28.88	237	265	P	H
	*	5190	100.63	-	-	85.59	31.54	12.38	28.88	237	265	A	H
		5405.12	53.43	-20.57	74	38.44	31.42	12.59	29.02	237	265	P	H
		5362	44.76	-9.24	54	29.96	31.25	12.54	28.99	237	265	A	H
		5146.9	60.05	-13.95	74	44.87	31.71	12.32	28.85	229	246	P	V
		5147.42	52.75	-1.25	54	37.57	31.71	12.32	28.85	229	246	A	V
	*	5190	113.35	-	-	98.31	31.54	12.38	28.88	229	246	P	V
	*	5190	104.52	-	-	89.48	31.54	12.38	28.88	229	246	A	V
		5362	53.92	-20.08	74	39.12	31.25	12.54	28.99	229	246	P	V
		5359.2	45.57	-8.43	54	30.78	31.24	12.54	28.99	229	246	A	V
	802.11ax HE40 Full CH 46 5230MHz		5148.2	57.82	-16.18	74	42.65	31.7	12.32	28.85	234	262	P
		5148.2	50.24	-3.76	54	35.07	31.7	12.32	28.85	234	262	A	H
*		5230	116.09	-	-	101.19	31.38	12.42	28.9	234	262	P	H
*		5230	107.42	-	-	92.52	31.38	12.42	28.9	234	262	A	H
		5374.04	54.9	-19.1	74	40.04	31.3	12.56	29	234	262	P	H
		5374.04	46.25	-7.75	54	31.39	31.3	12.56	29	234	262	A	H
		5143	63.46	-10.54	74	48.28	31.71	12.31	28.84	226	245	P	V
		5147.68	52.65	-1.35	54	37.48	31.7	12.32	28.85	226	245	A	V
*		5230	119.38	-	-	104.48	31.38	12.42	28.9	226	245	P	V
*		5230	110.25	-	-	95.35	31.38	12.42	28.9	226	245	A	V
	5383.84	55.84	-18.16	74	40.94	31.34	12.56	29	226	245	P	V	
	5374.32	48.04	-5.96	54	33.18	31.3	12.56	29	226	245	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 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 38 5190MHz		10380	54.75	-13.45	68.2	56.76	39.72	19.2	60.93	100	0	P	H	
		15570	48.7	-25.3	74	49.06	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	57.21	-10.99	68.2	59.22	39.72	19.2	60.93	100	0	P	V
			15570	55.94	-18.06	74	56.3	37.82	24.38	62.56	215	166	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	61.02	-7.18	68.2	62.82	39.92	19.32	61.04	100	0	P	H	
		15690	53.36	-20.64	74	53.64	37.34	24.37	61.99	152	117	P	H	
		15690	44.57	-9.43	54	44.85	37.34	24.37	61.99	152	117	A	H	
													H	
			10460	64.27	-3.93	68.2	66.07	39.92	19.32	61.04	185	232	P	V
			15690	58.97	-15.03	74	59.25	37.34	24.37	61.99	214	166	P	V
			15690	50.39	-3.61	54	50.67	37.34	24.37	61.99	214	166	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax 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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5144.3	59.68	-14.32	74	44.51	31.71	12.31	28.85	228	262	P	H
		5141.7	50.67	-3.33	54	35.48	31.72	12.31	28.84	228	262	A	H
	*	5210	105.85	-	-	90.88	31.46	12.4	28.89	228	262	P	H
	*	5210	97.61	-	-	82.64	31.46	12.4	28.89	228	262	A	H
		5384.68	54.01	-19.99	74	39.1	31.34	12.57	29	228	262	P	H
		5352.76	44.84	-9.16	54	30.07	31.21	12.54	28.98	228	262	A	H
		5145.6	63.73	-10.27	74	48.55	31.71	12.32	28.85	227	245	P	V
		5145.08	52.48	-1.52	54	37.3	31.71	12.32	28.85	227	245	A	V
	*	5210	109.01	-	-	94.04	31.46	12.4	28.89	227	245	P	V
	*	5210	100.33	-	-	85.36	31.46	12.4	28.89	227	245	A	V
		5356.68	54.63	-19.37	74	39.85	31.23	12.54	28.99	227	245	P	V
		5355	45.18	-8.82	54	30.4	31.22	12.54	28.98	227	245	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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)	
802.11ax HE80 Full CH 42 5210MHz		10420	53.93	-14.27	68.2	55.82	39.84	19.26	60.99	100	0	P	H	
		15630	48.23	-25.77	74	48.56	37.58	24.37	62.28	100	0	P	H	
													H	
													H	
			10420	54.94	-13.26	68.2	56.83	39.84	19.26	60.99	100	0	P	V
			15630	48.97	-25.03	74	49.3	37.58	24.37	62.28	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE160 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 HE160 Full CH 50 5250MHz		5093.6	56.11	-17.89	74	40.88	31.79	12.25	28.81	293	258	P	H
		5093.86	48.52	-5.48	54	33.29	31.79	12.25	28.81	293	258	A	H
	*	5250	102.55	-	-	87.73	31.3	12.44	28.92	293	258	P	H
	*	5250	95	-	-	80.18	31.3	12.44	28.92	293	258	A	H
		5361.44	54.87	-19.13	74	40.07	31.25	12.54	28.99	293	258	P	H
		5352.48	48.1	-5.9	54	33.34	31.21	12.53	28.98	293	258	A	H
		5095.94	57.69	-16.31	74	42.46	31.79	12.25	28.81	236	242	P	V
		5096.2	52.73	-1.27	54	37.5	31.79	12.25	28.81	236	242	A	V
	*	5250	106.86	-	-	92.04	31.3	12.44	28.92	236	242	P	V
	*	5250	98.12	-	-	83.3	31.3	12.44	28.92	236	242	A	V
		5352.48	55.94	-18.06	74	41.18	31.21	12.53	28.98	236	242	P	V
		5352.76	51.45	-2.55	54	36.68	31.21	12.54	28.98	236	242	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz  
WIFI 802.11ax HE160 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)
802.11ax HE160 Full		10500	49.82	-18.38	68.2	51.53	40	19.39	61.1	100	0	P	H
		15750	46.94	-27.06	74	46.97	37.3	24.37	61.7	100	0	P	H
													H
													H
CH 50 5250MHz		10500	54.33	-13.87	68.2	56.04	40	19.39	61.1	100	0	P	V
		15750	47.64	-26.36	74	47.67	37.3	24.37	61.7	100	0	P	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 (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)
<b>802.11a CH 52 5260MHz</b>		5149.94	54.31	-19.69	74	39.14	31.7	12.32	28.85	400	206	P	H
		5128.52	43.67	-10.33	54	28.47	31.74	12.29	28.83	400	206	A	H
	*	5260	113.42	-	-	98.59	31.3	12.45	28.92	400	206	P	H
	*	5260	106.09	-	-	91.26	31.3	12.45	28.92	400	206	A	H
		5352.48	52.63	-21.37	74	37.87	31.21	12.53	28.98	400	206	P	H
		5350.32	40.98	-13.02	54	26.23	31.2	12.53	28.98	400	206	A	H
		5149.26	55.23	-18.77	74	40.06	31.7	12.32	28.85	235	249	P	V
		5097.58	45.18	-8.82	54	29.94	31.8	12.25	28.81	235	249	A	V
	*	5260	115.41	-	-	100.58	31.3	12.45	28.92	235	249	P	V
	*	5260	107.84	-	-	93.01	31.3	12.45	28.92	235	249	A	V
		5359.68	52.75	-21.25	74	37.96	31.24	12.54	28.99	235	249	P	V
		5350.08	42.17	-11.83	54	27.42	31.2	12.53	28.98	235	249	A	V
<b>802.11a CH 60 5300MHz</b>		5146.2	53.75	-20.25	74	38.57	31.71	12.32	28.85	395	205	P	H
		5143.82	42.78	-11.22	54	27.6	31.71	12.31	28.84	395	205	A	H
	*	5300	110.17	-	-	95.33	31.3	12.49	28.95	395	205	P	H
	*	5300	103.23	-	-	88.39	31.3	12.49	28.95	395	205	A	H
		5383.2	52.17	-21.83	74	37.28	31.33	12.56	29	395	205	P	H
		5384.4	41.58	-12.42	54	26.67	31.34	12.57	29	395	205	A	H
		5141.1	54.39	-19.61	74	39.2	31.72	12.31	28.84	221	240	P	V
		5127.5	43.71	-10.29	54	28.5	31.75	12.29	28.83	221	240	A	V
	*	5300	111.18	-	-	96.34	31.3	12.49	28.95	221	240	P	V
	*	5300	104.53	-	-	89.69	31.3	12.49	28.95	221	240	A	V
		5373.84	53.06	-20.94	74	38.2	31.3	12.56	29	221	240	P	V
		5384.64	42.7	-11.3	54	27.79	31.34	12.57	29	221	240	A	V



<b>802.11a</b>  <b>CH 64</b>  <b>5320MHz</b>	*	5320	108.55	-	-	93.75	31.26	12.5	28.96	369	211	P	H
	*	5320	102.45	-	-	87.65	31.26	12.5	28.96	369	211	A	H
		5352.48	54.4	-19.6	74	39.64	31.21	12.53	28.98	369	211	P	H
		5352	42.21	-11.79	54	27.45	31.21	12.53	28.98	369	211	A	H
													H
													H
	*	5320	109.68	-	-	94.88	31.26	12.5	28.96	244	242	P	V
	*	5320	103.94	-	-	89.14	31.26	12.5	28.96	244	242	A	V
		5351.68	54.64	-19.36	74	39.88	31.21	12.53	28.98	244	242	P	V
		5355.36	42.63	-11.37	54	27.85	31.22	12.54	28.98	244	242	A	V
													V
													V
<b>Remark</b>	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	64.01	-4.19	68.2	65.69	40	19.42	61.1	301	256	P	H
		15780	54.02	-19.98	74	53.91	37.3	24.37	61.56	300	118	P	H
		15780	45.99	-8.01	54	45.88	37.3	24.37	61.56	300	118	A	H
													H
		10520	64.74	-3.46	68.2	66.42	40	19.42	61.1	164	154	P	V
		15780	64.35	-9.65	74	64.24	37.3	24.37	61.56	215	164	P	V
		15780	52.66	-1.34	54	52.55	37.3	24.37	61.56	215	164	A	V
802.11a CH 60 5300MHz		10600	61.6	-12.4	74	63.16	40	19.54	61.1	242	260	P	H
		10600	51.51	-2.49	54	53.07	40	19.54	61.1	242	260	A	H
		15900	51.13	-22.87	74	50.65	37.1	24.36	60.98	299	119	P	H
		15900	40.63	-13.37	54	40.15	37.1	24.36	60.98	299	119	A	H
		10600	62.98	-11.02	74	64.54	40	19.54	61.1	167	154	P	V
		10600	52.68	-1.32	54	54.24	40	19.54	61.1	167	154	A	V
		15900	58.99	-15.01	74	58.51	37.1	24.36	60.98	216	162	P	V
		15900	47.27	-6.73	54	46.79	37.1	24.36	60.98	216	162	A	V
802.11a CH 64 5320MHz		10640	62.45	-11.55	74	63.95	40	19.6	61.1	210	256	P	H
		10640	51.65	-2.35	54	53.15	40	19.6	61.1	210	256	A	H
		15960	52.84	-21.16	74	52.13	37.04	24.36	60.69	299	120	P	H
		15960	41.48	-12.52	54	40.77	37.04	24.36	60.69	299	120	A	H
		10640	62.68	-11.32	74	64.18	40	19.6	61.1	170	151	P	V
		10640	52.75	-1.25	54	54.25	40	19.6	61.1	170	151	A	V
		15960	58.58	-15.42	74	57.87	37.04	24.36	60.69	154	165	P	V
		15960	46.22	-7.78	54	45.51	37.04	24.36	60.69	154	165	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 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 52 5260MHz		5056.1	53.6	-20.4	74	38.48	31.71	12.2	28.79	398	205	P	H
		5106.76	43.33	-10.67	54	28.1	31.79	12.26	28.82	398	205	A	H
	*	5260	115.27	-	-	100.44	31.3	12.45	28.92	398	205	P	H
	*	5260	106.37	-	-	91.54	31.3	12.45	28.92	398	205	A	H
		5353.92	52.35	-21.65	74	37.57	31.22	12.54	28.98	398	205	P	H
		5350.08	42.61	-11.39	54	27.86	31.2	12.53	28.98	398	205	A	H
		5091.46	54.56	-19.44	74	39.35	31.78	12.24	28.81	218	244	P	V
		5096.22	45.29	-8.71	54	30.06	31.79	12.25	28.81	218	244	A	V
	*	5260	119.56	-	-	104.73	31.3	12.45	28.92	218	244	P	V
	*	5260	110.38	-	-	95.55	31.3	12.45	28.92	218	244	A	V
		5352.48	52.78	-21.22	74	38.02	31.21	12.53	28.98	218	244	P	V
		5350.08	42.63	-11.37	54	27.88	31.2	12.53	28.98	218	244	A	V
802.11ax HE20 Full CH 60 5300MHz		5057.8	52.36	-21.64	74	37.23	31.72	12.2	28.79	394	212	P	H
		5146.88	41.92	-12.08	54	26.74	31.71	12.32	28.85	394	212	A	H
	*	5300	111.14	-	-	96.3	31.3	12.49	28.95	394	212	P	H
	*	5300	102.47	-	-	87.63	31.3	12.49	28.95	394	212	A	H
		5375.52	52.23	-21.77	74	37.37	31.3	12.56	29	394	212	P	H
		5375.28	40.61	-13.39	54	25.75	31.3	12.56	29	394	212	A	H
		5122.4	53.71	-20.29	74	38.49	31.76	12.29	28.83	220	242	P	V
		5136.34	43.03	-10.97	54	27.84	31.73	12.3	28.84	220	242	A	V
	*	5300	115.79	-	-	100.95	31.3	12.49	28.95	220	242	P	V
	*	5300	105.9	-	-	91.06	31.3	12.49	28.95	220	242	A	V
	5372.16	54.34	-19.66	74	39.5	31.29	12.55	29	220	242	P	V	
	5378.4	43.27	-10.73	54	28.4	31.31	12.56	29	220	242	A	V	



<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	111.66	-	-	96.86	31.26	12.5	28.96	369	251	P	H
	*	5320	103.07	-	-	88.27	31.26	12.5	28.96	369	251	A	H
		5351.52	56.91	-17.09	74	42.15	31.21	12.53	28.98	369	251	P	H
		5350.88	45.35	-8.65	54	30.6	31.2	12.53	28.98	369	251	A	H
													H
													H
	*	5320	113.78	-	-	98.98	31.26	12.5	28.96	215	242	P	V
	*	5320	106.46	-	-	91.66	31.26	12.5	28.96	215	242	A	V
		5353.12	60.43	-13.57	74	45.66	31.21	12.54	28.98	215	242	P	V
		5352.96	45.71	-8.29	54	30.94	31.21	12.54	28.98	215	242	A	V
												V	
												V	
<b>Remark</b>	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 )	
802.11ax HE20 Full CH 52 5260MHz		10520	65.81	-2.39	68.2	67.49	40	19.42	61.1	209	255	P	H	
		15780	55.97	-18.03	74	55.86	37.3	24.37	61.56	234	120	P	H	
		15780	45.74	-8.26	54	45.63	37.3	24.37	61.56	234	120	A	H	
													H	
			10520	65.97	-2.23	68.2	67.65	40	19.42	61.1	165	153	P	V
			15780	62.82	-11.18	74	62.71	37.3	24.37	61.56	216	165	P	V
			15780	52.73	-1.27	54	52.62	37.3	24.37	61.56	216	165	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	62.17	-11.83	74	63.73	40	19.54	61.1	209	256	P	H	
		10600	51.35	-2.65	54	52.91	40	19.54	61.1	209	256	A	H	
		15900	53.26	-20.74	74	52.78	37.1	24.36	60.98	300	119	P	H	
			15900	42.48	-11.52	54	42	37.1	24.36	60.98	300	119	A	H
			10600	64.16	-9.84	74	65.72	40	19.54	61.1	164	151	P	V
			10600	52.74	-1.26	54	54.3	40	19.54	61.1	164	151	A	V
			15900	61.48	-12.52	74	61	37.1	24.36	60.98	214	163	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	63.14	-10.86	74	64.64	40	19.6	61.1	239	258	P	H	
		10640	51.17	-2.83	54	52.67	40	19.6	61.1	239	258	A	H	
		15960	53.26	-20.74	74	52.55	37.04	24.36	60.69	251	119	P	H	
			15960	41.3	-12.7	54	40.59	37.04	24.36	60.69	251	119	A	H
			10640	63.78	-10.22	74	65.28	40	19.6	61.1	166	153	P	V
			10640	52.9	-1.1	54	54.4	40	19.6	61.1	166	153	A	V
			15960	58.52	-15.48	74	57.81	37.04	24.36	60.69	211	162	P	V
		15960	45.82	-8.18	54	45.11	37.04	24.36	60.69	211	162	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 (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 54 5270MHz		5147.56	55.3	-18.7	74	40.13	31.7	12.32	28.85	380	254	P	H	
		5148.58	46.96	-7.04	54	31.79	31.7	12.32	28.85	380	254	A	H	
	*	5270	117.55	-	-	102.72	31.3	12.46	28.93	380	254	P	H	
	*	5270	108.89	-	-	94.06	31.3	12.46	28.93	380	254	A	H	
		5350.08	61.9	-12.1	74	47.15	31.2	12.53	28.98	380	254	P	H	
		5350.08	51.53	-2.47	54	36.78	31.2	12.53	28.98	380	254	A	H	
		5101.32	58.41	-15.59	74	43.17	31.8	12.26	28.82	211	241	P	V	
		5106.08	49.07	-4.93	54	33.84	31.79	12.26	28.82	211	241	A	V	
	*	5270	120.03	-	-	105.2	31.3	12.46	28.93	211	241	P	V	
	*	5270	110.96	-	-	96.13	31.3	12.46	28.93	211	241	A	V	
		5353.68	59.98	-14.02	74	45.21	31.21	12.54	28.98	211	241	P	V	
		5352.24	51.85	-2.15	54	37.09	31.21	12.53	28.98	211	241	A	V	
	802.11ax HE40 Full CH 62 5310MHz		5059.84	54.51	-19.49	74	39.38	31.72	12.2	28.79	340	253	P	H
			5136	45.53	-8.47	54	30.34	31.73	12.3	28.84	340	253	A	H
*		5310	112.88	-	-	98.06	31.28	12.49	28.95	340	253	P	H	
*		5310	103.26	-	-	88.44	31.28	12.49	28.95	340	253	A	H	
		5353.2	60.47	-13.53	74	45.7	31.21	12.54	28.98	340	253	P	H	
		5352.96	50.33	-3.67	54	35.56	31.21	12.54	28.98	340	253	A	H	
		5098.94	55.34	-18.66	74	40.11	31.8	12.25	28.82	222	240	P	V	
		5136	46.94	-7.06	54	31.75	31.73	12.3	28.84	222	240	A	V	
*		5310	115.75	-	-	100.93	31.28	12.49	28.95	222	240	P	V	
*		5310	105.64	-	-	90.82	31.28	12.49	28.95	222	240	A	V	
		5352.48	62.62	-11.38	74	47.86	31.21	12.53	28.98	222	240	P	V	
	5352.96	51.75	-2.25	54	36.98	31.21	12.54	28.98	222	240	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 )	
802.11ax HE40 Full CH 54 5270MHz		10540	60.14	-8.06	68.2	61.79	40	19.45	61.1	100	0	P	H	
		15810	55.44	-18.56	74	55.2	37.28	24.37	61.41	171	118	P	H	
		15810	45.07	-8.93	54	44.83	37.28	24.37	61.41	171	118	A	H	
													H	
			10540	61.25	-6.95	68.2	62.9	40	19.45	61.1	100	0	P	V
			15810	60.02	-13.98	74	59.78	37.28	24.37	61.41	209	166	P	V
			15810	49.91	-4.09	54	49.67	37.28	24.37	61.41	209	166	A	V
802.11ax HE40 Full CH 62 5310MHz		10620	58.1	-15.9	74	59.63	40	19.57	61.1	239	254	P	H	
		10620	48.84	-5.16	54	50.37	40	19.57	61.1	239	254	A	H	
		15930	46.83	-27.17	74	46.23	37.07	24.37	60.84	100	0	P	H	
													H	
			10620	58.9	-15.1	74	60.43	40	19.57	61.1	174	151	P	V
			10620	49.86	-4.14	54	51.39	40	19.57	61.1	174	151	A	V
			15930	49.91	-24.09	74	49.31	37.07	24.37	60.84	100	0	P	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 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		5145.52	54.6	-19.4	74	39.42	31.71	12.32	28.85	231	259	P	H
		5135.32	46	-8	54	30.81	31.73	12.3	28.84	231	259	A	H
	*	5290	108.96	-	-	94.12	31.3	12.48	28.94	231	259	P	H
	*	5290	100.32	-	-	85.48	31.3	12.48	28.94	231	259	A	H
		5365.92	57.54	-16.46	74	42.72	31.26	12.55	28.99	231	259	P	H
		5352.72	48.8	-5.2	54	34.03	31.21	12.54	28.98	231	259	A	H
		5127.5	56.5	-17.5	74	41.29	31.75	12.29	28.83	237	242	P	V
		5145.52	48.25	-5.75	54	33.07	31.71	12.32	28.85	237	242	A	V
	*	5290	112.52	-	-	97.68	31.3	12.48	28.94	237	242	P	V
	*	5290	103.66	-	-	88.82	31.3	12.48	28.94	237	242	A	V
		5352.96	60.35	-13.65	74	45.58	31.21	12.54	28.98	237	242	P	V
	5352.96	52.68	-1.32	54	37.91	31.21	12.54	28.98	237	242	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)	
802.11ax HE80 Full CH 58 5290MHz		10580	52.48	-15.72	68.2	54.07	40	19.51	61.1	100	0	P	H	
		15870	47.08	-26.92	74	46.67	37.16	24.37	61.12	100	0	A	H	
													H	
													H	
			10580	54.01	-14.19	68.2	55.6	40	19.51	61.1	100	0	P	V
			15870	48.77	-25.23	74	48.36	37.16	24.37	61.12	100	0	A	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11a (SHF @ 3m)

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)	
802.11a SHF		21696	39.45	-28.75	68.2	42.48	37.96	12.47	53.46	150	0	P	H	
		38152	46.77	-21.43	68.2	39.59	43.37	19.78	55.97	150	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			22202	39.72	-34.28	74	42.21	38.22	12.73	53.44	150	0	P	V
			30606	43.46	-24.74	68.2	41.4	40.46	16.84	55.24	150	0	P	V
														V
														V
														V
														V
														V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													





Emission below 1GHz

WIFI 802.11a (LF @ 3m)

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 )	
802.11a LF		30.97	21.5	-18.5	40	28.95	24.09	0.67	32.21	-	-	P	H	
		99.84	19.09	-24.41	43.5	34.07	15.76	1.51	32.25	-	-	P	H	
		128.94	24.08	-19.42	43.5	37.02	17.56	1.77	32.27	-	-	P	H	
		173.56	25.45	-18.05	43.5	40.39	15.27	2.09	32.3	100	0	P	H	
		254.07	22.31	-23.69	46	32.89	19.13	2.63	32.34	-	-	P	H	
		395.69	22.38	-23.62	46	29.58	21.69	3.32	32.21	-	-	P	H	
														H
														H
														H
														H
														H
														H
			38.73	27.62	-12.38	40	39.06	20.07	0.79	32.3	-	-	P	V
			128.94	22.4	-21.1	43.5	35.34	17.56	1.77	32.27	-	-	P	V
			174.53	24.38	-19.12	43.5	39.37	15.21	2.1	32.3	-	-	P	V
			421.88	24.25	-21.75	46	30.28	22.72	3.43	32.18	-	-	P	V
			549.92	29.45	-16.55	46	32.23	25.26	3.97	32.01	-	-	P	V
			953.44	33.89	-12.11	46	28.96	30.83	5.39	31.29	100	0	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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”.**



<TXBF Mode>

Band 1 - 5150~5250MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Full CH 36 5180MHz		5147.42	58.96	-15.04	74	43.78	31.71	12.32	28.85	100	232	P	H	
		5149.5	48.15	-5.85	54	32.98	31.7	12.32	28.85	100	232	A	H	
	*	5180	110.58	-	-	95.51	31.58	12.36	28.87	100	232	P	H	
	*	5180	102.65	-	-	87.58	31.58	12.36	28.87	100	232	A	H	
													H	
			5148.72	60.56	-13.44	74	45.39	31.7	12.32	28.85	210	293	P	V
			5149.76	49.83	-4.17	54	34.66	31.7	12.32	28.85	210	293	A	V
	*		5180	113.77	-	-	98.7	31.58	12.36	28.87	210	293	P	V
	*		5180	105.95	-	-	90.88	31.58	12.36	28.87	210	293	A	V
													V	
802.11ax HE20 Full CH 44 5220MHz		5149.24	58.86	-15.14	74	43.69	31.7	12.32	28.85	399	252	P	H	
		5147.42	48.45	-5.55	54	33.27	31.71	12.32	28.85	399	252	A	H	
	*	5220	119.14	-	-	104.21	31.42	12.41	28.9	399	252	P	H	
	*	5220	113.66	-	-	98.73	31.42	12.41	28.9	399	252	A	H	
			5377.4	56.97	-17.03	74	42.1	31.31	12.56	29	399	252	P	H
			5377.12	46.08	-7.92	54	31.21	31.31	12.56	29	399	252	A	H
			5145.34	59	-15	74	43.82	31.71	12.32	28.85	210	295	P	V
			5148.98	49.82	-4.18	54	34.65	31.7	12.32	28.85	210	295	A	V
	*		5220	120.97	-	-	106.04	31.42	12.41	28.9	210	295	P	V
	*		5220	113.82	-	-	98.89	31.42	12.41	28.9	210	295	A	V
			5352.48	56.47	-17.53	74	41.71	31.21	12.53	28.98	210	295	P	V
		5375.16	47.28	-6.72	54	32.42	31.3	12.56	29	210	295	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5150	58.35	-15.65	74	42.45	31.7	13.05	28.85	396	229	P	H
		5150	48.71	-5.29	54	32.81	31.7	13.05	28.85	396	229	A	H
	*	5240	121.1	-	-	105.49	31.34	13.18	28.91	396	229	P	H
	*	5240	113.47	-	-	97.86	31.34	13.18	28.91	396	229	A	H
		5407.36	55.42	-18.58	74	39.53	31.43	13.48	29.02	396	229	P	H
		5353.32	46.23	-7.77	54	30.61	31.21	13.39	28.98	396	229	A	H
		5150	59.96	-14.04	74	44.06	31.7	13.05	28.85	257	250	P	V
		5150	51.3	-2.7	54	35.4	31.7	13.05	28.85	257	250	A	V
	*	5240	121.91	-	-	106.3	31.34	13.18	28.91	257	250	P	V
	*	5240	114.2	-	-	98.59	31.34	13.18	28.91	257	250	A	V
		5351.64	56.28	-17.72	74	40.67	31.21	13.38	28.98	257	250	P	V
		5350	47.74	-6.26	54	32.14	31.2	13.38	28.98	257	250	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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 36 5180MHz		10360	49.36	-18.84	68.2	51.45	39.64	19.17	60.9	100	0	P	H
		15540	48.53	-25.47	74	48.92	37.94	24.38	62.71	100	0	P	H
													H
													H
		10360	50.05	-18.15	68.2	52.14	39.64	19.17	60.9	100	0	P	V
		15540	48.72	-25.28	74	49.11	37.94	24.38	62.71	100	0	P	V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	56.66	-11.54	68.2	58.37	39.88	19.43	61.02	100	0	P	H
		15660	49.28	-24.72	74	50.63	37.46	23.32	62.13	100	0	P	H
													H
													H
		10440	56.79	-11.41	68.2	58.5	39.88	19.43	61.02	100	0	P	V
		15660	52.41	-21.59	74	53.76	37.46	23.32	62.13	140	20	P	V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	56.64	-11.56	68.2	58.3	39.96	19.45	61.07	100	0	P	H
		15720	53.96	-20.04	74	55.15	37.3	23.35	61.84	172	118	P	H
		15720	44.93	-9.07	54	46.12	37.3	23.35	61.84	172	118	A	H
													H
		10480	57.14	-11.06	68.2	58.8	39.96	19.45	61.07	100	0	P	V
		15720	56.35	-17.65	74	57.54	37.3	23.35	61.84	151	19	P	V
		15720	48.07	-5.93	54	49.26	37.3	23.35	61.84	151	19	A	V
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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 38 5190MHz		5146.64	57.68	-16.32	74	42.5	31.71	12.32	28.85	100	217	P	H
		5150	49.09	-4.91	54	33.92	31.7	12.32	28.85	100	217	A	H
	*	5190	105.91	-	-	90.87	31.54	12.38	28.88	100	217	P	H
	*	5190	100.83	-	-	85.79	31.54	12.38	28.88	100	217	A	H
		5436.2	54.3	-19.7	74	39.15	31.54	12.65	29.04	100	217	P	H
		5451.04	44.23	-9.77	54	29	31.6	12.68	29.05	100	217	A	H
		5147.94	59.19	-14.81	74	44.02	31.7	12.32	28.85	214	289	P	V
		5149.76	50.18	-3.82	54	35.01	31.7	12.32	28.85	214	289	A	V
	*	5190	109.31	-	-	94.27	31.54	12.38	28.88	214	289	P	V
	*	5190	104.44	-	-	89.4	31.54	12.38	28.88	214	289	A	V
		5363.96	54.52	-19.48	74	39.7	31.26	12.55	28.99	214	289	P	V
		5353.6	45.16	-8.84	54	30.39	31.21	12.54	28.98	214	289	A	V
	802.11ax HE40 Full CH 46 5230MHz		5149.76	58.19	-15.81	74	43.02	31.7	12.32	28.85	100	229	P
		5150	50.1	-3.9	54	34.93	31.7	12.32	28.85	100	229	A	H
*		5230	112.34	-	-	97.44	31.38	12.42	28.9	100	229	P	H
*		5230	105.61	-	-	90.71	31.38	12.42	28.9	100	229	A	H
		5354.44	54.08	-19.92	74	39.3	31.22	12.54	28.98	100	229	P	H
		5360.32	45.65	-8.35	54	30.86	31.24	12.54	28.99	100	229	A	H
		5149.76	59.45	-14.55	74	44.28	31.7	12.32	28.85	221	291	P	V
		5149.24	51.02	-2.98	54	35.85	31.7	12.32	28.85	221	291	A	V
*		5230	117.26	-	-	102.36	31.38	12.42	28.9	221	291	P	V
*		5230	110.73	-	-	95.83	31.38	12.42	28.9	221	291	A	V
	5371.24	56.74	-17.26	74	41.91	31.28	12.55	29	221	291	P	V	
	5350	47.64	-6.36	54	32.89	31.2	12.53	28.98	221	291	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	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 38 5190MHz		10380	49.24	-18.96	68.2	51.25	39.72	19.2	60.93	100	0	P	H	
		15570	48.09	-25.91	74	48.45	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	49.85	-18.35	68.2	51.86	39.72	19.2	60.93	100	0	P	V
			15570	48.14	-25.86	74	48.5	37.82	24.38	62.56	100	0	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	51.58	-16.62	68.2	53.38	39.92	19.32	61.04	100	0	P	H	
		15690	46.95	-27.05	74	47.23	37.34	24.37	61.99	100	0	P	H	
													H	
													H	
			10460	50.5	-17.7	68.2	52.3	39.92	19.32	61.04	100	0	P	V
			15690	48.03	-25.97	74	48.31	37.34	24.37	61.99	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													





**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 42 5210MHz		5144.56	57.54	-16.46	74	42.36	31.71	12.32	28.85	100	228	P	H
		5148.72	49.04	-4.96	54	33.87	31.7	12.32	28.85	100	228	A	H
	*	5210	103.67	-	-	88.7	31.46	12.4	28.89	100	228	P	H
	*	5210	95.08	-	-	80.11	31.46	12.4	28.89	100	228	A	H
		5398.96	53.86	-20.14	74	38.89	31.4	12.58	29.01	100	228	P	H
		5357.52	44.3	-9.7	54	29.52	31.23	12.54	28.99	100	228	A	H
		5148.2	59.44	-14.56	74	44.27	31.7	12.32	28.85	251	243	P	V
		5135.98	51.43	-2.57	54	36.24	31.73	12.3	28.84	251	243	A	V
	*	5210	106.11	-	-	91.14	31.46	12.4	28.89	251	243	P	V
	*	5210	97.76	-	-	82.79	31.46	12.4	28.89	251	243	A	V
		5390.28	53.92	-20.08	74	39	31.36	12.57	29.01	251	243	P	V
	5355.56	45.27	-8.73	54	30.49	31.22	12.54	28.98	251	243	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	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 42 5210MHz		10420	50.12	-18.08	68.2	52.01	39.84	19.26	60.99	100	0	P	H	
		15630	47.67	-26.33	74	48	37.58	24.37	62.28	100	0	P	H	
													H	
													H	
			10420	49.51	-18.69	68.2	51.4	39.84	19.26	60.99	100	0	P	V
			15630	48.57	-25.43	74	48.9	37.58	24.37	62.28	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	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 HE160 Full CH 50 5250MHz		5142.22	58.2	-15.8	74	43.01	31.72	12.31	28.84	245	270	P	H
		5098.54	47	-7	54	31.77	31.8	12.25	28.82	245	270	A	H
	*	5250	100.58	-	-	85.76	31.3	12.44	28.92	245	270	P	H
	*	5250	94.94	-	-	80.12	31.3	12.44	28.92	245	270	A	H
		5382.44	54.64	-19.36	74	39.75	31.33	12.56	29	245	270	P	H
		5352.2	45.19	-8.81	54	30.43	31.21	12.53	28.98	245	270	A	H
		5143.26	61.63	-12.37	74	46.45	31.71	12.31	28.84	243	242	P	V
		5125.06	49.55	-4.45	54	34.34	31.75	12.29	28.83	243	242	A	V
	*	5250	105.33	-	-	90.51	31.3	12.44	28.92	243	242	P	V
	*	5250	97.99	-	-	83.17	31.3	12.44	28.92	243	242	A	V
		5364.24	55.86	-18.14	74	41.04	31.26	12.55	28.99	243	242	P	V
		5354.44	47.62	-6.38	54	32.84	31.22	12.54	28.98	243	242	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	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 50 5250MHz		10500	50.14	-18.06	68.2	51.85	40	19.39	61.1	100	0	P	H	
		15750	47.58	-26.42	74	47.61	37.3	24.37	61.7	100	0	P	H	
													H	
													H	
			10500	49.93	-18.27	68.2	51.64	40	19.39	61.1	100	0	P	V
			15750	47.62	-26.38	74	47.65	37.3	24.37	61.7	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Full SHF		18638	38.6	-35.4	74	44.38	37.74	10.95	54.47	150	0	P	H	
		29242	41.8	-26.4	68.2	40.68	40.4	15.37	54.65	150	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
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													H	
													H	
													H	
													H	
													H	
													H	
			20574	38.87	-35.13	74	42.51	38.06	11.79	53.49	150	0	P	V
			33202	43.82	-24.38	68.2	39.58	40.68	17.74	54.18	150	0	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
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													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Emission below 1GHz**  
**WIFI 802.11ax HE20 Full (LF @ 3m)**

WIFI Ant. 1+2	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 )
		175.5	27.08	-16.42	43.5	42.09	15.18	2.11	32.3	-	-	P	H
		317.12	24.37	-21.63	46	34.31	19.42	2.97	32.33	-	-	P	H
		464.56	25.03	-20.97	46	30.15	23.42	3.59	32.13	-	-	P	H
		553.8	28.25	-17.75	46	30.53	25.73	3.99	32	-	-	P	H
		718.7	32.48	-13.52	46	33.15	26.9	4.62	32.19	-	-	P	H
		896.21	36.63	-9.37	46	34.35	28.98	5.24	31.94	100	0	P	H
													H
													H
													H
													H
													H
													H
													H
<b>802.11ax HE20 Full LF</b>		66.86	33.74	-6.26	40	53.13	11.83	1.15	32.37	100	130	Q	V
		151.25	27.29	-16.21	43.5	40.66	16.98	1.94	32.29	-	-	P	V
		425.76	24.09	-21.91	46	30.01	22.81	3.44	32.17	-	-	P	V
		587.75	28.2	-17.8	46	30.22	25.8	4.12	31.94	-	-	P	V
		720.64	36.83	-9.17	46	37.42	26.99	4.62	32.2	-	-	P	V
		903.97	36.13	-9.87	46	33.65	29.09	5.26	31.87	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.												



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

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 52 5260MHz		5146.88	55.98	-18.02	74	40.8	31.71	12.32	28.85	400	206	P	H
		5145.86	47.28	-6.72	54	32.1	31.71	12.32	28.85	400	206	A	H
	*	5260	120.51	-	-	105.68	31.3	12.45	28.92	400	206	P	H
	*	5260	112.78	-	-	97.95	31.3	12.45	28.92	400	206	A	H
		5350.08	58.45	-15.55	74	43.7	31.2	12.53	28.98	400	206	P	H
		5350.08	48.99	-5.01	54	34.24	31.2	12.53	28.98	400	206	A	H
		5146.88	56.88	-17.12	74	41.7	31.71	12.32	28.85	256	256	P	V
		5149.94	47.76	-6.24	54	32.59	31.7	12.32	28.85	256	256	A	V
	*	5260	121.79	-	-	106.96	31.3	12.45	28.92	256	256	P	V
	*	5260	113.67	-	-	98.84	31.3	12.45	28.92	256	256	A	V
		5368.56	57.66	-16.34	74	42.83	31.27	12.55	28.99	256	256	P	V
		5350.08	49.71	-4.29	54	34.96	31.2	12.53	28.98	256	256	A	V
802.11ax HE20 Full CH 60 5300MHz		5134.64	56.05	-17.95	74	40.86	31.73	12.3	28.84	391	204	P	H
		5144.16	45.97	-8.03	54	30.8	31.71	12.31	28.85	391	204	A	H
	*	5300	118.85	-	-	104.01	31.3	12.49	28.95	391	204	P	H
	*	5300	110.63	-	-	95.79	31.3	12.49	28.95	391	204	A	H
		5352	63.28	-10.72	74	48.52	31.21	12.53	28.98	391	204	P	H
		5350.08	51.11	-2.89	54	36.36	31.2	12.53	28.98	391	204	A	H
		5146.54	56.6	-17.4	74	41.42	31.71	12.32	28.85	238	250	P	V
		5137.7	46.91	-7.09	54	31.72	31.72	12.31	28.84	238	250	A	V
	*	5300	119.53	-	-	104.69	31.3	12.49	28.95	238	250	P	V
	*	5300	111.64	-	-	96.8	31.3	12.49	28.95	238	250	A	V
		5350.08	63.98	-10.02	74	49.23	31.2	12.53	28.98	238	250	P	V
		5350.32	52.01	-1.99	54	37.26	31.2	12.53	28.98	238	250	A	V



<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	112.09	-	-	97.29	31.26	12.5	28.96	387	254	P	H
	*	5320	104.15	-	-	89.35	31.26	12.5	28.96	387	254	A	H
		5350.4	57.07	-16.93	74	42.32	31.2	12.53	28.98	387	254	P	H
		5350.08	48.21	-5.79	54	33.46	31.2	12.53	28.98	387	254	A	H
													H
													H
	*	5320	113.98	-	-	99.18	31.26	12.5	28.96	213	289	P	V
	*	5320	106.45	-	-	91.65	31.26	12.5	28.96	213	289	A	V
		5351.2	61.08	-12.92	74	46.33	31.2	12.53	28.98	213	289	P	V
		5350.08	49.99	-4.01	54	35.24	31.2	12.53	28.98	213	289	A	V
												V	
												V	
<b>Remark</b>	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	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 52 5260MHz		10520	56.56	-11.64	68.2	58.24	40	19.42	61.1	100	0	P	H	
		15780	57.17	-16.83	74	57.06	37.3	24.37	61.56	169	118	P	H	
		15780	47.03	-6.97	54	46.92	37.3	24.37	61.56	169	118	A	H	
													H	
			10520	56.69	-11.51	68.2	58.37	40	19.42	61.1	100	0	P	V
			15780	57.26	-16.74	74	57.15	37.3	24.37	61.56	165	252	P	V
			15780	47.95	-6.05	54	47.84	37.3	24.37	61.56	165	252	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	54.77	-19.23	74	56.33	40	19.54	61.1	186	252	P	H	
		10600	44.56	-9.44	54	46.12	40	19.54	61.1	186	252	A	H	
		15900	48.09	-25.91	74	47.61	37.1	24.36	60.98	100	0	P	H	
													H	
			10600	56.12	-17.88	74	57.68	40	19.54	61.1	154	136	P	V
			10600	46.28	-7.72	54	47.84	40	19.54	61.1	154	136	A	V
			15900	51.44	-22.56	74	50.96	37.1	24.36	60.98	166	252	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	49.89	-24.11	74	51.39	40	19.6	61.1	100	0	P	H	
		15960	47.95	-26.05	74	47.24	37.04	24.36	60.69	100	0	P	H	
													H	
													H	
			10640	50.72	-23.28	74	52.22	40	19.6	61.1	156	137	P	V
			10640	41.37	-12.63	54	42.87	40	19.6	61.1	156	137	A	V
													V	
												V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 2 5250~5350MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 54 5270MHz		5129.2	55.73	-18.27	74	40.54	31.74	12.29	28.84	375	256	P	H
		5148.58	45.14	-8.86	54	29.97	31.7	12.32	28.85	375	256	A	H
	*	5270	114.36	-	-	99.53	31.3	12.46	28.93	375	256	P	H
	*	5270	108.31	-	-	93.48	31.3	12.46	28.93	375	256	A	H
		5357.04	60.03	-13.97	74	45.25	31.23	12.54	28.99	375	256	P	H
		5350.08	49.39	-4.61	54	34.64	31.2	12.53	28.98	375	256	A	H
		5090.1	55.51	-18.49	74	40.3	31.78	12.24	28.81	218	291	P	V
		5147.22	46.29	-7.71	54	31.11	31.71	12.32	28.85	218	291	A	V
	*	5270	116.57	-	-	101.74	31.3	12.46	28.93	218	291	P	V
	*	5270	106.77	-	-	91.94	31.3	12.46	28.93	218	291	A	V
		5352.96	61.08	-12.92	74	46.31	31.21	12.54	28.98	218	291	P	V
		5350.08	51.61	-2.39	54	36.86	31.2	12.53	28.98	218	291	A	V
802.11ax HE40 Full CH 62 5310MHz		5117.3	54.45	-19.55	74	39.23	31.77	12.28	28.83	388	260	P	H
		5149.94	43.86	-10.14	54	28.69	31.7	12.32	28.85	388	260	A	H
	*	5310	108.98	-	-	94.16	31.28	12.49	28.95	388	260	P	H
	*	5310	104.12	-	-	89.3	31.28	12.49	28.95	388	260	A	H
		5350.8	60.64	-13.36	74	45.89	31.2	12.53	28.98	388	260	P	H
		5351.28	48.35	-5.65	54	33.59	31.21	12.53	28.98	388	260	A	H
		5127.5	54.55	-19.45	74	39.34	31.75	12.29	28.83	215	289	P	V
		5146.88	44.39	-9.61	54	29.21	31.71	12.32	28.85	215	289	A	V
	*	5310	111.66	-	-	96.84	31.28	12.49	28.95	215	289	P	V
	*	5310	107.02	-	-	92.2	31.28	12.49	28.95	215	289	A	V
	5351.52	63.12	-10.88	74	48.36	31.21	12.53	28.98	215	289	P	V	
	5350.08	51.64	-2.36	54	36.89	31.2	12.53	28.98	215	289	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	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 54 5270MHz		10540	51.06	-17.14	68.2	52.71	40	19.45	61.1	100	0	P	H	
		15810	47.17	-26.83	74	46.93	37.28	24.37	61.41	100	0	P	H	
													H	
													H	
			10540	52.89	-15.31	68.2	54.54	40	19.45	61.1	100	0	P	V
			15810	47.09	-26.91	74	46.85	37.28	24.37	61.41	100	0	P	V
														V
802.11ax HE40 Full CH 62 5310MHz		10620	50.46	-23.54	74	51.99	40	19.57	61.1	100	105	P	H	
		10620	40.42	-13.58	54	41.95	40	19.57	61.1	100	105	A	H	
		15930	47.68	-26.32	74	47.08	37.07	24.37	60.84	100	0	P	H	
													H	
			10620	49.74	-24.26	74	51.27	40	19.57	61.1	100	0	P	V
			15930	47.7	-26.3	74	47.1	37.07	24.37	60.84	100	0	P	V
			10620	49.74	-24.26	74	51.27	40	19.57	61.1	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5147.56	54.53	-19.47	74	39.36	31.7	12.32	28.85	388	256	P	H
		5149.94	44.47	-9.53	54	29.3	31.7	12.32	28.85	388	256	A	H
	*	5290	107.26	-	-	92.42	31.3	12.48	28.94	388	256	P	H
	*	5290	104.15	-	-	89.31	31.3	12.48	28.94	388	256	A	H
		5359.2	60.22	-13.78	74	45.43	31.24	12.54	28.99	388	256	P	H
		5350.08	49.31	-4.69	54	34.56	31.2	12.53	28.98	388	256	A	H
		5145.18	55.56	-18.44	74	40.38	31.71	12.32	28.85	204	291	P	V
		5147.9	45.7	-8.3	54	30.53	31.7	12.32	28.85	204	291	A	V
	*	5290	108.6	-	-	93.76	31.3	12.48	28.94	204	291	P	V
	*	5290	106.45	-	-	91.61	31.3	12.48	28.94	204	291	A	V
		5354.16	62.38	-11.62	74	47.6	31.22	12.54	28.98	204	291	P	V
		5350.56	51.44	-2.56	54	36.69	31.2	12.53	28.98	204	291	A	V
<b>Remark</b>	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	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		10580	49.8	-18.4	68.2	51.39	40	19.51	61.1	100	0	P	H	
		15870	46.84	-27.16	74	46.43	37.16	24.37	61.12	100	0	P	H	
													H	
													H	
			10580	49.32	-18.88	68.2	50.91	40	19.51	61.1	100	0	P	V
			15870	47.35	-26.65	74	46.94	37.16	24.37	61.12	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 3 - 5470~5725MHz**

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

WIFI Ant. 1+2	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 100 5500MHz		5458.32	60.4	-13.6	74	44.31	31.62	13.52	29.05	207	26	P	H
		5468.72	66.94	-1.26	68.2	50.83	31.64	13.53	29.06	207	26	P	H
		5458.64	48.17	-5.83	54	32.08	31.62	13.52	29.05	207	26	A	H
	*	5500	118.07	-	-	101.89	31.7	13.56	29.08	207	26	P	H
	*	5500	109.83	-	-	93.65	31.7	13.56	29.08	207	26	A	H
		5458.64	58.31	-15.69	74	42.22	31.62	13.52	29.05	356	15	P	V
		5470	63.73	-4.47	68.2	47.62	31.64	13.53	29.06	356	15	P	V
		5459.28	46.33	-7.67	54	30.24	31.62	13.52	29.05	356	15	A	V
	*	5500	115.38	-	-	99.2	31.7	13.56	29.08	356	15	P	V
	*	5500	107.12	-	-	90.94	31.7	13.56	29.08	356	15	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5433.28	56.57	-17.43	74	40.58	31.53	13.5	29.04	234	31	P	H
		5462.56	55.67	-12.53	68.2	39.58	31.63	13.52	29.06	234	31	P	H
		5455.6	46.38	-7.62	54	30.3	31.61	13.52	29.05	234	31	A	H
	*	5580	121.62	-	-	105.32	31.74	13.62	29.06	234	31	P	H
	*	5580	113.73	-	-	97.43	31.74	13.62	29.06	234	31	A	H
		5749.565	56.37	-11.83	68.2	39.62	32	13.77	29.02	234	31	P	H
		5425.6	55.73	-18.27	74	39.77	31.5	13.49	29.03	100	91	P	V
		5466.64	56.61	-11.59	68.2	40.51	31.63	13.53	29.06	100	91	P	V
		5457.28	45.41	-8.59	54	29.33	31.61	13.52	29.05	100	91	A	V
	*	5580	120.33	-	-	104.03	31.74	13.62	29.06	100	91	P	V
	*	5580	111.93	-	-	95.63	31.74	13.62	29.06	100	91	A	V
		5752.715	56.73	-11.47	68.2	39.96	32.01	13.78	29.02	100	91	P	V



<b>802.11ax HE20 Full CH 140 5700MHz</b>	*	5700	115.37	-	-	98.87	31.8	13.73	29.03	223	43	P	H
	*	5700	106.3	-	-	89.8	31.8	13.73	29.03	223	43	A	H
		5726.68	66.4	-1.8	68.2	49.77	31.91	13.75	29.03	223	43	P	H
													H
													H
													H
	*	5700	112.98	-	-	96.48	31.8	13.73	29.03	323	12	P	V
	*	5700	104.11	-	-	87.61	31.8	13.73	29.03	323	12	A	V
		5730.6	57.64	-10.56	68.2	40.98	31.92	13.76	29.02	323	12	P	V
													V
												V	
												V	
<b>Remark</b>	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	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 100 5500MHz		11000	49.95	-24.05	74	50.9	40.4	19.75	61.1	100	0	P	H	
		16500	48.79	-19.41	68.2	45.07	38.8	24.32	59.4	100	0	P	H	
													H	
													H	
			11000	49.92	-24.08	74	50.87	40.4	19.75	61.1	100	0	P	V
			16500	48.83	-19.37	68.2	45.11	38.8	24.32	59.4	100	0	P	V
														V
802.11ax HE20 Full CH 116 5580MHz		11160	49.81	-24.19	74	51	39.98	19.87	61.04	100	0	P	H	
		16740	59.14	-9.06	68.2	53.91	39.8	24.69	59.26	100	0	P	H	
													H	
													H	
			11160	49.79	-24.21	74	50.98	39.98	19.87	61.04	100	0	P	V
			16740	65.65	-2.55	68.2	60.42	39.8	24.69	59.26	217	147	P	V
														V
802.11ax HE20 Full CH 140 5700MHz		11400	49.98	-24.02	74	50.78	40.1	20.04	60.94	100	0	P	H	
		17100	50.05	-18.15	68.2	43.62	40.3	25.11	58.98	100	0	P	H	
													H	
													H	
			11400	49.99	-24.01	74	50.79	40.1	20.04	60.94	100	0	P	V
			17100	51.16	-17.04	68.2	44.73	40.3	25.11	58.98	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													





**Band 3 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 102 5510MHz		5459.92	61.64	-12.36	74	45.55	31.62	13.52	29.05	227	29	P	H
		5466.4	64.74	-3.46	68.2	48.64	31.63	13.53	29.06	227	29	P	H
		5458.72	49.88	-4.12	54	33.79	31.62	13.52	29.05	227	29	A	H
	*	5510	113.82	-	-	97.62	31.72	13.56	29.08	227	29	P	H
	*	5510	107.67	-	-	91.47	31.72	13.56	29.08	227	29	A	H
		5748.935	56.95	-11.25	68.2	40.2	32	13.77	29.02	227	29	P	H
		5458.24	60.21	-13.79	74	44.12	31.62	13.52	29.05	101	87	P	V
		5469.76	64.27	-3.93	68.2	48.16	31.64	13.53	29.06	101	87	P	V
		5458	49.02	-4.98	54	32.93	31.62	13.52	29.05	101	87	A	V
	*	5510	112	-	-	95.8	31.72	13.56	29.08	101	87	P	V
	*	5510	106.47	-	-	90.27	31.72	13.56	29.08	101	87	A	V
	5739.8	55.56	-12.64	68.2	38.85	31.96	13.77	29.02	101	87	P	V	
802.11ax HE40 Full CH 110 5550MHz		5458.72	61.89	-12.11	74	45.8	31.62	13.52	29.05	201	36	P	H
		5464.72	63.73	-4.47	68.2	47.63	31.63	13.53	29.06	201	36	P	H
		5458.24	51.02	-2.98	54	34.93	31.62	13.52	29.05	201	36	A	H
	*	5550	119.67	-	-	103.34	31.8	13.6	29.07	201	36	P	H
	*	5550	112.03	-	-	95.7	31.8	13.6	29.07	201	36	A	H
		5726.57	59.63	-8.57	68.2	43	31.91	13.75	29.03	201	36	P	H
		5457.04	58.66	-15.34	74	42.58	31.61	13.52	29.05	364	12	P	V
		5469.52	61.8	-6.4	68.2	45.69	31.64	13.53	29.06	364	12	P	V
		5459.44	48.86	-5.14	54	32.77	31.62	13.52	29.05	364	12	A	V
	*	5550	117.53	-	-	101.2	31.8	13.6	29.07	364	12	P	V
	*	5550	110.8	-	-	94.47	31.8	13.6	29.07	364	12	A	V
	5753.03	58.66	-9.54	68.2	41.89	32.01	13.78	29.02	364	12	P	V	



<b>802.11ax</b> <b>HE40 Full</b> <b>CH 134</b> <b>5670MHz</b>		5427	54.15	-19.85	74	38.18	31.51	13.49	29.03	222	43	P	H
		5463.05	56.09	-12.11	68.2	40	31.63	13.52	29.06	222	43	P	H
		5451.85	44.9	-9.1	54	28.84	31.6	13.51	29.05	222	43	A	H
	*	5670	114.83	-	-	98.43	31.74	13.7	29.04	222	43	P	H
	*	5670	107.92	-	-	91.52	31.74	13.7	29.04	222	43	A	H
		5727.55	65.74	-2.46	68.2	49.11	31.91	13.75	29.03	222	43	P	H
		5439.95	54.4	-19.6	74	38.38	31.56	13.5	29.04	346	4	P	V
		5461.3	54	-14.2	68.2	37.91	31.62	13.52	29.05	346	4	P	V
		5445.2	44.24	-9.76	54	28.19	31.58	13.51	29.04	346	4	A	V
	*	5670	113.09	-	-	96.69	31.74	13.7	29.04	346	4	P	V
	*	5670	106.16	-	-	89.76	31.74	13.7	29.04	346	4	A	V
		5726.5	61.32	-6.88	68.2	44.69	31.91	13.75	29.03	346	4	P	V
<b>Remark</b>	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	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 102 5510MHz		11020	49.97	-24.03	74	50.96	40.34	19.76	61.09	100	0	P	H	
		16530	48.17	-20.03	68.2	44.24	38.95	24.36	59.38	100	0	P	H	
													H	
													H	
			11020	49.9	-24.1	74	50.89	40.34	19.76	61.09	100	0	P	V
			16530	48.52	-19.68	68.2	44.59	38.95	24.36	59.38	100	0	P	V
														V
802.11ax HE40 Full CH 110 5550MHz		11100	49.98	-24.02	74	51.12	40.1	19.82	61.06	100	0	P	H	
		16650	52.11	-16.09	68.2	47.43	39.45	24.54	59.31	100	0	P	H	
													H	
													H	
			11100	49.92	-24.08	74	51.06	40.1	19.82	61.06	100	0	P	V
			16650	55.03	-13.17	68.2	50.35	39.45	24.54	59.31	100	0	P	V
														V
802.11ax HE40 Full CH 134 5670MHz		11340	49.97	-24.03	74	51.01	39.92	20	60.96	100	0	P	H	
		17010	50.9	-17.3	68.2	44.34	40.57	25.08	59.09	100	0	P	H	
													H	
													H	
			11340	49.95	-24.05	74	50.99	39.92	20	60.96	100	0	P	V
			17010	50.7	-17.5	68.2	44.14	40.57	25.08	59.09	100	0	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	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 106 5530MHz		5459.68	64.34	-9.66	74	48.25	31.62	13.52	29.05	208	37	P	H
		5468.08	66.2	-2	68.2	50.09	31.64	13.53	29.06	208	37	P	H
		5458	52.5	-1.5	54	36.41	31.62	13.52	29.05	208	37	A	H
	*	5530	116.17	-	-	99.9	31.76	13.58	29.07	208	37	P	H
	*	5530	107.14	-	-	90.87	31.76	13.58	29.07	208	37	A	H
		5736.02	57.75	-10.45	68.2	41.07	31.94	13.76	29.02	208	37	P	H
		5458.72	59.84	-14.16	74	43.75	31.62	13.52	29.05	348	12	P	V
		5464.48	61.58	-6.62	68.2	45.49	31.63	13.52	29.06	348	12	P	V
		5459.68	49.74	-4.26	54	33.65	31.62	13.52	29.05	348	12	A	V
	*	5530	112.33	-	-	96.06	31.76	13.58	29.07	348	12	P	V
	*	5530	105.89	-	-	89.62	31.76	13.58	29.07	348	12	A	V
		5732.24	57.15	-11.05	68.2	40.48	31.93	13.76	29.02	348	12	P	V
802.11ax HE80 Full CH 122 5610MHz		5458.48	59.11	-14.89	74	43.02	31.62	13.52	29.05	232	31	P	H
		5464.48	61.16	-7.04	68.2	45.07	31.63	13.52	29.06	232	31	P	H
		5459.92	49.24	-4.76	54	33.15	31.62	13.52	29.05	232	31	A	H
	*	5610	117.14	-	-	100.84	31.7	13.65	29.05	232	31	P	H
	*	5610	109.99	-	-	93.69	31.7	13.65	29.05	232	31	A	H
		5729.72	66.51	-1.69	68.2	49.85	31.92	13.76	29.02	232	31	P	H
		5454.16	57.25	-16.75	74	41.17	31.61	13.52	29.05	100	93	P	V
		5464.72	58.98	-9.22	68.2	42.88	31.63	13.53	29.06	100	93	P	V
		5455.6	47.68	-6.32	54	31.6	31.61	13.52	29.05	100	93	A	V
	*	5610	116.42	-	-	100.12	31.7	13.65	29.05	100	93	P	V
	*	5610	109.89	-	-	93.59	31.7	13.65	29.05	100	93	A	V
		5732.87	65.2	-3	68.2	48.53	31.93	13.76	29.02	100	93	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	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 106 5530MHz		11060	49.96	-24.04	74	51.03	40.22	19.79	61.08	100	0	P	H
		16590	49.61	-18.59	68.2	45.26	39.25	24.45	59.35	100	0	P	H
													H
													H
		11060	49.94	-24.06	74	51.01	40.22	19.79	61.08	100	0	P	V
		16590	49.74	-18.46	68.2	45.39	39.25	24.45	59.35	100	0	P	V
													V
802.11ax HE80 Full CH 122 5610MHz		11220	49.97	-24.03	74	51.19	39.88	19.91	61.01	100	0	P	H
		16830	51.48	-16.72	68.2	45.61	40.25	24.82	59.2	100	0	P	H
													H
													H
		11220	49.93	-24.07	74	51.15	39.88	19.91	61.01	100	0	P	V
		16830	50.57	-17.63	68.2	44.7	40.25	24.82	59.2	100	0	P	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 HE20 Full (Band Edge @ 3m)**

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 144 5720MHz		5456.86	57.12	-16.88	74	41.04	31.61	13.52	29.05	207	18	P	H
		5467.39	54.73	-13.47	68.2	38.63	31.63	13.53	29.06	207	18	P	H
		5459.98	46.36	-7.64	54	30.27	31.62	13.52	29.05	207	18	A	H
	*	5720	121.39	-	-	104.79	31.88	13.75	29.03	207	18	P	H
	*	5720	113.58	-	-	96.98	31.88	13.75	29.03	207	18	A	H
		5910.75	57.55	-10.65	68.2	40.48	32.24	13.81	28.98	207	18	P	H
		5438.14	55.24	-18.76	74	39.23	31.55	13.5	29.04	100	97	P	V
		5465.44	55.35	-12.85	68.2	39.25	31.63	13.53	29.06	100	97	P	V
		5435.8	45.94	-8.06	54	29.94	31.54	13.5	29.04	100	97	A	V
	*	5720	120.47	-	-	103.87	31.88	13.75	29.03	100	97	P	V
	*	5720	112.51	-	-	95.91	31.88	13.75	29.03	100	97	A	V
		5890.5	56.14	-12.06	68.2	39.14	32.18	13.81	28.99	100	97	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	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		11440	49.82	-24.18	74	50.57	40.1	20.07	60.92	100	0	P	H	
		17160	57.01	-11.19	68.2	50.25	40.54	25.13	58.91	100	0	P	H	
													H	
													H	
			11440	49.87	-24.13	74	50.62	40.1	20.07	60.92	100	0	P	V
			17160	66.61	-1.59	68.2	59.85	40.54	25.13	58.91	169	131	P	V
														V
													V	
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	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		5445.55	57	-17	74	40.95	31.58	13.51	29.04	209	18	P	H
		5464.27	56.62	-11.58	68.2	40.53	31.63	13.52	29.06	209	18	P	H
		5455.69	46.92	-7.08	54	30.84	31.61	13.52	29.05	209	18	A	H
	*	5710	121.47	-	-	104.92	31.84	13.74	29.03	209	18	P	H
	*	5710	113.84	-	-	97.29	31.84	13.74	29.03	209	18	A	H
		5853.5	59.65	-8.55	68.2	42.73	32.11	13.81	29	209	18	P	H
		5440.87	54.58	-19.42	74	38.56	31.56	13.5	29.04	100	94	P	V
		5463.1	55.97	-12.23	68.2	39.88	31.63	13.52	29.06	100	94	P	V
		5456.47	46.05	-7.95	54	29.97	31.61	13.52	29.05	100	94	A	V
	*	5710	119.98	-	-	103.43	31.84	13.74	29.03	100	94	P	V
	*	5710	112.99	-	-	96.44	31.84	13.74	29.03	100	94	A	V
		5850.5	59.1	-9.1	68.2	42.19	32.1	13.81	29	100	94	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	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		11420	49.81	-24.19	74	50.58	40.1	20.06	60.93	100	0	P	H	
		17130	56.8	-11.4	68.2	50.2	40.42	25.12	58.94	100	0	P	H	
													H	
													H	
			11420	49.83	-24.17	74	50.6	40.1	20.06	60.93	100	0	P	V
			17130	65.83	-2.37	68.2	59.23	40.42	25.12	58.94	164	134	P	V
														V
													V	
<b>Remark</b>	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 (Band Edge @ 3m)**

WIFI Ant. 1+2	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 138 5690MHz		5458.42	59.4	-14.6	74	43.31	31.62	13.52	29.05	227	24	P	H
		5469.73	60.87	-7.33	68.2	44.76	31.64	13.53	29.06	227	24	P	H
		5459.98	51.31	-2.69	54	35.22	31.62	13.52	29.05	227	24	A	H
	*	5690	119.12	-	-	102.65	31.78	13.72	29.03	227	24	P	H
	*	5690	113.04	-	-	96.57	31.78	13.72	29.03	227	24	A	H
		5854.25	65.38	-2.82	68.2	48.45	32.11	13.81	28.99	227	24	P	H
		5459.98	58.83	-15.17	74	42.74	31.62	13.52	29.05	100	97	P	V
		5463.49	59.46	-8.74	68.2	43.37	31.63	13.52	29.06	100	97	P	V
		5459.2	49.38	-4.62	54	33.29	31.62	13.52	29.05	100	97	A	V
	*	5690	119.58	-	-	103.11	31.78	13.72	29.03	100	97	P	V
	*	5690	112.76	-	-	96.29	31.78	13.72	29.03	100	97	A	V
		5850	62.93	-5.27	68.2	46.02	32.1	13.81	29	100	97	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	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 138 5690MHz		11380	49.83	-24.17	74	50.71	40.04	20.03	60.95	100	0	P	H	
		17070	57.93	-10.27	68.2	51.46	40.39	25.1	59.02	100	0	P	H	
													H	
													H	
			11380	49.84	-24.16	74	50.72	40.04	20.03	60.95	100	0	P	V
			17070	58.7	-9.5	68.2	52.23	40.39	25.1	59.02	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Full SHF		18638	38.6	-35.4	74	44.38	37.74	10.95	54.47	150	0	P	H	
		29242	41.8	-26.4	68.2	40.68	40.4	15.37	54.65	150	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			20574	38.87	-35.13	74	42.51	38.06	11.79	53.49	150	0	P	V
			33202	43.82	-24.38	68.2	39.58	40.68	17.74	54.18	150	0	P	V
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
													V	
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													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													





Band 1 - 5150~5250MHz

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

WIFI Ant. 1+2+3	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 36 5180MHz		5147.94	60.62	-13.38	74	45.45	31.7	12.32	28.85	391	211	P	H	
		5149.76	49.48	-4.52	54	34.31	31.7	12.32	28.85	391	211	A	H	
	*	5180	112.07	-	-	97	31.58	12.36	28.87	391	211	P	H	
	*	5180	103.45	-	-	88.38	31.58	12.36	28.87	391	211	A	H	
													H	
														H
			5148.98	62.59	-11.41	74	47.42	31.7	12.32	28.85	238	246	P	V
			5149.76	51.2	-2.8	54	36.03	31.7	12.32	28.85	238	246	A	V
		*	5180	115.29	-	-	100.22	31.58	12.36	28.87	238	246	P	V
		*	5180	106.79	-	-	91.72	31.58	12.36	28.87	238	246	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5118.56	55.17	-18.83	74	39.96	31.76	12.28	28.83	393	223	P	H	
		5138.32	46.01	-7.99	54	30.82	31.72	12.31	28.84	393	223	A	H	
		*	5220	113.13	-	-	98.2	31.42	12.41	28.9	393	223	P	H
		*	5220	107.34	-	-	92.41	31.42	12.41	28.9	393	223	A	H
			5388.32	54.74	-19.26	74	39.83	31.35	12.57	29.01	393	223	P	H
			5391.12	43.93	-10.07	54	29.01	31.36	12.57	29.01	393	223	A	H
			5137.28	56.25	-17.75	74	41.05	31.73	12.31	28.84	208	291	P	V
			5135.46	46.63	-7.37	54	31.44	31.73	12.3	28.84	208	291	A	V
		*	5220	117.68	-	-	102.75	31.42	12.41	28.9	208	291	P	V
		*	5220	110.26	-	-	95.33	31.42	12.41	28.9	208	291	A	V
		5368.44	55.42	-18.58	74	40.59	31.27	12.55	28.99	208	291	P	V	
		5372.36	45.33	-8.67	54	30.49	31.29	12.55	29	208	291	A	V	



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5145.86	55.4	-18.6	74	40.22	31.71	12.32	28.85	395	224	P	H
		5150	45.34	-8.66	54	30.17	31.7	12.32	28.85	395	224	A	H
	*	5240	116	-	-	101.14	31.34	12.43	28.91	395	224	P	H
	*	5240	107.65	-	-	92.79	31.34	12.43	28.91	395	224	A	H
		5363.4	54.71	-19.29	74	39.9	31.25	12.55	28.99	395	224	P	H
		5354.16	43.85	-10.15	54	29.07	31.22	12.54	28.98	395	224	A	H
		5138.32	56.13	-17.87	74	40.94	31.72	12.31	28.84	222	291	P	V
		5149.76	46.02	-7.98	54	30.85	31.7	12.32	28.85	222	291	A	V
	*	5240	118.8	-	-	103.94	31.34	12.43	28.91	222	291	P	V
	*	5240	110.17	-	-	95.31	31.34	12.43	28.91	222	291	A	V
		5390	54.55	-19.45	74	39.63	31.36	12.57	29.01	222	291	P	V
		5350.52	45.41	-8.59	54	30.66	31.2	12.53	28.98	222	291	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3	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 36 5180MHz		10360	57.22	-10.98	68.2	59.31	39.64	19.17	60.9	100	0	P	H
		15540	54.86	-19.14	74	55.25	37.94	24.38	62.71	168	122	P	H
		15540	45.75	-8.25	54	46.14	37.94	24.38	62.71	168	122	A	H
													H
		10360	56.89	-11.31	68.2	58.98	39.64	19.17	60.9	100	0	P	V
		15540	60.36	-13.64	74	60.75	37.94	24.38	62.71	250	166	P	V
		15540	51.31	-2.69	54	51.7	37.94	24.38	62.71	250	166	A	V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	61.18	-7.02	68.2	63.03	39.88	19.29	61.02	100	0	P	H
		15660	57.58	-16.42	74	57.87	37.46	24.38	62.13	250	123	P	H
		15660	47.82	-6.18	54	48.11	37.46	24.38	62.13	250	123	A	H
													H
		10440	60.94	-7.26	68.2	62.79	39.88	19.29	61.02	100	0	P	V
		15660	62.61	-11.39	74	62.9	37.46	24.38	62.13	210	164	P	V
		15660	51.72	-2.28	54	52.01	37.46	24.38	62.13	210	164	A	V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	61.95	-6.25	68.2	63.71	39.96	19.35	61.07	100	0	P	H
		15720	56.6	-17.4	74	56.77	37.3	24.37	61.84	250	122	P	H
		15720	46.98	-7.02	54	47.15	37.3	24.37	61.84	250	122	A	H
													H
		10480	63.25	-4.95	68.2	65.01	39.96	19.35	61.07	100	0	P	V
		15720	62.04	-11.96	74	62.21	37.3	24.37	61.84	214	166	P	V
		15720	51.66	-2.34	54	51.83	37.3	24.37	61.84	214	166	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





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

WIFI Ant. 1+2+3	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 38 5190MHz		5149.76	58.77	-15.23	74	43.6	31.7	12.32	28.85	389	205	P	H	
		5150	49.98	-4.02	54	34.81	31.7	12.32	28.85	389	205	A	H	
	*	5190	110.48	-	-	95.44	31.54	12.38	28.88	389	205	P	H	
	*	5190	102.63	-	-	87.59	31.54	12.38	28.88	389	205	A	H	
		5435.08	53.86	-20.14	74	38.71	31.54	12.65	29.04	389	205	P	H	
		5354.72	44.4	-9.6	54	29.62	31.22	12.54	28.98	389	205	A	H	
		5146.64	61.98	-12.02	74	46.8	31.71	12.32	28.85	237	241	P	V	
		5149.76	52.12	-1.88	54	36.95	31.7	12.32	28.85	237	241	A	V	
	*	5190	112.05	-	-	97.01	31.54	12.38	28.88	237	241	P	V	
	*	5190	105.12	-	-	90.08	31.54	12.38	28.88	237	241	A	V	
		5364.52	53.88	-20.12	74	39.06	31.26	12.55	28.99	237	241	P	V	
		5354.44	45.25	-8.75	54	30.47	31.22	12.54	28.98	237	241	A	V	
	802.11ax HE40 Full CH 46 5230MHz		5149.76	60.64	-13.36	74	45.47	31.7	12.32	28.85	400	245	P	H
			5150	49.47	-4.53	54	34.3	31.7	12.32	28.85	400	245	A	H
*		5230	114.53	-	-	99.63	31.38	12.42	28.9	400	245	P	H	
*		5230	107.85	-	-	92.95	31.38	12.42	28.9	400	245	A	H	
		5374.32	56.72	-17.28	74	41.86	31.3	12.56	29	400	245	P	H	
		5381.88	46.27	-7.73	54	31.38	31.33	12.56	29	400	245	A	H	
		5148.98	61.61	-12.39	74	46.44	31.7	12.32	28.85	221	290	P	V	
		5150	52.03	-1.97	54	36.86	31.7	12.32	28.85	221	290	A	V	
*		5230	118.08	-	-	103.18	31.38	12.42	28.9	221	290	P	V	
*		5230	109.42	-	-	94.52	31.38	12.42	28.9	221	290	A	V	
		5386.92	56.89	-17.11	74	41.98	31.35	12.57	29.01	221	290	P	V	
	5381.6	48.07	-5.93	54	33.18	31.33	12.56	29	221	290	A	V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2+3	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 38 5190MHz		10380	55.18	-13.02	68.2	57.19	39.72	19.2	60.93	100	0	P	H	
		15570	49.4	-24.6	74	49.76	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	54.78	-13.42	68.2	56.79	39.72	19.2	60.93	100	0	P	V
			15570	54.54	-19.46	74	54.9	37.82	24.38	62.56	208	166	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	61.57	-6.63	68.2	63.37	39.92	19.32	61.04	100	0	P	H	
		15690	55.19	-18.81	74	55.47	37.34	24.37	61.99	250	122	P	H	
		15690	46.53	-7.47	54	46.81	37.34	24.37	61.99	250	122	A	H	
													H	
			10460	62.54	-5.66	68.2	64.34	39.92	19.32	61.04	100	0	P	V
			15690	59.53	-14.47	74	59.81	37.34	24.37	61.99	210	164	P	V
			15690	50.2	-3.8	54	50.48	37.34	24.37	61.99	210	164	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5140.4	59.36	-14.64	74	44.17	31.72	12.31	28.84	400	225	P	H
		5149.5	50.23	-3.77	54	35.06	31.7	12.32	28.85	400	225	A	H
	*	5210	105.55	-	-	90.58	31.46	12.4	28.89	400	225	P	H
	*	5210	97.29	-	-	82.32	31.46	12.4	28.89	400	225	A	H
		5370.4	53.79	-20.21	74	38.95	31.28	12.55	28.99	400	225	P	H
		5350.24	44.58	-9.42	54	29.83	31.2	12.53	28.98	400	225	A	H
		5148.46	61.26	-12.74	74	46.09	31.7	12.32	28.85	235	241	P	V
		5118.56	52.56	-1.44	54	37.35	31.76	12.28	28.83	235	241	A	V
	*	5210	107.62	-	-	92.65	31.46	12.4	28.89	235	241	P	V
	*	5210	100.13	-	-	85.16	31.46	12.4	28.89	235	241	A	V
	5388.32	54.41	-19.59	74	39.5	31.35	12.57	29.01	235	241	P	V	
	5354.72	45.88	-8.12	54	31.1	31.22	12.54	28.98	235	241	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2+3	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 42 5210MHz		10420	52.22	-15.98	68.2	54.11	39.84	18.8	60.99	100	0	P	H	
		15630	48.5	-25.5	74	48.83	37.58	23.83	62.28	100	0	P	H	
													H	
													H	
			10420	53.09	-15.11	68.2	54.98	39.84	18.8	60.99	100	0	P	V
			15630	52.31	-21.69	74	52.64	37.58	23.83	62.28	216	163	P	V
			15630	42.1	-11.9	54	42.43	37.58	23.83	62.28	216	163	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE160 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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)
<b>802.11ax HE160 Full CH 50 5250MHz</b>		5126.88	62.99	-11.01	74	47.78	31.75	12.29	28.83	400	208	P	H
		5139.36	51.07	-2.93	54	35.88	31.72	12.31	28.84	400	208	A	H
	*	5250	102.4	-	-	87.58	31.3	12.44	28.92	400	208	P	H
	*	5250	95.1	-	-	80.28	31.3	12.44	28.92	400	208	A	H
		5363.68	55.24	-18.76	74	40.43	31.25	12.55	28.99	400	208	P	H
		5362	46.64	-7.36	54	31.84	31.25	12.54	28.99	400	208	A	H
		5140.4	61.28	-12.72	74	46.09	31.72	12.31	28.84	227	250	P	V
		5137.8	51.79	-2.21	54	36.6	31.72	12.31	28.84	227	250	A	V
	*	5250	108.25	-	-	93.43	31.3	12.44	28.92	227	250	P	V
	*	5250	100.88	-	-	86.06	31.3	12.44	28.92	227	250	A	V
		5367.32	58.86	-15.14	74	44.03	31.27	12.55	28.99	227	250	P	V
		5368.16	50.21	-3.79	54	35.38	31.27	12.55	28.99	227	250	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz  
WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1+2+3	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 HE160 Full		10420	52.22	-15.98	68.2	54.11	39.84	18.8	60.99	100	0	P	H
		15630	48.5	-25.5	74	48.83	37.58	23.83	62.28	100	0	P	H
													H
													H
CH 50 5250MHz		10420	53.09	-15.11	68.2	54.98	39.84	18.8	60.99	100	0	P	V
		15630	52.31	-21.69	74	52.64	37.58	23.83	62.28	216	163	P	V
		15630	42.1	-11.9	54	42.43	37.58	23.83	62.28	216	163	A	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 (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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 52 5260MHz		5119	56.14	-17.86	74	40.93	31.76	12.28	28.83	357	213	P	H
		5106.76	45.53	-8.47	54	30.3	31.79	12.26	28.82	357	213	A	H
	*	5260	116.13	-	-	101.3	31.3	12.45	28.92	357	213	P	H
	*	5260	110.36	-	-	95.53	31.3	12.45	28.92	357	213	A	H
		5356.08	54.4	-19.6	74	39.63	31.22	12.54	28.99	357	213	P	H
		5350.08	46.15	-7.85	54	31.4	31.2	12.53	28.98	357	213	A	H
		5146.54	56.2	-17.8	74	41.02	31.71	12.32	28.85	236	283	P	V
		5146.88	45.79	-8.21	54	30.61	31.71	12.32	28.85	236	283	A	V
	*	5260	120.58	-	-	105.75	31.3	12.45	28.92	236	283	P	V
	*	5260	112.37	-	-	97.54	31.3	12.45	28.92	236	283	A	V
		5350.56	56.9	-17.1	74	42.15	31.2	12.53	28.98	236	283	P	V
		5350.08	48.37	-5.63	54	33.62	31.2	12.53	28.98	236	283	A	V
802.11ax HE20 Full CH 60 5300MHz		5145.52	55.17	-18.83	74	39.99	31.71	12.32	28.85	392	210	P	H
		5149.6	44.98	-9.02	54	29.81	31.7	12.32	28.85	392	210	A	H
	*	5300	115.79	-	-	100.95	31.3	12.49	28.95	392	210	P	H
	*	5300	107.88	-	-	93.04	31.3	12.49	28.95	392	210	A	H
		5375.76	54.22	-19.78	74	39.36	31.3	12.56	29	392	210	P	H
		5374.08	44.62	-9.38	54	29.76	31.3	12.56	29	392	210	A	H
		5130.56	56.62	-17.38	74	41.42	31.74	12.3	28.84	238	250	P	V
		5144.16	45.96	-8.04	54	30.79	31.71	12.31	28.85	238	250	A	V
	*	5300	117.24	-	-	102.4	31.3	12.49	28.95	238	250	P	V
	*	5300	107.31	-	-	92.47	31.3	12.49	28.95	238	250	A	V
		5384.64	57.1	-16.9	74	42.19	31.34	12.57	29	238	250	P	V
		5373.84	46.61	-7.39	54	31.75	31.3	12.56	29	238	250	A	V



<b>802.11ax HE20 Full CH 64 5320MHz</b>	*	5320	112.11	-	-	97.31	31.26	12.5	28.96	347	212	P	H
	*	5320	105.87	-	-	91.07	31.26	12.5	28.96	347	212	A	H
		5351.2	58.59	-15.41	74	43.84	31.2	12.53	28.98	347	212	P	H
		5350.24	48.33	-5.67	54	33.58	31.2	12.53	28.98	347	212	A	H
													H
													H
	*	5320	115.45	-	-	100.65	31.26	12.5	28.96	242	283	P	V
	*	5320	106.24	-	-	91.44	31.26	12.5	28.96	242	283	A	V
		5350.24	60.27	-13.73	74	45.52	31.2	12.53	28.98	242	283	P	V
		5351.04	51.22	-2.78	54	36.47	31.2	12.53	28.98	242	283	A	V
												V	
												V	
<b>Remark</b>	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	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 52 5260MHz		10520	60.19	-8.01	68.2	61.87	40	19.42	61.1	100	0	P	H	
		15780	53.92	-20.08	74	53.81	37.3	24.37	61.56	131	196	P	H	
		15780	44.85	-9.15	54	44.74	37.3	24.37	61.56	131	196	A	H	
													H	
			10520	63.45	-4.75	68.2	65.13	40	19.42	61.1	100	0	P	V
			15780	62.05	-11.95	74	61.94	37.3	24.37	61.56	201	164	P	V
			15780	52.71	-1.29	54	52.6	37.3	24.37	61.56	201	164	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	60.8	-13.2	74	62.36	40	19.54	61.1	237	256	P	H	
		10600	52.03	-1.97	54	53.59	40	19.54	61.1	237	256	A	H	
		15900	53.51	-20.49	74	53.03	37.1	24.36	60.98	141	207	P	H	
		15900	43.24	-10.76	54	42.76	37.1	24.36	60.98	141	207	A	H	
		10600	61.49	-12.51	74	63.05	40	19.54	61.1	184	147	P	V	
		10600	52.67	-1.33	54	54.24	40	19.53	61.1	184	147	A	V	
		15900	57.16	-16.84	74	56.68	37.1	24.36	60.98	205	194	P	V	
802.11ax HE20 Full CH 64 5320MHz		10640	60.58	-13.42	74	62.08	40	19.6	61.1	237	255	P	H	
		10640	52.21	-1.79	54	53.71	40	19.6	61.1	237	255	A	H	
		15960	54.1	-19.9	74	53.39	37.04	24.36	60.69	160	202	P	H	
		15960	43.41	-10.59	54	42.7	37.04	24.36	60.69	160	202	A	H	
		10640	61.73	-12.27	74	63.23	40	19.6	61.1	177	147	P	V	
		10640	52.7	-1.3	54	54.2	40	19.6	61.1	177	147	A	V	
		15960	58.09	-15.91	74	57.38	37.04	24.36	60.69	200	189	P	V	
		15960	46.13	-7.87	54	45.42	37.04	24.36	60.69	200	189	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 (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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 54 5270MHz		5088.74	55.9	-18.1	74	40.69	31.78	12.24	28.81	356	209	P	H
		5123.08	45.86	-8.14	54	30.65	31.75	12.29	28.83	356	209	A	H
	*	5270	116.14	-	-	101.31	31.3	12.46	28.93	356	209	P	H
	*	5270	109.53	-	-	94.7	31.3	12.46	28.93	356	209	A	H
		5359.68	55.97	-18.03	74	41.18	31.24	12.54	28.99	356	209	P	H
		5350.08	46.94	-7.06	54	32.19	31.2	12.53	28.98	356	209	A	H
		5146.88	57.3	-16.7	74	42.12	31.71	12.32	28.85	219	243	P	V
		5125.8	47.64	-6.36	54	32.43	31.75	12.29	28.83	219	243	A	V
	*	5270	117.96	-	-	103.13	31.3	12.46	28.93	219	243	P	V
	*	5270	110.9	-	-	96.07	31.3	12.46	28.93	219	243	A	V
		5350.32	58.52	-15.48	74	43.77	31.2	12.53	28.98	219	243	P	V
		5350.56	49.29	-4.71	54	34.54	31.2	12.53	28.98	219	243	A	V
	802.11ax HE40 Full CH 62 5310MHz		5139.4	55.16	-18.84	74	39.97	31.72	12.31	28.84	395	206	P
		5147.22	45.02	-8.98	54	29.84	31.71	12.32	28.85	395	206	A	H
*		5310	110.39	-	-	95.57	31.28	12.49	28.95	395	206	P	H
*		5310	102.69	-	-	87.87	31.28	12.49	28.95	395	206	A	H
		5353.92	60.52	-13.48	74	45.74	31.22	12.54	28.98	395	206	P	H
		5350.56	47.92	-6.08	54	33.17	31.2	12.53	28.98	395	206	A	H
		5134.98	54.62	-19.38	74	39.43	31.73	12.3	28.84	216	290	P	V
		5137.02	45.23	-8.77	54	30.04	31.73	12.3	28.84	216	290	A	V
*		5310	112.11	-	-	97.29	31.28	12.49	28.95	216	290	P	V
*		5310	101.98	-	-	87.16	31.28	12.49	28.95	216	290	A	V
	5352.24	64.66	-9.34	74	49.9	31.21	12.53	28.98	216	290	P	V	
	5350.08	52.32	-1.68	54	37.57	31.2	12.53	28.98	216	290	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	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 54 5270MHz		10540	57.42	-10.78	68.2	59.07	40	19.45	61.1	100	0	P	H	
		15810	56	-18	74	55.76	37.28	24.37	61.41	228	121	P	H	
		15810	47.23	-6.77	54	46.99	37.28	24.37	61.41	228	121	A	H	
													H	
			10540	57.83	-10.37	68.2	59.48	40	19.45	61.1	100	0	P	V
			15810	59.93	-14.07	74	59.69	37.28	24.37	61.41	200	164	P	V
			15810	52.47	-1.53	54	52.23	37.28	24.37	61.41	200	164	A	V
802.11ax HE40 Full CH 62 5310MHz		10620	58.38	-15.62	74	59.91	40	19.57	61.1	200	266	P	H	
		10620	48.87	-5.13	54	50.4	40	19.57	61.1	200	266	A	H	
		15930	48.39	-25.61	74	47.79	37.07	24.37	60.84	100	0	P	H	
													H	
			10620	59.65	-14.35	74	61.18	40	19.57	61.1	150	150	P	V
			10620	51.28	-2.72	54	52.81	40	19.57	61.1	150	150	A	V
			15930	54.13	-19.87	74	53.53	37.07	24.37	60.84	208	164	P	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 HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2+3	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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5133.62	56.68	-17.32	74	41.49	31.73	12.3	28.84	395	209	P	H
		5147.56	45.47	-8.53	54	30.3	31.7	12.32	28.85	395	209	A	H
	*	5290	107.61	-	-	92.77	31.3	12.48	28.94	395	209	P	H
	*	5290	97.58	-	-	82.74	31.3	12.48	28.94	395	209	A	H
		5357.28	56.57	-17.43	74	41.79	31.23	12.54	28.99	395	209	P	H
		5350.08	46.73	-7.27	54	31.98	31.2	12.53	28.98	395	209	A	H
		5134.98	55.52	-18.48	74	40.33	31.73	12.3	28.84	227	288	P	V
		5142.12	45.68	-8.32	54	30.49	31.72	12.31	28.84	227	288	A	V
	*	5290	109.14	-	-	94.3	31.3	12.48	28.94	227	288	P	V
	*	5290	99.14	-	-	84.3	31.3	12.48	28.94	227	288	A	V
		5359.44	60.68	-13.32	74	45.89	31.24	12.54	28.99	227	288	P	V
		5350.56	50.98	-3.02	54	36.23	31.2	12.53	28.98	227	288	A	V
<b>Remark</b>	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	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		10580	49.65	-18.55	68.2	51.24	40	19.51	61.1	100	0	P	H	
		15870	46.15	-27.85	74	45.74	37.16	24.37	61.12	100	0	P	H	
													H	
													H	
			10580	50.86	-17.34	68.2	52.45	40	19.51	61.1	100	0	P	V
			15870	47.94	-26.06	74	47.53	37.16	24.37	61.12	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 3m)

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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Full SHF		23610	41.81	-32.19	74	42.24	39.85	13.02	53.3	150	0	P	H	
		29836	42.6	-25.6	68.2	41.51	40.23	15.73	54.87	150	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			20574	38.87	-35.13	74	42.51	38.06	11.79	53.49	150	0	P	V
			34170	43.21	-24.99	68.2	39.61	41.03	17.78	55.21	150	0	P	V
														V
														V
														V
														V
														V
														V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**Emission below 1GHz  
WIFI 802.11ax HE20 Full (LF @ 3m)**

WIFI Ant. 1+2+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11ax HE20 Full LF		90.14	27.31	-16.19	43.5	43.58	14.61	1.41	32.29	-	-	P	H	
		176.47	27.27	-16.23	43.5	42.33	15.12	2.12	32.3	-	-	P	H	
		321	24.74	-21.26	46	34.63	19.46	2.98	32.33	-	-	P	H	
		550.89	26.65	-19.35	46	29.3	25.38	3.97	32	-	-	P	H	
		722.58	34.18	-11.82	46	34.65	27.1	4.63	32.2	-	-	P	H	
		896.21	36.68	-9.32	46	34.4	28.98	5.24	31.94	100	0	P	H	
														H
														H
														H
														H
														H
														H
														H
														H
			63.95	31.25	-8.75	40	50.82	11.69	1.12	32.38	139	119	Q	V
			257.95	20.98	-25.02	46	30.91	19.76	2.65	32.34	-	-	P	V
			392.78	22.15	-23.85	46	29.49	21.56	3.31	32.21	-	-	P	V
			503.36	25.55	-20.45	46	29.9	24	3.73	32.08	-	-	P	V
			722.58	31.69	-14.31	46	32.16	27.1	4.63	32.2	-	-	P	V
			856.44	31.9	-14.1	46	29.89	29.06	5.07	32.12	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



Band 1 - 5150~5250MHz

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 36 5180MHz		5146.9	60.56	-13.44	74	45.38	31.71	12.32	28.85	391	210	P	H	
		5149.5	50.14	-3.86	54	34.97	31.7	12.32	28.85	391	210	A	H	
	*	5188	113.71	-	-	98.66	31.55	12.37	28.87	391	210	P	H	
	*	5188	105.05	-	-	90	31.55	12.37	28.87	391	210	A	H	
													H	
														H
			5148.98	62.08	-11.92	74	46.91	31.7	12.32	28.85	237	240	P	V
			5150	51.4	-2.6	54	36.23	31.7	12.32	28.85	237	240	A	V
		*	5180	115.59	-	-	100.52	31.58	12.36	28.87	237	240	P	V
		*	5180	107.01	-	-	91.94	31.58	12.36	28.87	237	240	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5137.54	59.07	-14.93	74	43.88	31.72	12.31	28.84	398	210	P	H	
		5138.32	47.35	-6.65	54	32.16	31.72	12.31	28.84	398	210	A	H	
	*	5220	115.32	-	-	100.39	31.42	12.41	28.9	398	210	P	H	
	*	5220	107.03	-	-	92.1	31.42	12.41	28.9	398	210	A	H	
			5383	54.35	-19.65	74	39.46	31.33	12.56	29	398	210	P	H
			5372.08	44.02	-9.98	54	29.18	31.29	12.55	29	398	210	A	H
			5132.6	57.77	-16.23	74	42.58	31.73	12.3	28.84	238	241	P	V
			5141.96	48.24	-5.76	54	33.05	31.72	12.31	28.84	238	241	A	V
		*	5220	117.48	-	-	102.55	31.42	12.41	28.9	238	241	P	V
		*	5220	109.92	-	-	94.99	31.42	12.41	28.9	238	241	A	V
		5377.12	54.69	-19.31	74	39.82	31.31	12.56	29	238	241	P	V	
		5354.72	45.07	-8.93	54	30.29	31.22	12.54	28.98	238	241	A	V	





<b>802.11ax</b> <b>HE20 Full</b> <b>CH 48</b> <b>5240MHz</b>		5083.72	55.27	-18.73	74	40.08	31.77	12.23	28.81	379	207	P	H
		5150	45.92	-8.08	54	30.75	31.7	12.32	28.85	379	207	A	H
	*	5240	117.28	-	-	102.42	31.34	12.43	28.91	379	207	P	H
	*	5240	108.62	-	-	93.76	31.34	12.43	28.91	379	207	A	H
		5430.04	53.47	-20.53	74	38.34	31.52	12.64	29.03	379	207	P	H
		5353.32	44.23	-9.77	54	29.46	31.21	12.54	28.98	379	207	A	H
		5096.46	57.37	-16.63	74	42.14	31.79	12.25	28.81	225	248	P	V
		5149.76	47.8	-6.2	54	32.63	31.7	12.32	28.85	225	248	A	V
	*	5240	118.84	-	-	103.98	31.34	12.43	28.91	225	248	P	V
	*	5240	111.38	-	-	96.52	31.34	12.43	28.91	225	248	A	V
		5401.2	56.03	-17.97	74	41.06	31.4	12.58	29.01	225	248	P	V
		5350.52	45.46	-8.54	54	30.71	31.2	12.53	28.98	225	248	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 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 36 5180MHz		10360	58.65	-9.55	68.2	60.74	39.64	19.17	60.9	100	0	P	H
		15540	59.12	-14.88	74	59.51	37.94	24.38	62.71	229	123	P	H
		15540	48.79	-5.21	54	49.18	37.94	24.38	62.71	229	123	A	H
													H
		10355	60.34	-7.86	68.2	62.45	39.62	19.17	60.9	100	0	P	V
		15540	61.36	-12.64	74	61.75	37.94	24.38	62.71	213	169	P	V
		15540	50.87	-3.13	54	51.26	37.94	24.38	62.71	213	169	A	V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	60.79	-7.41	68.2	62.64	39.88	19.29	61.02	100	0	P	H
		15660	57.08	-16.92	74	57.37	37.46	24.38	62.13	249	122	P	H
		15660	48.07	-5.93	54	48.36	37.46	24.38	62.13	249	122	A	H
													H
		10440	64.37	-3.83	68.2	66.22	39.88	19.29	61.02	168	146	P	V
		15660	61.36	-12.64	74	61.65	37.46	24.38	62.13	212	165	P	V
		15660	52.36	-1.64	54	52.65	37.46	24.38	62.13	212	165	A	V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	60.05	-8.15	68.2	61.81	39.96	19.35	61.07	100	0	P	H
		15720	58.16	-15.84	74	58.33	37.3	24.37	61.84	229	120	P	H
		15720	47.57	-6.43	54	47.74	37.3	24.37	61.84	229	120	A	H
													H
		10480	61.88	-6.32	68.2	63.64	39.96	19.35	61.07	100	0	P	V
		15720	62.38	-11.62	74	62.55	37.3	24.37	61.84	211	165	P	V
		15720	52.17	-1.83	54	52.34	37.3	24.37	61.84	211	165	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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 38 5190MHz		5148.72	58.22	-15.78	74	43.05	31.7	12.32	28.85	389	205	P	H
		5150	50.2	-3.8	54	35.03	31.7	12.32	28.85	389	205	A	H
	*	5190	109.16	-	-	94.12	31.54	12.38	28.88	389	205	P	H
	*	5190	103.65	-	-	88.61	31.54	12.38	28.88	389	205	A	H
		5405.12	52.99	-21.01	74	38	31.42	12.59	29.02	389	205	P	H
		5350.8	44.22	-9.78	54	29.47	31.2	12.53	28.98	389	205	A	H
		5144.56	60.3	-13.7	74	45.12	31.71	12.32	28.85	231	237	P	V
		5149.76	52.19	-1.81	54	37.02	31.7	12.32	28.85	231	237	A	V
	*	5190	111.47	-	-	96.43	31.54	12.38	28.88	231	237	P	V
	*	5190	102.21	-	-	87.17	31.54	12.38	28.88	231	237	A	V
		5355.84	53.82	-20.18	74	39.04	31.22	12.54	28.98	231	237	P	V
		5359.48	45.09	-8.91	54	30.3	31.24	12.54	28.99	231	237	A	V
802.11ax HE40 Full CH 46 5230MHz		5148.98	61.8	-12.2	74	46.63	31.7	12.32	28.85	380	207	P	H
		5148.98	50.91	-3.09	54	35.74	31.7	12.32	28.85	380	207	A	H
	*	5230	116.11	-	-	101.21	31.38	12.42	28.9	380	207	P	H
	*	5230	109.14	-	-	94.24	31.38	12.42	28.9	380	207	A	H
		5387.76	54.97	-19.03	74	40.06	31.35	12.57	29.01	380	207	P	H
		5351.92	46.21	-7.79	54	31.45	31.21	12.53	28.98	380	207	A	H
		5148.2	61.94	-12.06	74	46.77	31.7	12.32	28.85	225	288	P	V
		5148.98	52.61	-1.39	54	37.44	31.7	12.32	28.85	225	288	A	V
	*	5230	117.73	-	-	102.83	31.38	12.42	28.9	225	288	P	V
	*	5230	110.1	-	-	95.2	31.38	12.42	28.9	225	288	A	V
	5381.04	56.63	-17.37	74	41.75	31.32	12.56	29	225	288	P	V	
	5361.16	48.38	-5.62	54	33.59	31.24	12.54	28.99	225	288	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 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 38 5190MHz		10380	54.81	-13.39	68.2	56.82	39.72	19.2	60.93	100	0	P	H	
		15570	49.85	-24.15	74	50.21	37.82	24.38	62.56	100	0	P	H	
													H	
													H	
			10380	56.32	-11.88	68.2	58.33	39.72	19.2	60.93	100	0	P	V
			15570	55.45	-18.55	74	55.81	37.82	24.38	62.56	209	164	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	62.03	-6.17	68.2	63.83	39.92	19.32	61.04	100	0	P	H	
		15690	56.52	-17.48	74	56.8	37.34	24.37	61.99	226	120	P	H	
		15690	46.18	-7.82	54	46.46	37.34	24.37	61.99	226	120	A	H	
													H	
			10460	61.87	-6.33	68.2	63.67	39.92	19.32	61.04	100	0	P	V
			15690	59.88	-14.12	74	60.16	37.34	24.37	61.99	208	166	P	V
			15690	50.49	-3.51	54	50.77	37.34	24.37	61.99	208	166	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**  
**WIFI 802.11ax 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)
<b>802.11ax HE80 Full CH 42 5210MHz</b>		5146.9	56.68	-17.32	74	41.5	31.71	12.32	28.85	364	208	P	H
		5150	49.5	-4.5	54	34.33	31.7	12.32	28.85	364	208	A	H
	*	5210	108.66	-	-	93.69	31.46	12.4	28.89	364	208	P	H
	*	5210	101.76	-	-	86.79	31.46	12.4	28.89	364	208	A	H
		5351.36	53.52	-20.48	74	38.76	31.21	12.53	28.98	364	208	P	H
		5362.84	44.33	-9.67	54	29.53	31.25	12.54	28.99	364	208	A	H
		5140.14	59.81	-14.19	74	44.62	31.72	12.31	28.84	225	289	P	V
		5149.24	51.85	-2.15	54	36.68	31.7	12.32	28.85	225	289	A	V
	*	5210	109.63	-	-	94.66	31.46	12.4	28.89	225	289	P	V
	*	5210	102.02	-	-	87.05	31.46	12.4	28.89	225	289	A	V
	5353.6	54.62	-19.38	74	39.85	31.21	12.54	28.98	225	289	P	V	
	5354.16	45.58	-8.42	54	30.8	31.22	12.54	28.98	225	289	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**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)
802.11ax HE80 Full		10420	51.71	-16.49	68.2	53.6	39.84	19.26	60.99	100	0	P	H
		15630	47.42	-26.58	74	47.75	37.58	24.37	62.28	100	0	P	H
													H
													H
CH 42 5210MHz		10420	52.3	-15.9	68.2	54.19	39.84	19.26	60.99	100	0	P	V
		15630	49.52	-24.48	74	49.85	37.58	24.37	62.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE160 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 HE160 Full CH 50 5250MHz		5141.96	66.32	-7.68	74	51.13	31.72	12.31	28.84	399	201	P	H
		5145.86	50.55	-3.45	54	35.37	31.71	12.32	28.85	399	201	A	H
	*	5250	109.15	-	-	94.33	31.3	12.44	28.92	399	201	P	H
	*	5250	101.48	-	-	86.66	31.3	12.44	28.92	399	201	A	H
		5368.44	55.45	-18.55	74	40.62	31.27	12.55	28.99	399	201	P	H
		5350	46	-8	54	31.25	31.2	12.53	28.98	399	201	A	H
		5093.6	62.76	-11.24	74	47.53	31.79	12.25	28.81	231	241	P	V
		5093.86	51.68	-2.32	54	36.45	31.79	12.25	28.81	231	241	A	V
	*	5250	112.25	-	-	97.43	31.3	12.44	28.92	231	241	P	V
	*	5250	106.45	-	-	91.63	31.3	12.44	28.92	231	241	A	V
		5381.88	58.76	-15.24	74	43.87	31.33	12.56	29	231	241	P	V
	5350.52	47.76	-6.24	54	33.01	31.2	12.53	28.98	231	241	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz  
WIFI 802.11ax HE160 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)	
802.11ax HE160 Full CH 50 5250MHz		10420	51.71	-16.49	68.2	53.6	39.84	19.26	60.99	100	0	P	H	
		15630	47.42	-26.58	74	47.75	37.58	24.37	62.28	100	0	P	H	
													H	
													H	
			10420	52.3	-15.9	68.2	54.19	39.84	19.26	60.99	100	0	P	V
			15630	49.52	-24.48	74	49.85	37.58	24.37	62.28	100	0	P	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 (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 52 5260MHz		5077.86	55.53	-18.47	74	40.34	31.76	12.23	28.8	397	202	P	H
		5146.2	46.14	-7.86	54	30.96	31.71	12.32	28.85	397	202	A	H
	*	5260	118.38	-	-	103.55	31.3	12.45	28.92	397	202	P	H
	*	5260	111.02	-	-	96.19	31.3	12.45	28.92	397	202	A	H
		5350.08	54.61	-19.39	74	39.86	31.2	12.53	28.98	397	202	P	H
		5350.08	45.92	-8.08	54	31.17	31.2	12.53	28.98	397	202	A	H
		5138.72	56.63	-17.37	74	41.44	31.72	12.31	28.84	223	256	P	V
		5099.62	47	-7	54	31.77	31.8	12.25	28.82	223	256	A	V
	*	5260	119.95	-	-	105.12	31.3	12.45	28.92	223	256	P	V
	*	5260	111.67	-	-	96.84	31.3	12.45	28.92	223	256	A	V
		5350.08	57.2	-16.8	74	42.45	31.2	12.53	28.98	223	256	P	V
		5350.08	48.09	-5.91	54	33.34	31.2	12.53	28.98	223	256	A	V
802.11ax HE20 Full CH 60 5300MHz		5123.08	54.93	-19.07	74	39.72	31.75	12.29	28.83	393	207	P	H
		5144.16	44.98	-9.02	54	29.81	31.71	12.31	28.85	393	207	A	H
	*	5300	113.51	-	-	98.67	31.3	12.49	28.95	393	207	P	H
	*	5300	105.69	-	-	90.85	31.3	12.49	28.95	393	207	A	H
		5386.32	54.59	-19.41	74	39.67	31.35	12.57	29	393	207	P	H
		5378.88	44.09	-9.91	54	29.21	31.32	12.56	29	393	207	A	H
		5099.62	55.38	-18.62	74	40.15	31.8	12.25	28.82	230	242	P	V
		5140.42	45.76	-8.24	54	30.57	31.72	12.31	28.84	230	242	A	V
	*	5300	115.92	-	-	101.08	31.3	12.49	28.95	230	242	P	V
	*	5300	106.8	-	-	91.96	31.3	12.49	28.95	230	242	A	V
		5375.76	57.39	-16.61	74	42.53	31.3	12.56	29	230	242	P	V
		5373.84	45.73	-8.27	54	30.87	31.3	12.56	29	230	242	A	V



<b>802.11ax</b> <b>HE20 Full</b> <b>CH 64</b> <b>5320MHz</b>		5072.08	54.92	-19.08	74	39.76	31.74	12.22	28.8	388	212	P	H
		5149.6	44.17	-9.83	54	29	31.7	12.32	28.85	388	212	A	H
	*	5320	112.85	-	-	98.05	31.26	12.5	28.96	388	212	P	H
	*	5320	104.95	-	-	90.15	31.26	12.5	28.96	388	212	A	H
		5352	57.4	-16.6	74	42.64	31.21	12.53	28.98	388	212	P	H
		5350.8	46.27	-7.73	54	31.52	31.2	12.53	28.98	388	212	A	H
		5081.26	55.25	-18.75	74	40.06	31.76	12.23	28.8	219	249	P	V
		5109.48	44.96	-9.04	54	29.73	31.78	12.27	28.82	219	249	A	V
	*	5320	115.3	-	-	100.5	31.26	12.5	28.96	219	249	P	V
	*	5320	106.79	-	-	91.99	31.26	12.5	28.96	219	249	A	V
		5350.08	57.53	-16.47	74	42.78	31.2	12.53	28.98	219	249	P	V
		5350.32	47.24	-6.76	54	32.49	31.2	12.53	28.98	219	249	A	V
<b>Remark</b>	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)	
802.11ax HE20 Full CH 52 5260MHz		10520	60.31	-7.89	68.2	61.99	40	19.42	61.1	100	0	P	H	
		15780	54.54	-19.46	74	54.43	37.3	24.37	61.56	141	206	P	H	
		15780	46	-8	54	45.89	37.3	24.37	61.56	141	206	A	H	
													H	
			10520	62.17	-6.03	68.2	63.85	40	19.42	61.1	100	0	P	V
			15780	61.84	-12.16	74	61.73	37.3	24.37	61.56	204	164	P	V
			15780	52.68	-1.32	54	52.57	37.3	24.37	61.56	204	164	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	59.23	-14.77	74	60.79	40	19.54	61.1	200	266	P	H	
		10600	46.53	-7.47	54	48.09	40	19.54	61.1	200	266	A	H	
		15900	48.31	-25.69	74	47.83	37.1	24.36	60.98	100	0	P	H	
													H	
			10600	61.19	-12.81	74	62.75	40	19.54	61.1	150	150	P	V
			10600	52.3	-1.7	54	53.86	40	19.54	61.1	150	150	A	V
			15900	57.98	-16.02	74	57.5	37.1	24.36	60.98	200	164	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	59.3	-14.7	74	60.8	40	19.6	61.1	237	256	P	H	
		10640	50.19	-3.81	54	51.69	40	19.6	61.1	237	256	A	H	
		15960	48.95	-25.05	74	48.24	37.04	24.36	60.69	100	0	P	H	
													H	
			10640	61.38	-12.62	74	62.88	40	19.6	61.1	150	150	P	V
			10640	52.52	-1.48	54	54.02	40	19.6	61.1	150	150	A	V
			15960	55.84	-18.16	74	55.13	37.04	24.36	60.69	205	162	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 2 5250~5350MHz**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 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 54 5270MHz		5125.8	56.81	-17.19	74	41.6	31.75	12.29	28.83	377	207	P	H	
		5124.78	47.05	-6.95	54	31.84	31.75	12.29	28.83	377	207	A	H	
	*	5270	117.67	-	-	102.84	31.3	12.46	28.93	377	207	P	H	
	*	5270	109.38	-	-	94.55	31.3	12.46	28.93	377	207	A	H	
		5353.92	58.32	-15.68	74	43.54	31.22	12.54	28.98	377	207	P	H	
		5350.56	48.92	-5.08	54	34.17	31.2	12.53	28.98	377	207	A	H	
		5125.46	56.45	-17.55	74	41.24	31.75	12.29	28.83	229	287	P	V	
		5140.42	47.18	-6.82	54	31.99	31.72	12.31	28.84	229	287	A	V	
	*	5270	119.46	-	-	104.63	31.3	12.46	28.93	229	287	P	V	
	*	5270	111.84	-	-	97.01	31.3	12.46	28.93	229	287	A	V	
		5353.68	61.51	-12.49	74	46.74	31.21	12.54	28.98	229	287	P	V	
		5350.08	52.56	-1.44	54	37.81	31.2	12.53	28.98	229	287	A	V	
	802.11ax HE40 Full CH 62 5310MHz		5130.22	54.25	-19.75	74	39.05	31.74	12.3	28.84	392	204	P	H
			5147.56	45.18	-8.82	54	30.01	31.7	12.32	28.85	392	204	A	H
*		5310	112.94	-	-	98.12	31.28	12.49	28.95	392	204	P	H	
*		5310	106.64	-	-	91.82	31.28	12.49	28.95	392	204	A	H	
		5351.28	63.15	-10.85	74	48.39	31.21	12.53	28.98	392	204	P	H	
		5353.2	48.57	-5.43	54	33.8	31.21	12.54	28.98	392	204	A	H	
		5082.96	55.65	-18.35	74	40.45	31.77	12.23	28.8	223	238	P	V	
		5144.5	45.96	-8.04	54	30.78	31.71	12.32	28.85	223	238	A	V	
*		5310	114	-	-	99.18	31.28	12.49	28.95	223	238	P	V	
*		5310	108.75	-	-	93.93	31.28	12.49	28.95	223	238	A	V	
	5350.32	64.58	-9.42	74	49.83	31.2	12.53	28.98	223	238	P	V		
	5350.56	51.18	-2.82	54	36.43	31.2	12.53	28.98	223	238	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 )	
802.11ax HE40 Full CH 54 5270MHz		10540	60.19	-8.01	68.2	61.84	40	19.45	61.1	100	0	P	H	
		15810	53.33	-20.67	74	53.09	37.28	24.37	61.41	149	221	P	H	
		15810	44.05	-9.95	54	43.81	37.28	24.37	61.41	149	221	A	H	
													H	
			10540	60.06	-8.14	68.2	61.71	40	19.45	61.1	100	0	P	V
			15810	59.31	-14.69	74	59.07	37.28	24.37	61.41	200	168	P	V
			15810	50.45	-3.55	54	50.21	37.28	24.37	61.41	200	168	A	V
802.11ax HE40 Full CH 62 5310MHz		10620	59.41	-14.59	74	60.94	40	19.57	61.1	175	266	P	H	
		10620	49.16	-4.84	54	50.69	40	19.57	61.1	175	266	A	H	
		15930	48.24	-25.76	74	47.64	37.07	24.37	60.84	100	0	P	H	
													H	
			10620	59.73	-14.27	74	61.26	40	19.57	61.1	151	148	P	V
			10620	50.35	-3.65	54	51.88	40	19.57	61.1	151	148	A	V
			15930	56.64	-17.36	74	56.04	37.07	24.37	60.84	204	163	P	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 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)
<b>802.11ax HE80 Full CH 58 5290MHz</b>		5141.44	56.22	-17.78	74	41.03	31.72	12.31	28.84	393	207	P	H
		5147.9	46.47	-7.53	54	31.3	31.7	12.32	28.85	393	207	A	H
	*	5290	113.95	-	-	99.11	31.3	12.48	28.94	393	207	P	H
	*	5290	106.06	-	-	91.22	31.3	12.48	28.94	393	207	A	H
		5350.08	61.99	-12.01	74	47.24	31.2	12.53	28.98	393	207	P	H
		5350.08	48.88	-5.12	54	34.13	31.2	12.53	28.98	393	207	A	H
		5139.74	56.94	-17.06	74	41.75	31.72	12.31	28.84	241	241	P	V
		5148.58	47.6	-6.4	54	32.43	31.7	12.32	28.85	241	241	A	V
	*	5290	115.28	-	-	100.44	31.3	12.48	28.94	241	241	P	V
	*	5290	109.86	-	-	95.02	31.3	12.48	28.94	241	241	A	V
	5350.08	63.21	-10.79	74	48.46	31.2	12.53	28.98	241	241	P	V	
	5350.08	52.11	-1.89	54	37.36	31.2	12.53	28.98	241	241	A	V	
<b>Remark</b>	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)
802.11ax HE80 Full		10580	55.85	-12.35	68.2	57.44	40	19.51	61.1	100	0	P	H
		15870	47.61	-26.39	74	47.2	37.16	24.37	61.12	100	0	P	H
													H
													H
CH 58 5290MHz		10580	56.11	-12.09	68.2	57.7	40	19.51	61.1	100	0	P	V
		15870	52.9	-21.1	74	52.49	37.16	24.37	61.12	206	167	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>





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		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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

Test Engineer :	Andy Yang, Karl Hou, CR Laio	Temperature :	20~25°C
		Relative Humidity :	50~65%

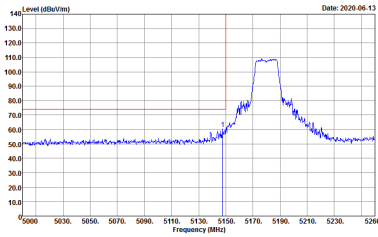
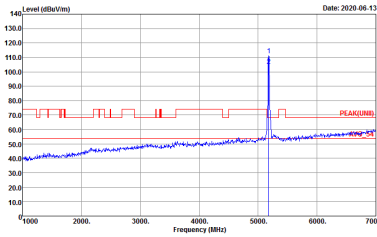
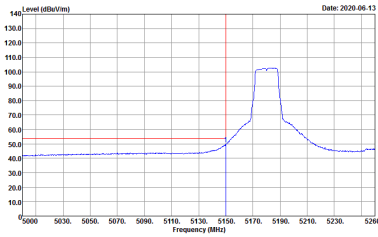
### Note symbol

-L	Low channel location
-R	High channel location

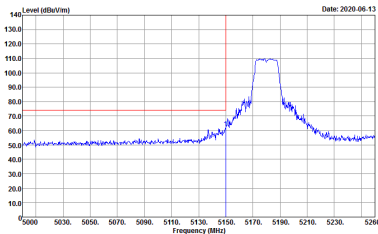
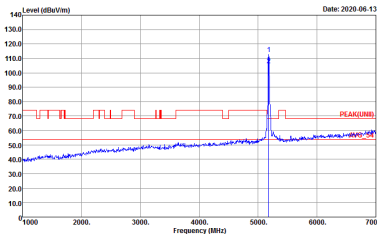
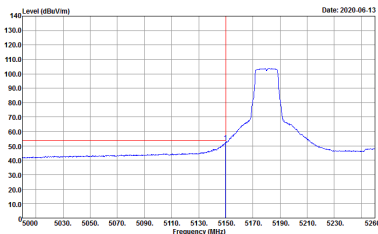


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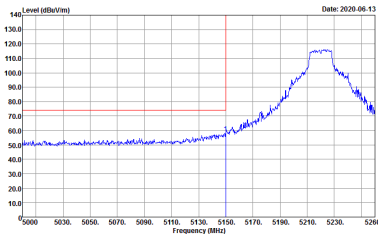
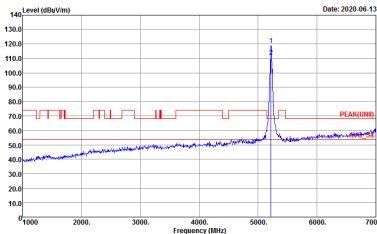
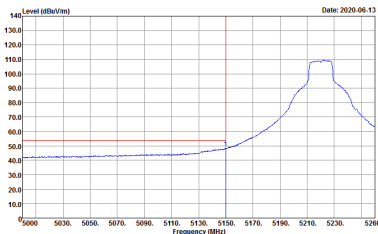
**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<b>Left blank</b>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

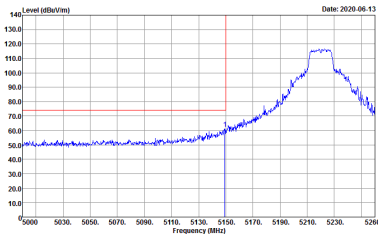
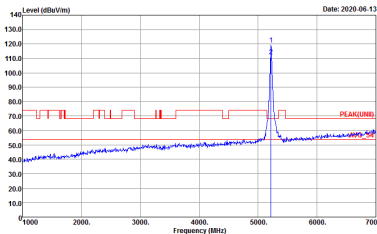
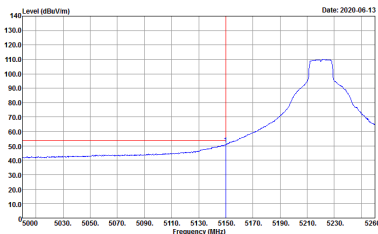


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBV/m) vs Frequency (MHz) plot showing a peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a rising signal starting around 5150 MHz, peaking at approximately 115 dBV/m at 5220 MHz, and then falling.</p> <p>Site : 03CH16-HY            Condition : PEAK_SE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBV/m) vs Frequency (MHz) plot showing a sharp peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 4000 to 7000 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a very narrow peak at 5220 MHz reaching approximately 130 dBV/m.</p> <p>Site : 03CH16-HY            Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBV/m) vs Frequency (MHz) plot showing the average signal. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a broad peak centered at 5220 MHz, reaching approximately 110 dBV/m.</p> <p>Site : 03CH16-HY            Condition : AV6_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



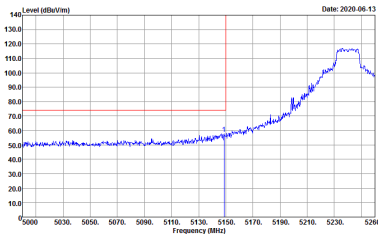
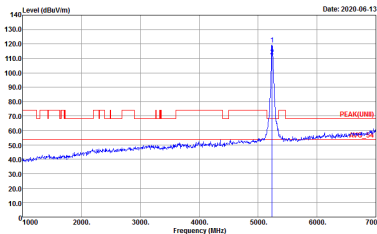
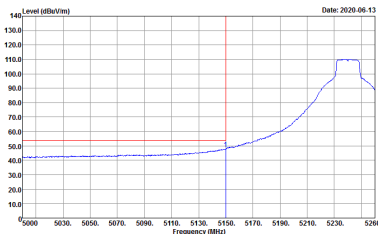
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



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



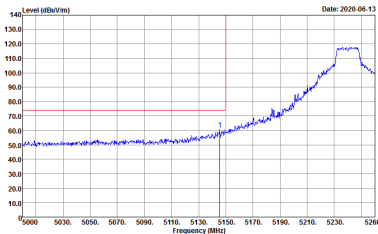
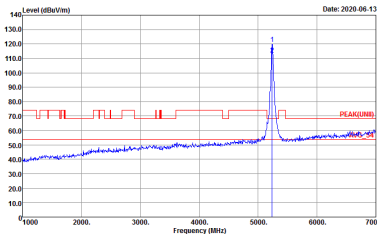
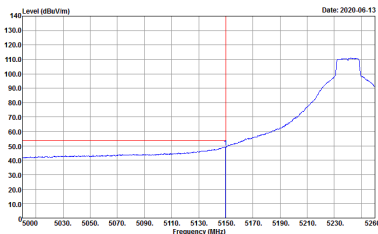


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBu/m) vs Frequency (MHz) plot showing a rising signal level from 5000 to 5250 MHz. A red vertical line is at 5150 MHz. Date: 2020-06-13</p> <p>Site : 03CH16-HY            Condition : PEAK_SE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBu/m) vs Frequency (MHz) plot showing a sharp peak at approximately 5240 MHz. A red vertical line is at 5240 MHz. Date: 2020-06-13</p> <p>Site : 03CH16-HY            Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBu/m) vs Frequency (MHz) plot showing the average signal level from 5000 to 5250 MHz. A red vertical line is at 5150 MHz. Date: 2020-06-13</p> <p>Site : 03CH16-HY            Condition : AV6_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

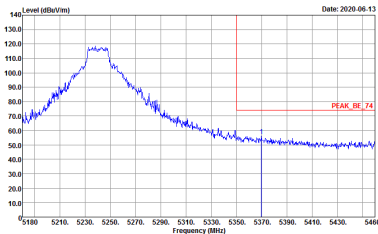
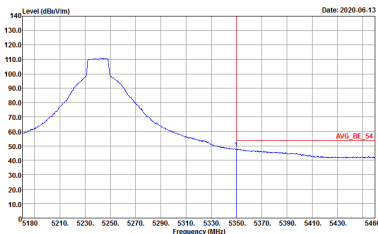


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



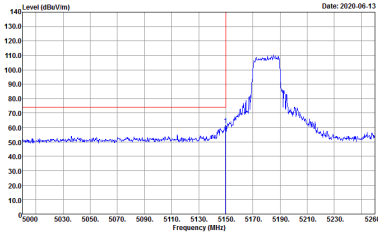
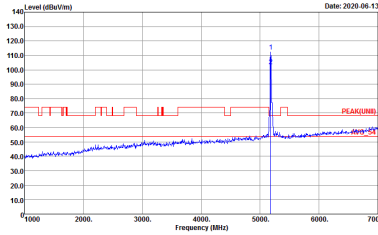
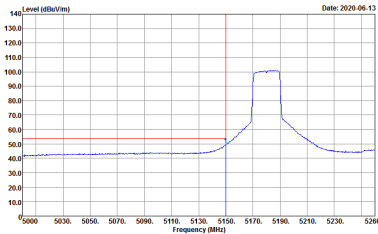
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



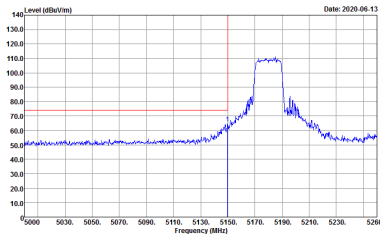
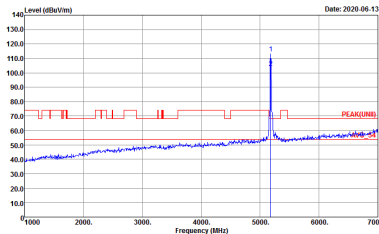
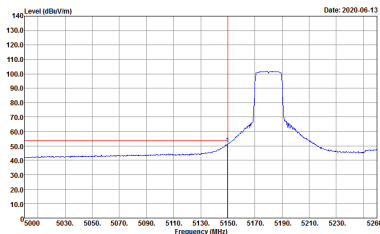
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



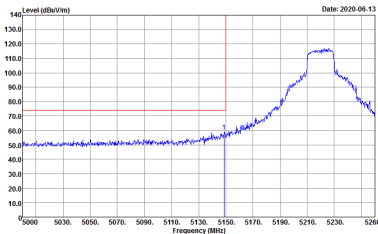
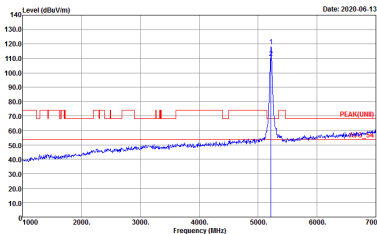
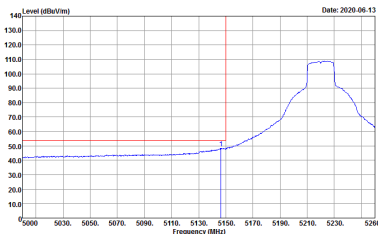
**Band 1 5150~5250MHz**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

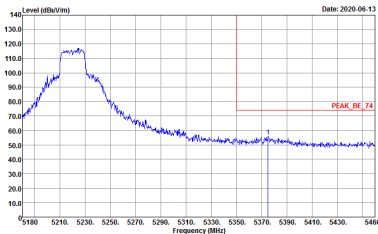
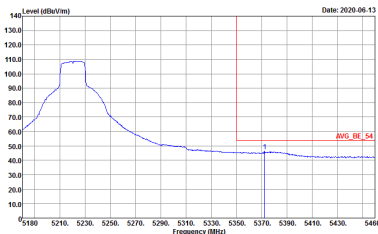


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



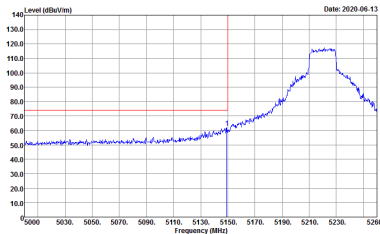
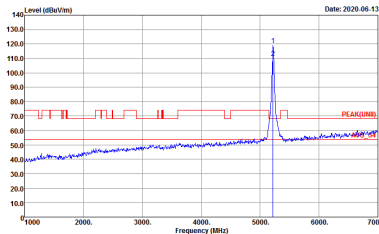
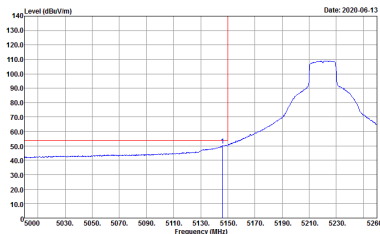
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a rising signal starting around 5150 MHz, peaking at approximately 115 dBuV/m at 5220 MHz, and then falling.</p> <p>Site : 03CH16-HY            Condition : PEAK_SE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a sharp peak at 5220 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a very narrow peak at 5220 MHz reaching approximately 115 dBuV/m.</p> <p>Site : 03CH16-HY            Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average signal for the horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5220 MHz. The plot shows a rising signal starting around 5150 MHz, peaking at approximately 115 dBuV/m at 5220 MHz, and then falling.</p> <p>Site : 03CH16-HY            Condition : AV6_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



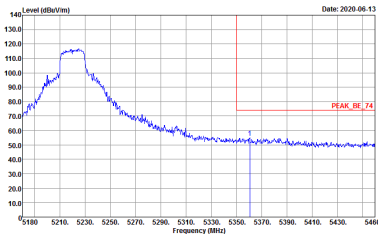
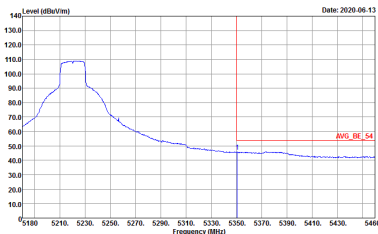
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	<p>Left blank</p>



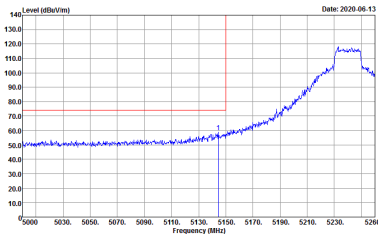
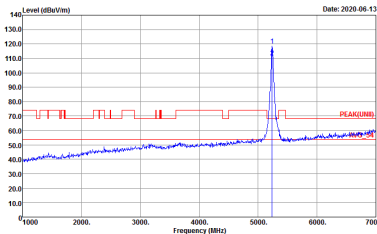
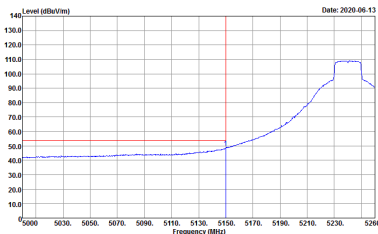


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

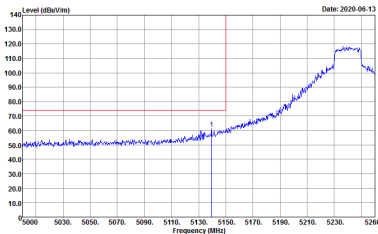
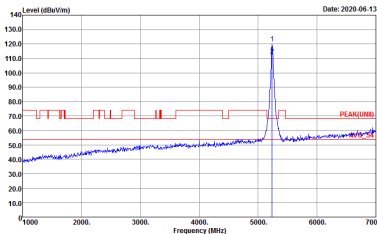
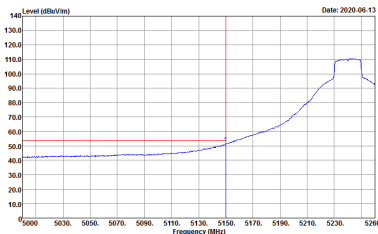


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Level (dBV/m) vs Frequency (MHz) plot showing a peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5240 MHz. The plot shows a rising signal level starting around 5150 MHz, reaching a peak of approximately 115 dBV/m at 5240 MHz, and then slightly decreasing.</p> <p>Site : 03CH16-HY            Condition : PEAK_SE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBV/m) vs Frequency (MHz) plot showing a sharp peak at 5240 MHz. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 1000 to 7000 MHz. A red vertical line marks the peak at 5240 MHz. The plot shows a very narrow and sharp peak at 5240 MHz, reaching a level of approximately 115 dBV/m.</p> <p>Site : 03CH16-HY            Condition : PEAK(FUN1) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBV/m) vs Frequency (MHz) plot showing the average signal level. The y-axis ranges from 10.0 to 140.0 dBV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5240 MHz. The plot shows a rising signal level starting around 5150 MHz, reaching a peak of approximately 115 dBV/m at 5240 MHz, and then slightly decreasing.</p> <p>Site : 03CH16-HY            Condition : AV6_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



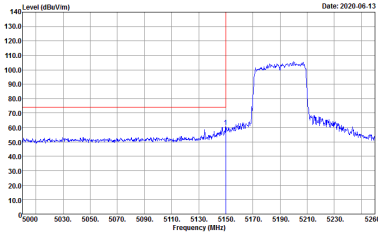
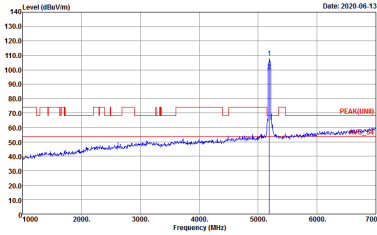
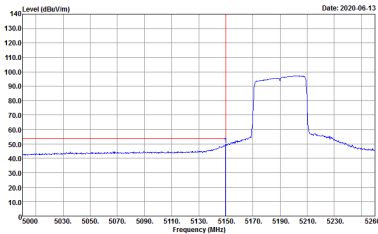
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY Condition : PEAK_SE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



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



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH16-HY            Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH16-HY            Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank